

# 第六代KQL/KQW 系列立式/卧式 单级单吸离心泵

Generation-6KQL/KQW Series Single Stage  
Vertical / horizontal Centrifugal Pump

有凯泉的地方就有水



- 结构紧凑、合理**  
 泵与电机直接连接，外形美观，占地面积小
- 效率高**  
 闭式铸铁叶轮，优秀的水力模型保证泵的高效和节能，大部分型号泵的配套功率下降一档
- 可靠性强**  
 SKF 轴承配置合理，叶轮悬臂短，机泵轴完全同心，泵运行平稳、可靠，噪音低
- 寿命长**  
 45钢镀铬转轴，永不生锈，强制环流冲洗进口品牌机械密封，免保养、无渗漏、3年免维护



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ISO9001 2015 版国际质量体系认证  
 ISO9001 Certified(version 2015)



# 凯泉与SKF战略合作

## SKF根植中国，凯泉走向世界！

### 斯凯孚（SKF）商标使用授权书

授权方：斯凯孚（中国）销售有限公司

兹授权：上海凯泉泵业（集团）有限公司及其下属分公司

允许在其生产的装配有SKF产品的工业泵系列产品（具体产品系列及型号详见协议附件）上使用“SKF Equipped”商标。详细条款请见双方签署的“商标使用协议”

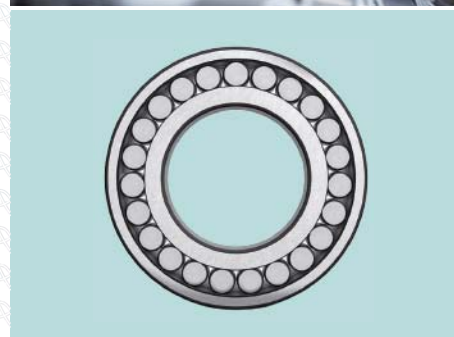


授权时间：2017年11月1日  
授权地点：上海

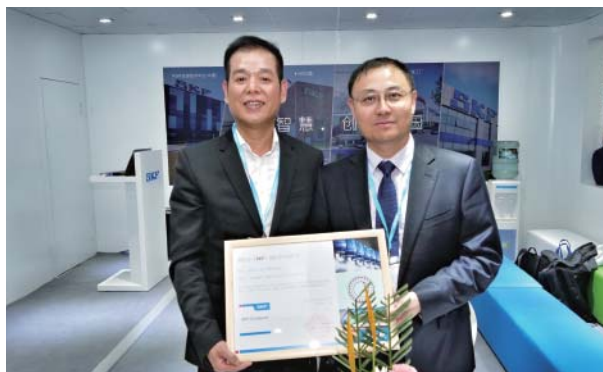
斯凯孚（中国）销售有限公司  
二零一七年十一月一日



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## 凯泉成为全球率先允许在设备上使用SKF Equipped商标的企业！



上海凯泉是集设计/生产/销售泵、给水设备及泵用控制设备于一体的大型综合性泵业集团，是中国泵行业的龙头企业。集团现有员工4500多人，其中工程技术人员750多名，主要由知名水泵专家教授、博士硕士、中高级工程师构成，形成了具有创新思维的梯队人才结构。在上海、浙江、河北、辽宁、安徽等省市拥有7家企业，5个工业园区。上海凯泉集团获得了“上海市科技百强企业”、“上海市名牌产品”、“中国质量信用AAA级”、“全国合同信用等级AAA级”、“质量、信誉、服务三优企业”、“中国最具竞争力的商品商标”等光荣称号，至今名列泵行业之首。

斯凯孚集团不断致力于减小摩擦，使机械设备的运行速度更快，使用寿命更长，更环保和更安全。秉承高效和可持续性的经营理念，斯凯孚集团是滚动轴承、密封件、机电一体化、服务和润滑系统领域全球领先的产品、解决方案和服务供应商。服务包括技术支持、维护服务、状态监测、资产效率优化、工程咨询和培训。

时至今日，斯凯孚在全球拥有130多座生产基地，销售公司遍布130多个国家，有超过17,000家经销商店，为世界各地客户提供符合全球质量标准的定制化解决方案和产品。

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## 用途Applications

用于空调、采暖、卫生用水、水处理、冷却冷冻系统,液体循环和供水、增压及灌溉等领域中无腐蚀的冷水和热水输送。介质固体不溶物,其体积不超过单位体积0.1%,粒度 $\leq 0.2\text{mm}$

Sending non-corrosive cold and warm water used in air-condition, heat circulation, freezing water system, water supply, press increased and irrigation. The volume should not exceed the unit volume by 0.1% and particle size should be less than 0.2mm.

## 使用条件Working conditions

转速: 2960r/min, 1480r/min

流量范围: 1.8~2000m<sup>3</sup>/h

扬程:  $\leq 127\text{m}$

介质温度:  $-10^{\circ}\text{C} \sim 80^{\circ}\text{C}$

$80^{\circ}\text{C} \sim 120^{\circ}\text{C}$  (耐高温机封、轴承、O形密封圈)

环境温度: 最大 $+40^{\circ}\text{C}$ ; 海拔高度小于1000m; 相对湿度不超过95%

最大工作压力(承压):

| 型号                  | 工作压力   | 测试压力   | 承压零件材质                |
|---------------------|--------|--------|-----------------------|
| 125口径(2极转速)及125口径以下 | 1.6MPa | 2.1MPa | 灰铁, HT250             |
| 125~200口径(4极转速)     | 1.2MPa | 1.6MPa | 灰铁, HT250             |
| 250口径及250口径以上       | 1MPa   | 1.3MPa | 灰铁, HT250             |
| 125口径(4极转速)及125口径以上 | 1.6MPa | 2.1MPa | 球铁, QT450-10<br>订货需注明 |

最大工作压力=进口压力+闭阀压力( $Q=0$ )

最大进口压力

| 型号                  | 扬程(m)      | 最大进口压力(MPa) |           |
|---------------------|------------|-------------|-----------|
|                     |            | 标准配置        | 球铁泵壳、高压机封 |
| 125口径(2极转速)及125口径以下 | $\leq 40$  | 1.2         | /         |
|                     | $\leq 60$  | 1           | /         |
|                     | $\leq 80$  | 0.8         | /         |
|                     | $\leq 125$ | 0.4         | /         |
| 125~200口径(4极转速)     | $\leq 20$  | 1           | /         |
|                     | $\leq 40$  | 0.8         | 1.2       |
|                     | $\leq 60$  | 0.6         | 1         |
|                     | $\leq 80$  | 0.4         | 0.8       |
| 250口径及250口径以上       | $\leq 20$  | 0.8         | 1.2       |
|                     | $\leq 40$  | 0.6         | 1.2       |
|                     | $\leq 60$  | 0.4         | 1         |
|                     | $\leq 80$  | 0.2         | 0.8       |

125口径(2极转速)及125口径以下小口径泵无需采用球铁材质,表中打“/”号配置公司不再生产。

汽蚀余量是设计点实测值,实际使用时应加0.5m的安全裕量。

可选配PN16-GB/T17241.6-2008配对法兰。

Working conditions

Speed: 2960r/min, 1480r/min or 980r/min

Capacity range: 1.8~2000m<sup>3</sup>/h

Head: Up to 127m

Medium temperature:  $-10^{\circ}\text{C} \sim 80^{\circ}\text{C}$

Ambient temperature: Up to  $+40^{\circ}\text{C}$ ; Altitude $<1000\text{m}$ ; relative humidity $\leq 95\%$

Maximum working pressure:

Suction and discharge diameters are 125mm (2 pole speed) and below 125mm: 1.6Mpa;

Suction and discharge diameters are 125mm (4 pole speed) and 150~200mm: 1.2Mpa;

Suction and discharge diameters are greater than or equal to 250mm: 1.0Mpa;

Maximum operation pressure=Inlet pressure+valve shutting pressure.

## 型号说明Definition

例如: 80KQL50-32-7.5/2或80KQW50-32-7.5/2KQL标准立式单级泵, KQW标准卧式单级泵

80 进出口直径

50 额定流量

32 额定扬程

7.5/2电机功率/电机级数

For example: 80KQL50-32-7.5/2 or

80KQW50-32-7.5/2

KQL: Standard vertical single-stage pump

KQW: Standard horizontal single-stage pump

80: Suction and discharge nozzle nominal diameters

50: Capacity at rated point

32: Head at rated point

7.5/2: Motor power/motor pole

VI: The sixth generation

| 型号配置<br>MODEL           | KQL或KQW                                             | KQL/T或<br>KQW/T                                |
|-------------------------|-----------------------------------------------------|------------------------------------------------|
| 主要部件<br>MAIN PARTS      |                                                     |                                                |
| 电机系列<br>MOTOR           | YE2系列高效率三相异步电动机<br>Two-phase induction motor series | 按用户要求<br>According to the<br>stomer's<br>needs |
| 泵轴材料<br>SHAFT           | 45#钢镀铬<br>45#Cr-plating                             |                                                |
| 轴承<br>BEARING           | 进口名牌<br>SKF                                         |                                                |
| 机械密封<br>MECHANICAL SEAL | 品牌<br>(35轴径及以下为合资品牌, 45轴径及以上为进口品牌)<br>famous brand  |                                                |
| 铸件<br>CASTING           | 优质铸件<br>Quality casting                             |                                                |
| 表面处理<br>SURFACE DISPOSE | 200及200口径以下电泳漆<br>其余黑色                              |                                                |

## 材质Materials

泵体、泵盖、叶轮: 铸铁

泵轴: 45#钢镀铬

机械密封动、静环: 浸锡石墨、碳化硅

Materials

Casing, Cover, Impeller: Cast iron

Shaft: 45#Cr-plating

Motive, motionless ring of mechanical seal: Graphite, harden alloy

## 结构Structure

结构紧凑的单级泵，是最适用于现代建筑物的。

Compact single-stage pump is especially suitable for modern

### ——立式泵壳

管理连接型式的螺旋形泵壳，采用现代最优水力模型设计制造，进出口在同一直线上，且口径相同。法兰符合GB/T17241.6-2008并可选配Rp1/4或Rp3/8测压口。

### ——Casing

It has pipe joined spiral casing and uses the best hydraulic model. Suction and discharge nozzles are in one line with the same diameter. Flange accords with the standard of GB/T17241.6-1998 and may choose to be fixed with Rp1/4 or Rp3/8 pressure gauge.

### ——卧式泵壳

泵脚支承型式的螺旋形泵壳，采用现代最优水力模型设计制造，水平吸入，上方输出，且口径相同。法兰符合GB/T17241.6-2008并可选配Rp1/4或Rp3/8测压口。

### ——Casing

It has pipe joined spiral casing and uses the best hydraulic model. Suction and discharge nozzles are in one line with the same diameter. Flange accords with the standard of GB/T17241.6-1998 and may choose to be fixed with Rp1/4 or Rp3/8 pressure gauge.

### ——叶轮

闭式叶轮，优秀的水力模型保证泵的效率 and 可靠性，部分改进型号泵的配套功率下降一档。

### ——Impeller

Closed cast iron impeller. Best hydraulic model guarantees the efficiency and reliability of the pump.

## 机械密封Mechanical seal

### 系列产品

用于水温80℃以下免保养，并不受转向限制。特殊波纹管设计保证了动环的补偿性和密封性能。

### Series product.

If the pump operates in the water with temperature below 80℃, it needn't maintain and will not be limited by rotating direction. Special bellows design guarantees the compensation and hermetic function of the dynamic ring.

## 电机Motor

YE2系列高效率三相异步电动机系列。功率和型式符合IEC-Norm.

型式: V<sub>1</sub>(KQL) B35(KQW)

电源: 380V, 50HZ

防护等级: IP55

绝缘等级: F

电机轴: 45 # 钢镀铬或不锈钢 (2Cr13)

温度: 电机工作环境温度最大到40℃。温度高于40℃时，请降低功率使用。

转向: 立式泵从电机风叶端向下看为顺时针方向，卧式泵从泵进口方向看为逆时针方向。

Squirrel Two-phase induction motor series. Efficiency type accord with IEC-Norm.

Type: V<sub>1</sub>(KQL) B35(KQW)

Power source: 380V, 50HZ

Protection class: IP55

Insulation: F

Shaft of the motor: 45 # Cr-plating or Stainless steel (2Cr13) 40℃. Above 40℃, please decrease the power.

## 泵机组优点Advantages

——采用电机直接连接，机泵轴完全同心，振动小、噪音低

——泵进出口口径相同，运行稳定可靠。

——用整轴和特殊结构配置的SKF轴承，运行可靠。

——用强制环流的不受转向限制的特殊结构配置的机械密封，改善其运行环境，延长使用寿命。

——独特的安装结构大大缩小了泵的占地面积，节约建设投资40%-60%。

——完善的设计确保泵的无泄漏，长寿命运行，节约运行管理费50%-70%。

——采用优质铸件，尺寸精度高，外形美观。

### 电机优点:

——采用更新设计的超高效率三相异步电机系列，结构更加合理，外形新颖美观。

——启动转矩大，效率高，噪音小。

——F级绝缘，提高了电机使用的最高允许温升，因而抗过载能力高，耐力强，使用安全可靠，寿命延长。

——IP55全封闭结构，防止粉尘、风雨、飞溅水滴等进入电机内部，造成电机损坏。

——镀铬特殊处理转轴，永不生锈，保证配合零件拆装简便，机械密封波纹管密封可靠。

- Directly connected with the motor. the axle of motor and pump share the same shaft. Less vibration, Low noise.
- The outlet and inlet are same in diameter and the diameters are in the same line. Liquid flows smoothly with less loss.
- Removal of baseplate. Just like valves, the pump can be mounted wherever on the pipe line.
- The whole shaft and special structured configuration bearing runs reliably.
- The mechanical seal, which applies the configuration of end-suction and no direct-ion limited special structure, improves the running environment and elongate the service life.
- Unique in installation reduces the occupation of pump, which saves the investment cost by 40% to 60%.
- Perfect design makes sure of no leakage, long life, which saves operation cost by 50% to 70%.
- Adopt the high-quality casting off, which results in high accuracy in dimension and nice-looking appearance.

#### Motor Advantages

- Adopt the modified Two-phase induction, the structure is more reasonable and, rational and nice-looking.
- The starting torque is large, the efficiency is high, the noise is low.
- Full class insulation, which improves the permissible temperature rise of motor, thus resulting in high ability the antioverload, strong wear-resistant, and long service life.
- Ip 55 fully close structure, which prevents dust, water drop, rain (with cover) from entering the motor to damage the motor.

- Rotating shaft made of stainless material; will never be rusted, which ensures that the components are easy to dismantle, and the ripple pipe of mechanical seal is reliable.

### 供货范围 Supply Arrange

水泵带底座（板）和安装使用说明书

Pump and installation instructions are available.

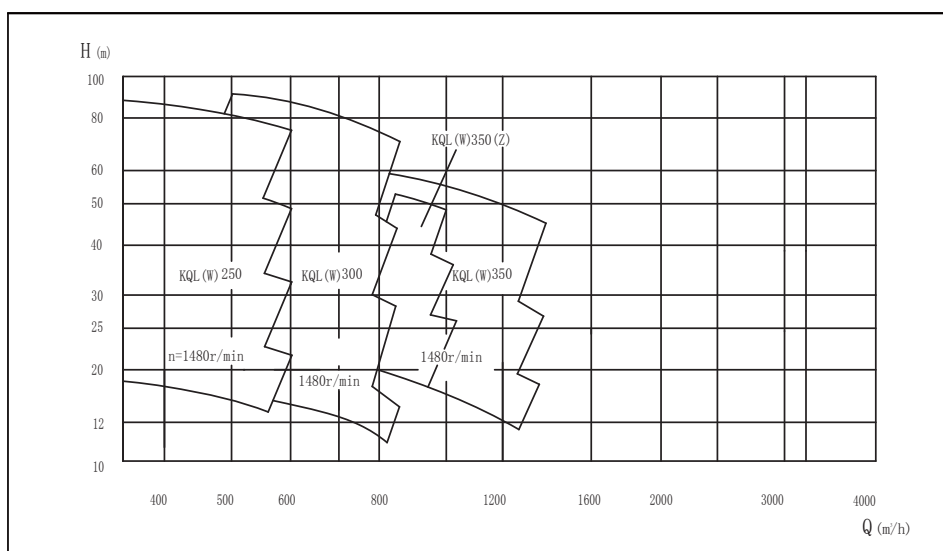
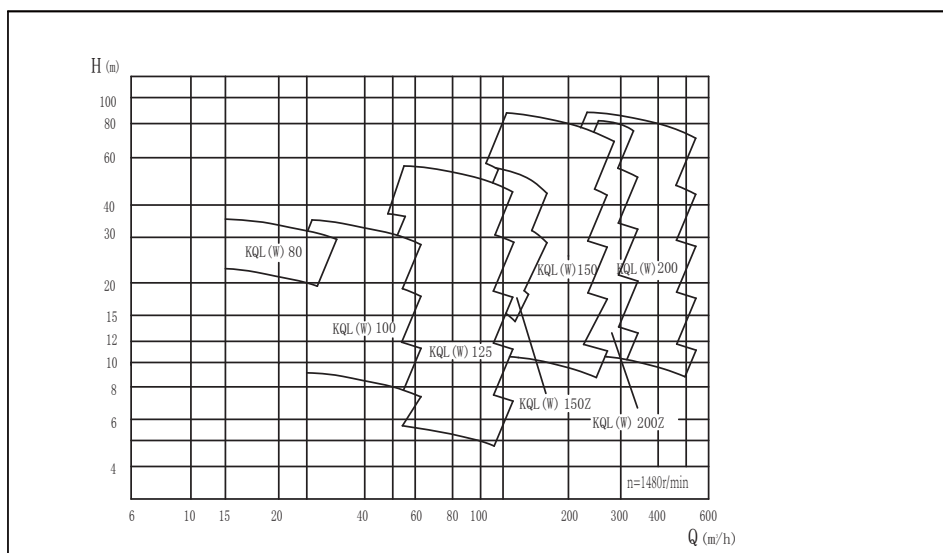
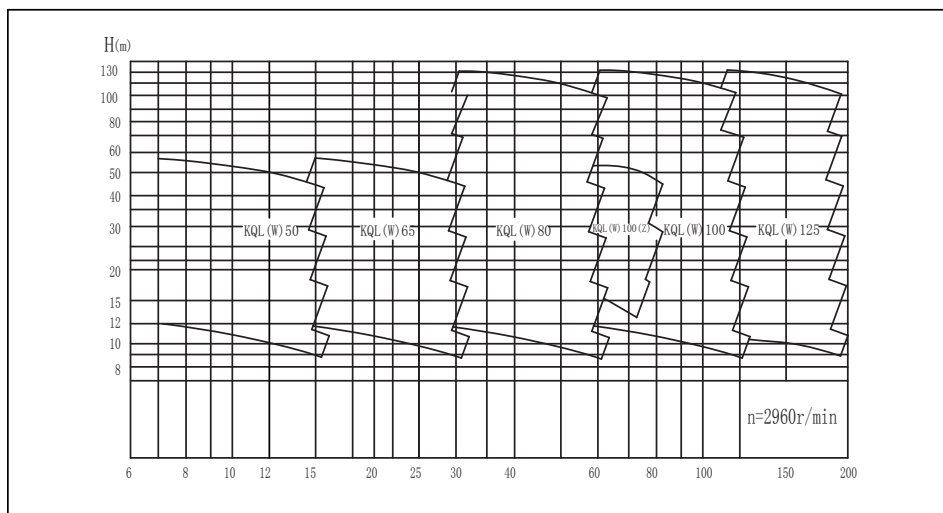
### 订货须知 Notes on Order-placing

1. 输送特殊液体时，请在合同中注明液体的名称。温度、密度、浓度、粘性等，以便制造厂合理选配材质和电机功率。
2. 当对流量、扬程、进口压力、电机电压、频率、防爆等有特殊要求时，请在合同中注明。

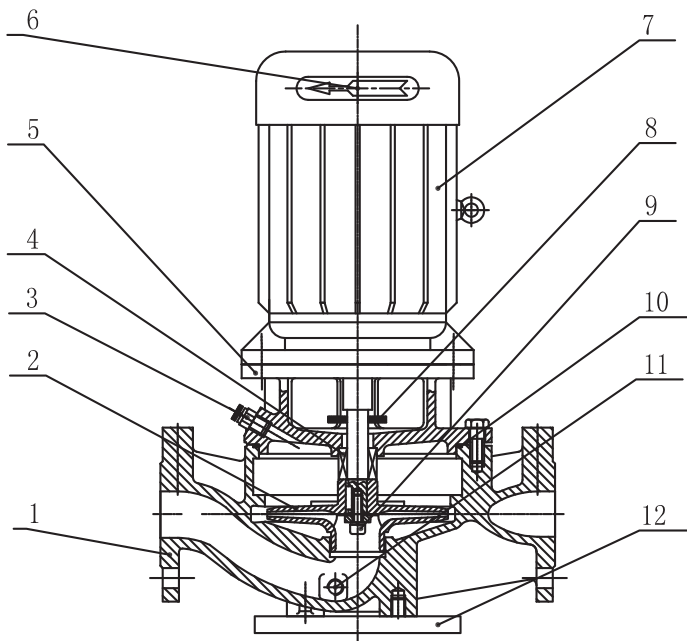
1. Name, temperature, density, concentration, trellises should be clearly noted in the contract when the transporting media is corrosive, so that the manufacturer can make a proper choice of material and power of motor.

2. It should be clearly noted in the contract when special requirement, for instance, capacity, suction pressure, head, motor, voltage, frequency, blast-proof etc, are made.

## 型谱图HYDRAULIC COVERAGE

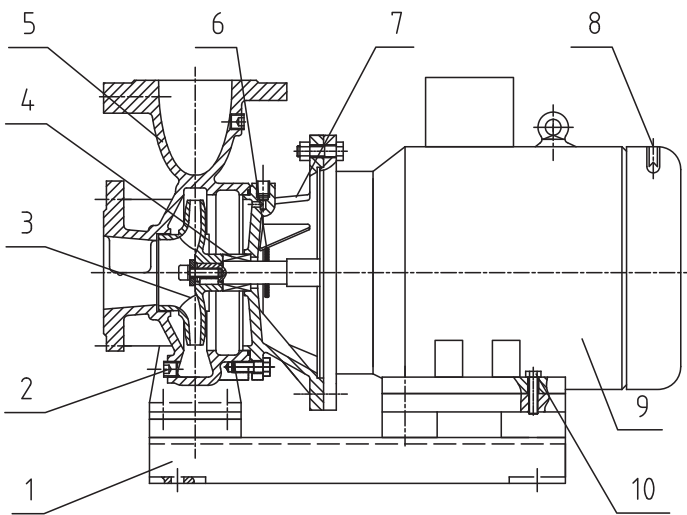


KQL结构图KQL STRUCTURE DRAWING



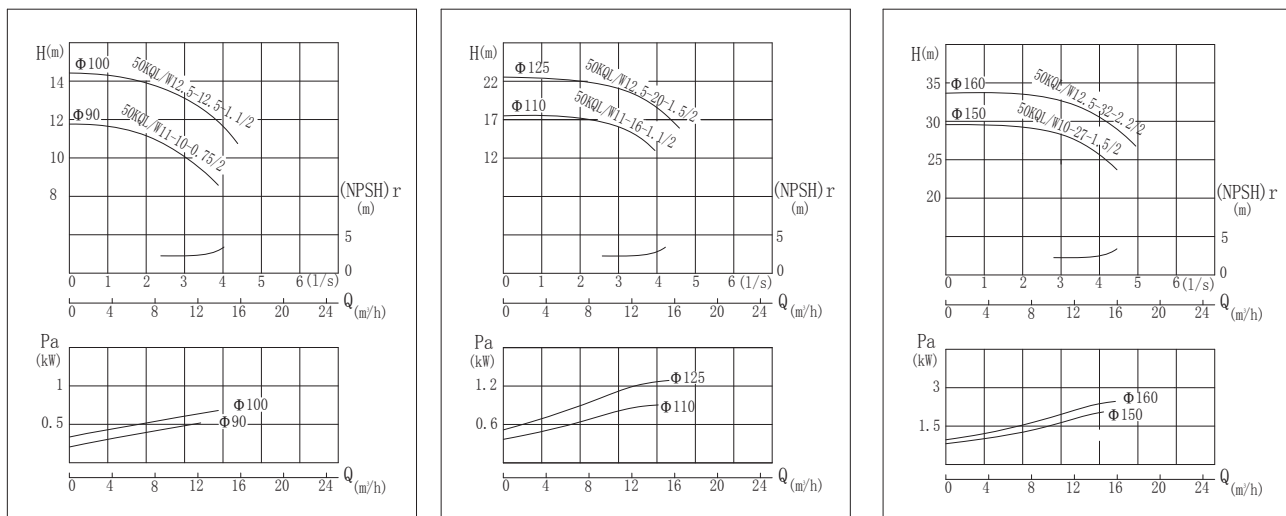
| 序号<br>No. | 数量<br>QUANTITY | 名称<br>NAME                |
|-----------|----------------|---------------------------|
| 1         | 1              | 泵体 Casing                 |
| 2         | 1              | 叶轮 Impeller               |
| 3         | 1              | 放气旋塞 Air discharge vaive  |
| 4         | 1              | 机械密封 Mechanical seal      |
| 5         | 1              | 泵盖 Casing cover           |
| 6         | 1              | 转向牌 Chang direction plate |
| 7         | 1              | 电机 Motor                  |
| 8         | 1              | 挡水圈 Deflector             |
| 9         | 1              | 螺钉 Screw                  |
| 10        | 1              | O形密封圈 O seal ring         |
| 11        | 1              | 螺塞 Plug                   |
| 12        | 1              | 底板 Baseplate              |

KQW结构图KQW STRUCTURE DRAWING

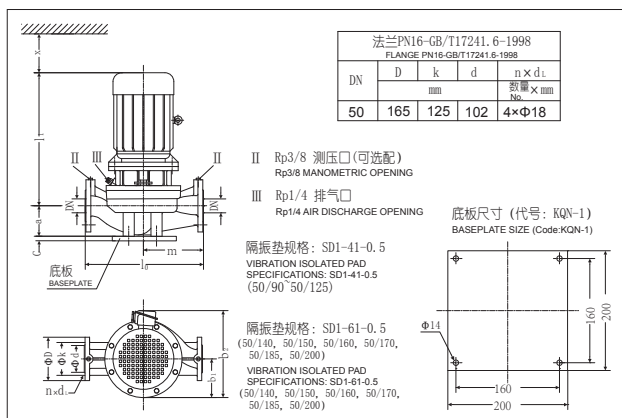


| 序号<br>No. | 数量<br>QUANTITY | 名称<br>NAME                |
|-----------|----------------|---------------------------|
| 1         | 1              | 底座 Bedplate               |
| 2         | 3              | 螺塞 Screwed plug           |
| 3         | 1              | 叶轮 Impeller               |
| 4         | 1              | 机械密封 Mechanical seal      |
| 5         | 1              | 泵体 Pump body              |
| 6         | 1              | 挡水圈 Deflector             |
| 7         | 1              | 泵盖 Pump Cover             |
| 8         | 1              | 转向牌 Chang direction plate |
| 9         | 1              | 电动机 Motor                 |
| 10        | 8              | 螺栓 Bolt                   |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

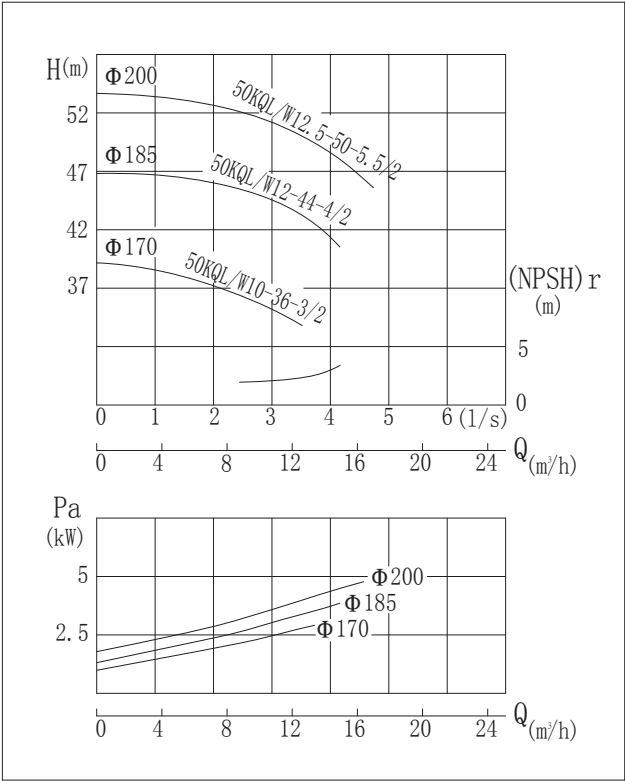


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE           | DN | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|----------------------|----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| 50KQL10-11-0.75/2    | 50 | 370            | 185 | 115 | 24 | 395            | 120            | 265            | 100 |
| 50KQL12.5-12.5-1.1/2 | 50 | 370            | 185 | 115 | 24 | 395            | 120            | 265            | 100 |
| 50KQL11-16-1.1/2     | 50 | 370            | 185 | 115 | 24 | 395            | 120            | 265            | 100 |
| 50KQL12.5-20-1.5/2   | 50 | 370            | 185 | 115 | 24 | 440            | 155            | 280            | 100 |
| 50KQL10-27-1.5/2     | 50 | 370            | 185 | 115 | 24 | 440            | 120            | 280            | 100 |
| 50KQL12.5-32-2.2/2   | 50 | 370            | 185 | 115 | 24 | 470            | 120            | 280            | 100 |
| 50KQL10-36-3/2       | 50 | 380            | 190 | 127 | 24 | 513            | 155            | 325            | 120 |
| 50KQL12-44-4/2       | 50 | 380            | 190 | 127 | 24 | 548            | 155            | 345            | 120 |
| 50KQL12.5-50-5.5/2   | 50 | 380            | 190 | 127 | 24 | 578            | 185            | 400            | 120 |



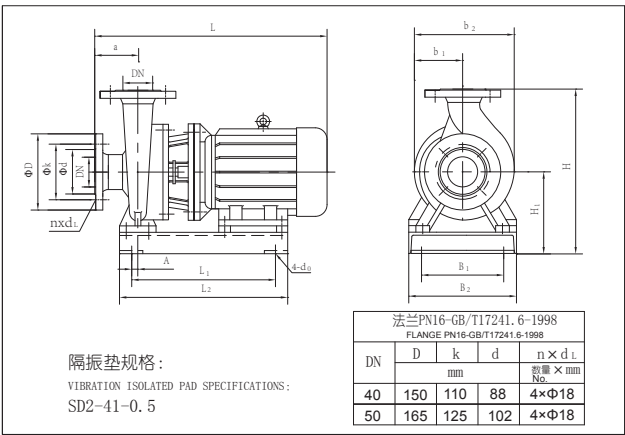
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE            | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|------------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                        | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 50KQL/W11-10-0.75/2    | 8              | 2.22  | 11                | 2960                   | 66                      | 0.75                      | 2.3                          | 38                   |
|                        | 11             | 3.05  | 10                |                        |                         |                           |                              |                      |
|                        | 13.2           | 3.67  | 9                 |                        |                         |                           |                              |                      |
| 50KQL/W12.5-12.5-1.1/2 | 8.8            | 2.44  | 13.6              | 2960                   | 66.2                    | 1.1                       | 2.3                          | 40                   |
|                        | 12.5           | 3.47  | 12.5              |                        |                         |                           |                              |                      |
|                        | 15             | 4.17  | 11.3              |                        |                         |                           |                              |                      |
| 50KQL/W11-16-1.1/2     | 8              | 2.22  | 17                | 2960                   | 61                      | 1.1                       | 2.3                          | 40                   |
|                        | 11             | 3.05  | 16                |                        |                         |                           |                              |                      |
|                        | 13.2           | 3.67  | 14                |                        |                         |                           |                              |                      |
| 50KQL/W12.5-20-1.5/2   | 8.8            | 2.44  | 21.5              | 2960                   | 62.1                    | 1.5                       | 2.3                          | 48                   |
|                        | 12.5           | 3.47  | 20                |                        |                         |                           |                              |                      |
|                        | 15             | 4.17  | 17.8              |                        |                         |                           |                              |                      |
| 50KQL/W10-27-1.5/2     | 7.0            | 1.94  | 28.35             | 2960                   | 55                      | 1.5                       | 2.3                          | 51                   |
|                        | 10             | 2.78  | 27                |                        |                         |                           |                              |                      |
|                        | 11.0           | 3.06  | 26.2              |                        |                         |                           |                              |                      |
| 50KQL/W12.5-32-2.2/2   | 8.8            | 2.43  | 33.6              | 2960                   | 56                      | 2.2                       | 2.3                          | 59                   |
|                        | 12.5           | 3.47  | 32                |                        |                         |                           |                              |                      |
|                        | 13.8           | 3.82  | 30                |                        |                         |                           |                              |                      |
| 50KQL/W10-36-3/2       | 7.3            | 2.02  | 38                | 2960                   | 48                      | 3                         | 2.3                          | 65                   |
|                        | 10.4           | 2.89  | 36                |                        |                         |                           |                              |                      |
|                        | 12.5           | 3.47  | 33                |                        |                         |                           |                              |                      |
| 50KQL/W12-44-4/2       | 8.3            | 2.31  | 45.8              | 2960                   | 49                      | 4                         | 2.3                          | 80                   |
|                        | 11.7           | 3.25  | 44                |                        |                         |                           |                              |                      |
|                        | 14.0           | 3.89  | 42                |                        |                         |                           |                              |                      |
| 50KQL/W12.5-50-5.5/2   | 8.8            | 2.43  | 52                | 2960                   | 49.5                    | 5.5                       | 2.3                          | 105                  |
|                        | 12.5           | 3.47  | 50                |                        |                         |                           |                              |                      |
|                        | 15.0           | 4.17  | 48                |                        |                         |                           |                              |                      |

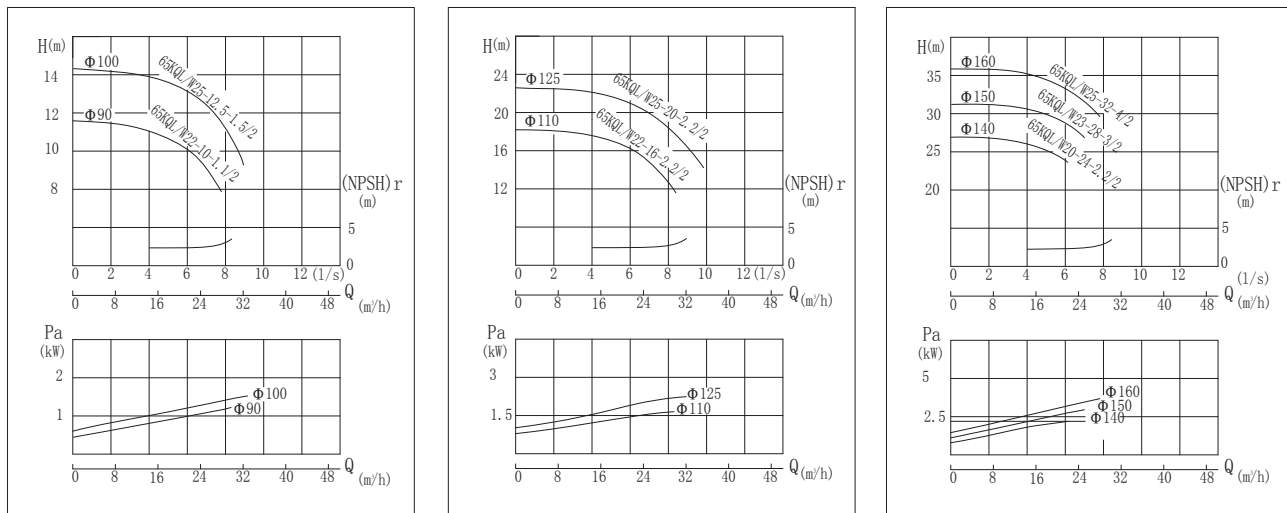
尺寸图DIMENSION FIGURE



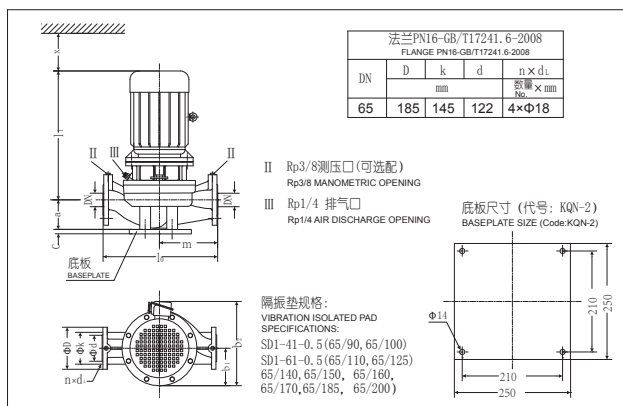
KQW尺寸表DIMENSION TABLE

| 型 号<br><br>TYPE      | 外形 尺寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |      |    | DN |
|----------------------|----------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|------|----|----|
|                      | L                          | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |    |    |
|                      |                            |     |                |                |                                  |     |                |                |                |                |                |      |    |    |
| 50KQW10-11-0.75/2    | 475                        | 379 | 250            | 125            | 4-φ12                            | 80  | 245            | 160            | 345            | 250            | 219            | 0    | 50 |    |
| 50KQW12.5-12.5-1.1/2 | 475                        | 379 | 250            | 125            | 4-φ12                            | 80  | 245            | 160            | 345            | 250            | 219            | 0    | 50 |    |
| 50KQW11-16-1.1/2     | 475                        | 379 | 250            | 125            | 4-φ12                            | 80  | 245            | 160            | 345            | 250            | 219            | 0    | 50 |    |
| 50KQW12.5-20-1.5/2   | 520                        | 379 | 250            | 125            | 4-φ12                            | 80  | 255            | 160            | 360            | 250            | 219            | 0    | 50 |    |
| 50KQW10-27-1.5/2     | 520                        | 379 | 250            | 125            | 4-φ12                            | 80  | 255            | 160            | 360            | 250            | 219            | 0    | 50 |    |
| 50KQW12.5-32-2.2/2   | 550                        | 379 | 250            | 125            | 4-φ12                            | 80  | 280            | 160            | 385            | 250            | 219            | 0    | 50 |    |
| 50KQW10-36-3/2       | 613                        | 502 | 320            | 160            | 4-φ15                            | 100 | 325            | 220            | 425            | 320            | 277            | 12.5 | 50 |    |
| 50KQW12-44-4/2       | 648                        | 502 | 320            | 160            | 4-φ15                            | 100 | 335            | 220            | 435            | 320            | 277            | 12.5 | 50 |    |
| 50KQW12.5-50-5.5/2   | 678                        | 502 | 320            | 160            | 4-φ15                            | 100 | 370            | 220            | 470            | 320            | 277            | 12.5 | 50 |    |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

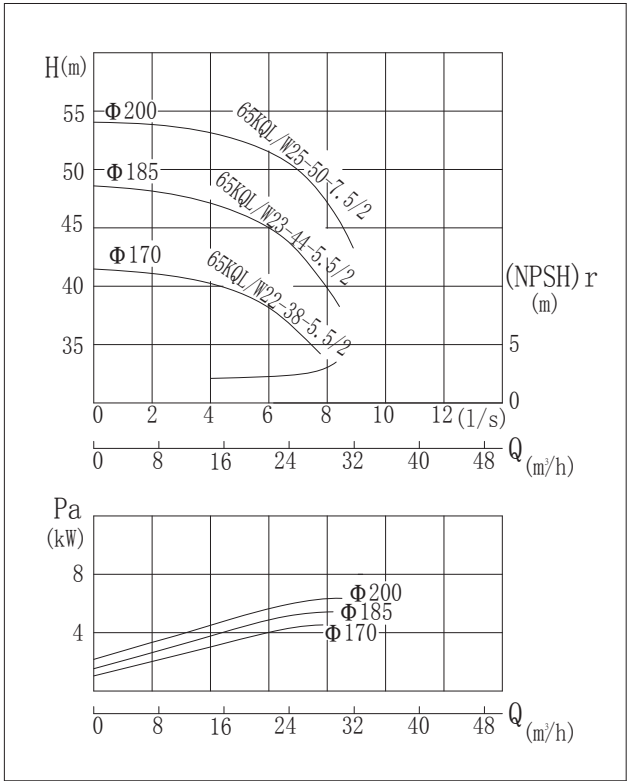


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|--------------------|----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| 65KQL22-10-1.1/2   | 65 | 420            | 210 | 130 | 30 | 395            | 120            | 265            | 105 |
| 65KQL25-12.5-1.5/2 | 65 | 420            | 210 | 130 | 30 | 440            | 120            | 280            | 105 |
| 65KQL22-16-2.2/2   | 65 | 420            | 210 | 130 | 30 | 470            | 120            | 280            | 105 |
| 65KQL25-20-2.2/2   | 65 | 420            | 210 | 130 | 30 | 470            | 120            | 280            | 105 |
| 65KQL20-24-2.2/2   | 65 | 420            | 210 | 130 | 30 | 470            | 120            | 280            | 105 |
| 65KQL23-28-3/2     | 65 | 420            | 210 | 130 | 30 | 505            | 125            | 295            | 105 |
| 65KQL25-32-4/2     | 65 | 420            | 210 | 130 | 30 | 540            | 125            | 315            | 105 |
| 65KQL22-38-5.5/2   | 65 | 400            | 200 | 150 | 30 | 577            | 185            | 400            | 105 |
| 65KQL23-44-5.5/2   | 65 | 400            | 200 | 150 | 30 | 577            | 185            | 400            | 105 |
| 65KQL25-50-7.5/2   | 65 | 400            | 200 | 150 | 30 | 577            | 185            | 400            | 105 |



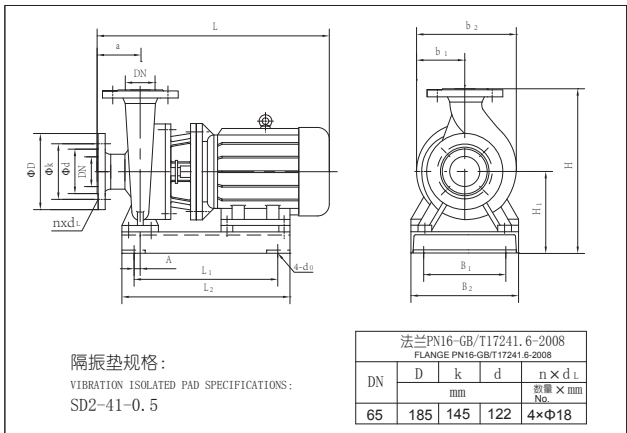
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                      | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 65KQL/W22-10-1.1/2   | 15.6           | 4.3   | 11                | 2960                   | 65                      | 1.1                       | 2.5                          | 31                   |
|                      | 22.3           | 6.19  | 10                |                        |                         |                           |                              |                      |
|                      | 27             | 7.5   | 8.4               |                        |                         |                           |                              |                      |
| 65KQL/W25-12.5-1.5/2 | 17.5           | 4.86  | 13.7              | 2960                   | 65.5                    | 1.5                       | 2.5                          | 53                   |
|                      | 25             | 6.94  | 12.5              |                        |                         |                           |                              |                      |
|                      | 30             | 8.33  | 10.5              |                        |                         |                           |                              |                      |
| 65KQL/W22-16-2.2/2   | 15.6           | 4.3   | 17                | 2960                   | 65                      | 2.2                       | 2.5                          | 58                   |
|                      | 22.3           | 6.19  | 16                |                        |                         |                           |                              |                      |
|                      | 27             | 7.5   | 14.4              |                        |                         |                           |                              |                      |
| 65KQL/W25-20-2.2/2   | 17.5           | 4.86  | 21                | 2960                   | 71.4                    | 2.2                       | 2.5                          | 64                   |
|                      | 25             | 6.94  | 20                |                        |                         |                           |                              |                      |
|                      | 27.5           | 7.64  | 18.5              |                        |                         |                           |                              |                      |
| 65KQL/W20-24-2.2/2   | 14             | 3.89  | 25.2              | 2960                   | 65                      | 2.2                       | 2.5                          | 64                   |
|                      | 20             | 6     | 24                |                        |                         |                           |                              |                      |
|                      | 22             | 6.11  | 23.2              |                        |                         |                           |                              |                      |
| 65KQL/W23-28-3/2     | 16.1           | 4.47  | 29.4              | 2960                   | 66                      | 3                         | 2.5                          | 75                   |
|                      | 23             | 6.5   | 28                |                        |                         |                           |                              |                      |
|                      | 25.3           | 7.03  | 26.8              |                        |                         |                           |                              |                      |
| 65KQL/W25-32-4/2     | 17.5           | 4.86  | 34.3              | 2960                   | 66.7                    | 4                         | 2.5                          | 73                   |
|                      | 25             | 6.94  | 32                |                        |                         |                           |                              |                      |
|                      | 30             | 8.33  | 28.5              |                        |                         |                           |                              |                      |
| 65KQL/W22-38-5.5/2   | 15.2           | 4.22  | 40                | 2960                   | 57                      | 5.5                       | 2.5                          | 100                  |
|                      | 21.8           | 6.06  | 38                |                        |                         |                           |                              |                      |
|                      | 26.2           | 7.27  | 34.5              |                        |                         |                           |                              |                      |
| 65KQL/W23-44-5.5/2   | 16.4           | 4.55  | 46.2              | 2960                   | 58                      | 5.5                       | 2.5                          | 107                  |
|                      | 23.4           | 6.5   | 44                |                        |                         |                           |                              |                      |
|                      | 25.7           | 7.15  | 39.6              |                        |                         |                           |                              |                      |
| 65KQL/W25-50-7.5/2   | 17.5           | 4.86  | 52.7              | 2960                   | 59                      | 7.5                       | 2.5                          | 107                  |
|                      | 25             | 6.94  | 50                |                        |                         |                           |                              |                      |
|                      | 30             | 8.33  | 45.5              |                        |                         |                           |                              |                      |

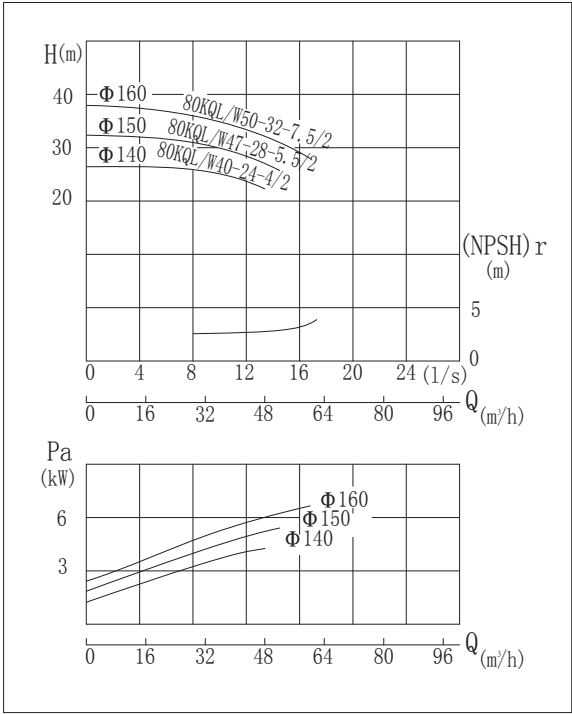
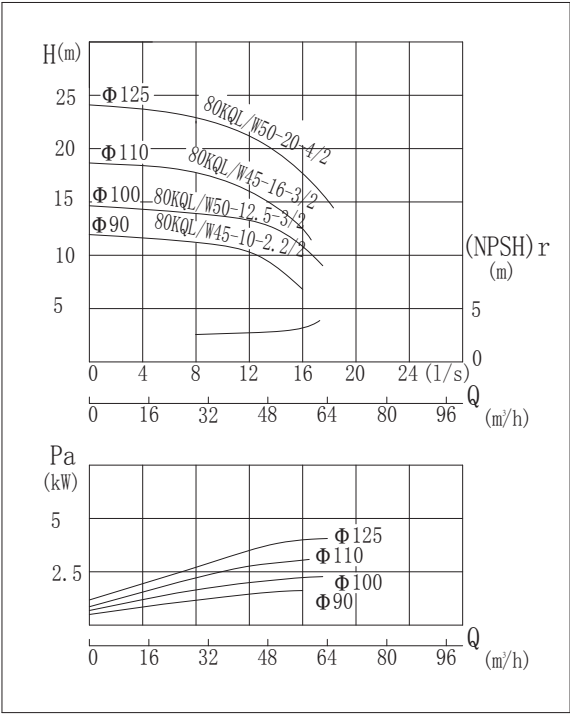
尺寸图DIMENSION FIGURE



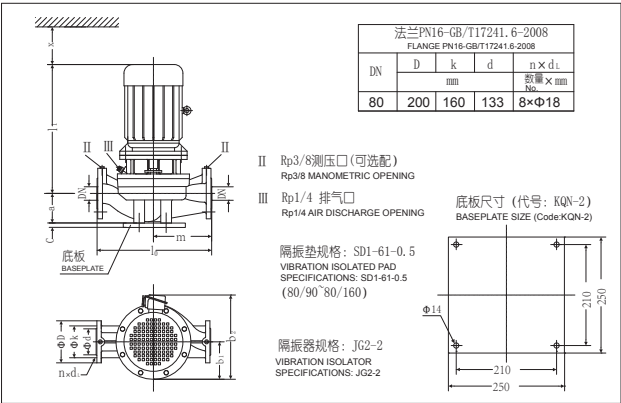
KQW尺寸表DIMENSION TABLE

| 型 号<br><br>TYPE    | 外 形 尺 寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |      |    | DN |
|--------------------|------------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|------|----|----|
|                    | L                            | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |    |    |
| 65KQW22-10-1.1/2   | 475                          | 409 | 250            | 125            | 4-φ12                            | 80  | 245            | 160            | 345            | 250            | 219            | 0    | 65 |    |
| 65KQW25-12.5-1.5/2 | 520                          | 409 | 250            | 125            | 4-φ12                            | 80  | 255            | 160            | 360            | 250            | 219            | 0    | 65 |    |
| 65KQW22-16-2.2/2   | 550                          | 409 | 250            | 125            | 4-φ12                            | 80  | 280            | 160            | 385            | 250            | 219            | 0    | 65 |    |
| 65KQW25-20-2.2/2   | 550                          | 409 | 250            | 125            | 4-φ12                            | 80  | 280            | 160            | 385            | 250            | 219            | 0    | 65 |    |
| 65KQW20-24-2.2/2   | 550                          | 409 | 250            | 125            | 4-φ12                            | 80  | 280            | 160            | 385            | 250            | 219            | 0    | 65 |    |
| 65KQW23-28-3/2     | 585                          | 409 | 250            | 125            | 4-φ12                            | 80  | 300            | 160            | 405            | 250            | 219            | 0    | 65 |    |
| 65KQW25-32-4/2     | 620                          | 409 | 250            | 125            | 4-φ12                            | 80  | 310            | 160            | 410            | 250            | 219            | 0    | 65 |    |
| 65KQW22-38-5.5/2   | 677                          | 507 | 320            | 160            | 4-φ15                            | 100 | 370            | 220            | 470            | 320            | 277            | 12.5 | 65 |    |
| 65KQW23-44-5.5/2   | 677                          | 507 | 320            | 160            | 4-φ15                            | 100 | 370            | 220            | 470            | 320            | 277            | 12.5 | 65 |    |
| 65KQW25-50-7.5/2   | 677                          | 507 | 320            | 160            | 4-φ15                            | 100 | 370            | 220            | 470            | 320            | 277            | 12.5 | 65 |    |

性能曲线CHARACTERISTIC CURVE



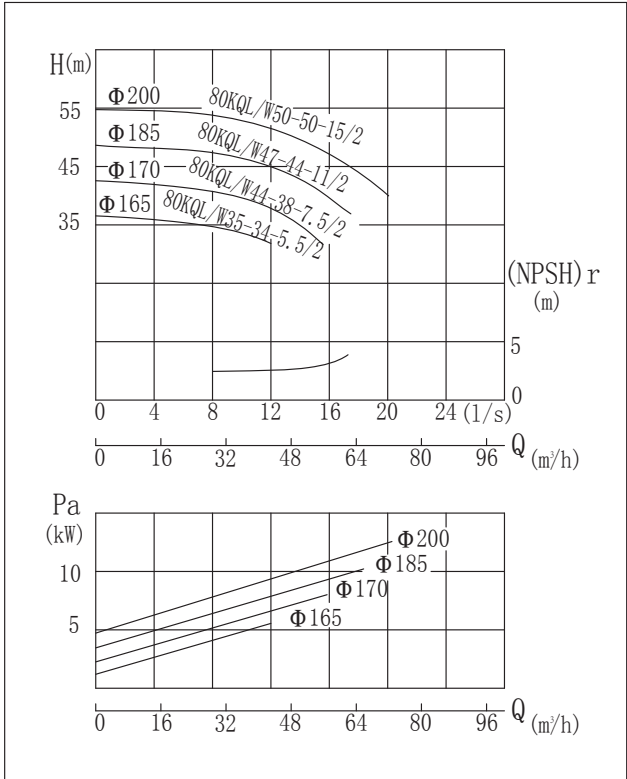
尺寸图DIMENSION FIGURE



KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE       | DN | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|------------------|----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                  |    | mm             |     |     |    |                |                |                |     |
| 80KQL45-10-2.2/2 | 80 | 490            | 245 | 145 | 30 | 470            | 120            | 290            | 110 |
| 80KQL50-12.5-3/2 | 80 | 490            | 245 | 145 | 30 | 505            | 125            | 295            | 110 |
| 80KQL45-16-3/2   | 80 | 490            | 245 | 145 | 30 | 505            | 125            | 295            | 110 |
| 80KQL50-20-4/2   | 80 | 490            | 245 | 145 | 30 | 540            | 125            | 315            | 110 |
| 80KQL40-24-4/2   | 80 | 490            | 245 | 145 | 30 | 540            | 125            | 315            | 110 |
| 80KQL47-28-5.5/2 | 80 | 490            | 245 | 145 | 30 | 560            | 185            | 400            | 110 |
| 80KQL50-32-7.5/2 | 80 | 490            | 245 | 145 | 30 | 560            | 185            | 400            | 110 |
| 80KQL35-34-5.5/2 | 80 | 490            | 245 | 145 | 30 | 560            | 185            | 400            | 110 |
| 80KQL44-38-7.5/2 | 80 | 540            | 270 | 155 | 30 | 577            | 185            | 400            | 120 |
| 80KQL47-44-11/2  | 80 | 540            | 270 | 155 | 30 | 705            | 225            | 485            | 120 |
| 80KQL50-50-15/2  | 80 | 540            | 270 | 155 | 30 | 705            | 225            | 485            | 120 |

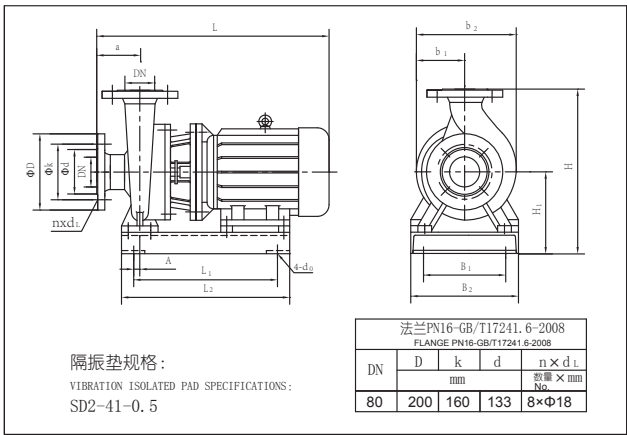
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE        | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|--------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                    | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 80KQL/W45-10-2.2/2 | 31.3           | 8.7   | 11.5              | 2960                   | 72                      | 2.2                       | 3                            | 63                   |
|                    | 44.7           | 12.5  | 10                |                        |                         |                           |                              |                      |
|                    | 53.6           | 14.9  | 8                 |                        |                         |                           |                              |                      |
| 80KQL/W50-12.5-3/2 | 35             | 9.72  | 14                | 2960                   | 73                      | 3                         | 3                            | 80                   |
|                    | 50             | 13.9  | 12.5              |                        |                         |                           |                              |                      |
|                    | 60             | 16.7  | 10.1              |                        |                         |                           |                              |                      |
| 80KQL/W45-16-3/2   | 31.5           | 8.75  | 17.5              | 2960                   | 76.4                    | 3                         | 3                            | 79                   |
|                    | 45             | 12.5  | 16                |                        |                         |                           |                              |                      |
|                    | 49.5           | 13.75 | 15                |                        |                         |                           |                              |                      |
| 80KQL/W50-20-4/2   | 35             | 9.72  | 21                | 2960                   | 76.9                    | 4                         | 3                            | 105                  |
|                    | 50             | 13.9  | 20                |                        |                         |                           |                              |                      |
|                    | 55             | 15.28 | 18.3              |                        |                         |                           |                              |                      |
| 80KQL/W40-24-4/2   | 28             | 7.78  | 25.2              | 2960                   | 75                      | 4                         | 3                            | 105                  |
|                    | 40             | 12    | 24                |                        |                         |                           |                              |                      |
|                    | 44             | 12.22 | 21.6              |                        |                         |                           |                              |                      |
| 80KQL/W47-28-5.5/2 | 32.69          | 9.08  | 30                | 2960                   | 75                      | 5.5                       | 3                            | 112                  |
|                    | 46.7           | 13    | 28                |                        |                         |                           |                              |                      |
|                    | 51.37          | 14.27 | 25.8              |                        |                         |                           |                              |                      |
| 80KQL/W50-32-7.5/2 | 35             | 9.72  | 35                | 2960                   | 75.4                    | 7.5                       | 3                            | 108                  |
|                    | 50             | 13.9  | 32                |                        |                         |                           |                              |                      |
|                    | 60             | 16.7  | 28                |                        |                         |                           |                              |                      |
| 80KQL/W35-34-5.5/2 | 24.5           | 6.81  | 35.7              | 2960                   | 70                      | 5.5                       | 3                            | 112                  |
|                    | 35             | 9.72  | 34                |                        |                         |                           |                              |                      |
|                    | 38.5           | 10.69 | 32                |                        |                         |                           |                              |                      |
| 80KQL/W44-38-7.5/2 | 30.5           | 8.5   | 40.6              | 2960                   | 70                      | 7.5                       | 3                            | 115                  |
|                    | 43.5           | 12.1  | 38                |                        |                         |                           |                              |                      |
|                    | 52             | 14.4  | 33.4              |                        |                         |                           |                              |                      |
| 80KQL/W47-44-11/2  | 32.8           | 9.1   | 47                | 2960                   | 70                      | 11                        | 3                            | 165                  |
|                    | 47             | 13.1  | 44                |                        |                         |                           |                              |                      |
|                    | 56.4           | 15.7  | 40                |                        |                         |                           |                              |                      |
| 80KQL/W50-50-15/2  | 35             | 9.72  | 53.5              | 2960                   | 71.4                    | 15                        | 3                            | 185                  |
|                    | 50             | 13.9  | 50                |                        |                         |                           |                              |                      |
|                    | 60             | 16.67 | 46                |                        |                         |                           |                              |                      |

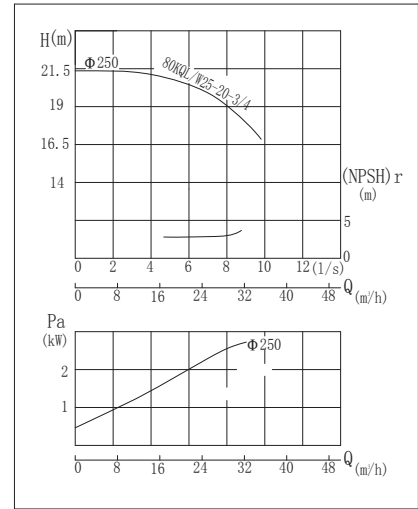
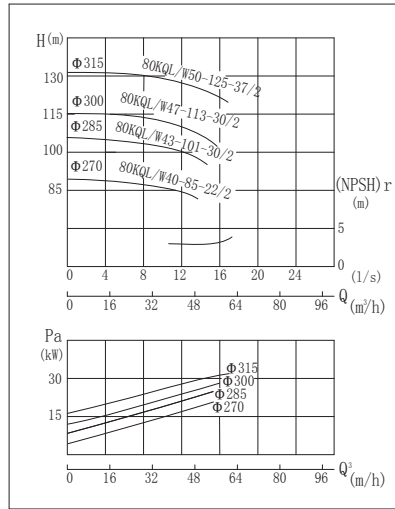
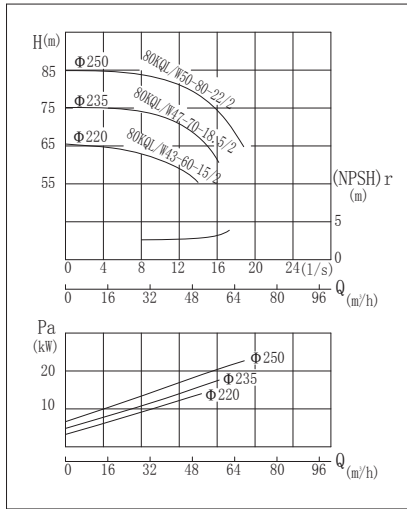
尺寸图DIMENSION FIGURE



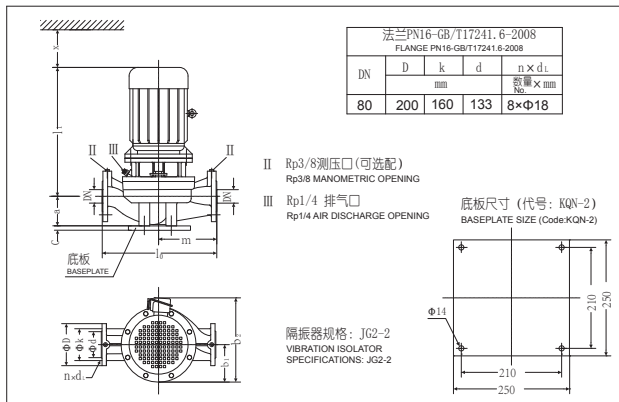
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE      | 外形尺寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |      |    | DN |
|------------------|---------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|------|----|----|
|                  | L                         | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |    |    |
| 80KQW45-10-2.2/2 | 570                       | 457 | 256            | 125            | 4-φ12                            | 100 | 290            | 160            | 390            | 250            | 247            | 0    | 80 |    |
| 80KQW50-12.5-3/2 | 605                       | 457 | 256            | 125            | 4-φ12                            | 100 | 300            | 160            | 400            | 250            | 247            | 0    | 80 |    |
| 80KQW45-16-3/2   | 605                       | 457 | 256            | 125            | 4-φ12                            | 100 | 300            | 160            | 400            | 250            | 247            | 0    | 80 |    |
| 80KQW50-20-4/2   | 640                       | 457 | 256            | 125            | 4-φ12                            | 100 | 310            | 160            | 410            | 250            | 247            | 0    | 80 |    |
| 80KQW40-24-4/2   | 640                       | 457 | 256            | 125            | 4-φ12                            | 100 | 310            | 160            | 410            | 250            | 247            | 0    | 80 |    |
| 80KQW47-28-5.5/2 | 670                       | 461 | 300            | 150            | 4-φ15                            | 100 | 350            | 180            | 450            | 280            | 251            | 0    | 80 |    |
| 80KQW50-32-7.5/2 | 670                       | 461 | 300            | 150            | 4-φ15                            | 100 | 350            | 180            | 450            | 275            | 251            | 0    | 80 |    |
| 80KQW35-34-5.5/2 | 670                       | 527 | 323            | 160            | 4-φ15                            | 125 | 370            | 220            | 470            | 320            | 277            | 12.5 | 80 |    |
| 80KQW44-38-7.5/2 | 700                       | 527 | 323            | 160            | 4-φ15                            | 125 | 370            | 220            | 470            | 330            | 277            | 12.5 | 80 |    |
| 80KQW47-44-11/2  | 842                       | 527 | 350            | 175            | 4-φ15                            | 125 | 470            | 220            | 570            | 330            | 277            | 12.5 | 80 |    |
| 80KQW50-50-15/2  | 840                       | 527 | 350            | 175            | 4-φ15                            | 125 | 470            | 220            | 570            | 320            | 277            | 12.5 | 80 |    |

## 性能曲线CHARACTERISTIC CURVE



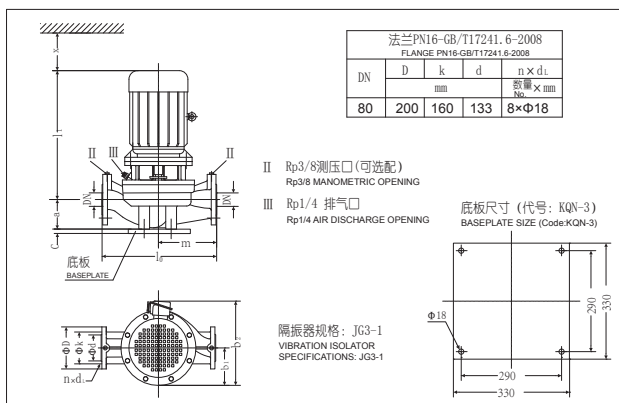
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE        | DN | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|-------------------|----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                   |    | mm             |     |     |    |                |                |                |     |
| 80KQL43-60-15/2   | 80 | 540            | 270 | 155 | 30 | 705            | 225            | 485            | 120 |
| 80KQL47-70-18.5/2 | 80 | 540            | 270 | 155 | 30 | 735            | 225            | 485            | 120 |
| 80KQL50-80-22/2   | 80 | 540            | 270 | 155 | 30 | 775            | 250            | 530            | 120 |

## 尺寸图DIMENSION FIGURE

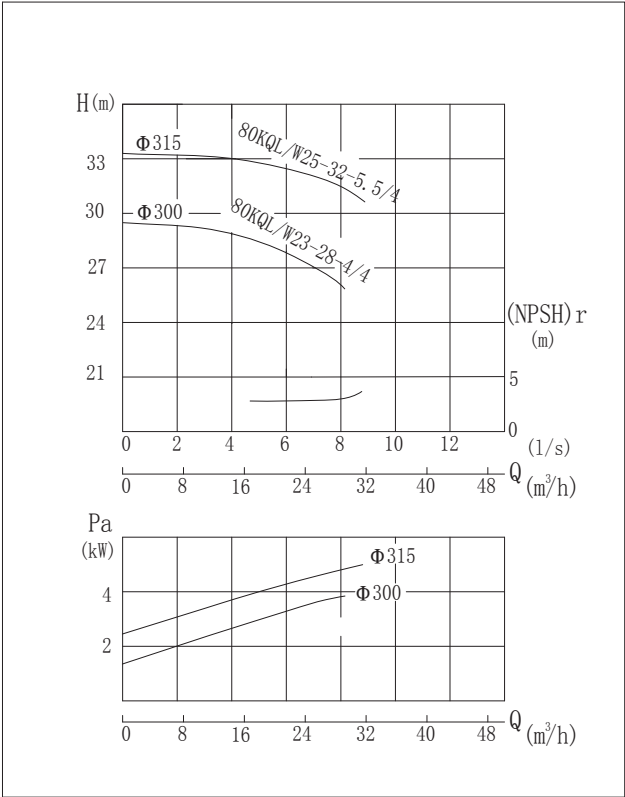


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE       | DN | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|------------------|----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                  |    | mm             |     |     |    |                |                |                |     |
| 80KQL40-85-22/2  | 80 | 600            | 290 | 175 | 30 | 790            | 200            | 430            | 120 |
| 80KQL43-101-30/2 | 80 | 600            | 290 | 175 | 30 | 840            | 210            | 545            | 120 |
| 80KQL47-113-30/2 | 80 | 600            | 290 | 175 | 30 | 840            | 210            | 545            | 120 |
| 80KQL50-125-37/2 | 80 | 600            | 290 | 175 | 30 | 840            | 210            | 545            | 120 |
| 80KQL25-20-3/4   | 80 | 540            | 270 | 155 | 30 | 521            | 155            | 335            | 120 |
| 80KQL23-28-4/4   | 80 | 600            | 290 | 175 | 30 | 570            | 210            | 545            | 120 |
| 80KQL25-32-5.5/4 | 80 | 600            | 290 | 175 | 30 | 590            | 210            | 545            | 120 |



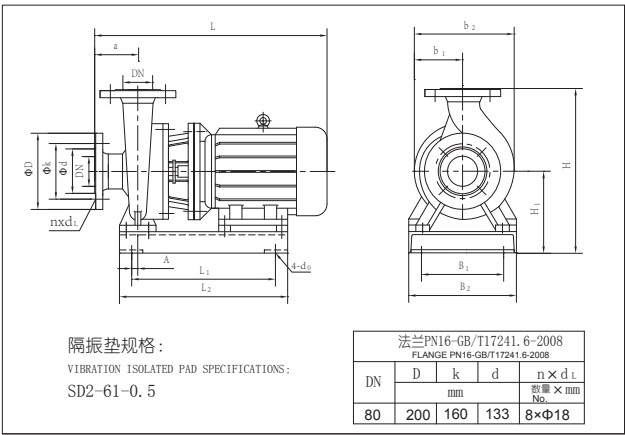
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE         | 流量<br>Capacity |      | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|---------------------|----------------|------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                     | 3<br>(m³/h)    | 1/s  |                   |                        |                         |                           |                              |                      |
| 80KQL/W43-60-15/2   | 30             | 8.3  | 62                | 2960                   | 61                      | 15                        | 3                            | 186                  |
|                     | 43.3           | 12   | 60                |                        |                         |                           |                              |                      |
|                     | 52             | 14.4 | 54                |                        |                         |                           |                              |                      |
| 80KQL/W47-70-18.5/2 | 32.5           | 9    | 73                | 2960                   | 62                      | 18.5                      | 3                            | 245                  |
|                     | 46.7           | 13   | 70                |                        |                         |                           |                              |                      |
|                     | 56             | 15.6 | 63                |                        |                         |                           |                              |                      |
| 80KQL/W50-80-22/2   | 35             | 9.72 | 83                | 2960                   | 63                      | 22                        | 3                            | 240                  |
|                     | 50             | 13.9 | 80                |                        |                         |                           |                              |                      |
|                     | 60             | 16.7 | 72                |                        |                         |                           |                              |                      |
| 80KQL/W40-85-22/2   | 28             | 7.78 | 88                | 2960                   | 54                      | 22                        | 3                            | 249                  |
|                     | 40             | 11.1 | 85                |                        |                         |                           |                              |                      |
|                     | 48             | 13.3 | 78                |                        |                         |                           |                              |                      |
| 80KQL/W43-101-30/2  | 30             | 8.3  | 105               | 2960                   | 55                      | 30                        | 3                            | 380                  |
|                     | 43.3           | 12   | 101               |                        |                         |                           |                              |                      |
|                     | 52             | 14.4 | 94                |                        |                         |                           |                              |                      |
| 80KQL/W47-113-30/2  | 32.5           | 9    | 117               | 2960                   | 56                      | 30                        | 3                            | 380                  |
|                     | 46.7           | 13   | 113               |                        |                         |                           |                              |                      |
|                     | 56             | 15.6 | 106               |                        |                         |                           |                              |                      |
| 80KQL/W50-125-37/2  | 35             | 9.72 | 129               | 2960                   | 57                      | 37                        | 3                            | 450                  |
|                     | 50             | 13.9 | 125               |                        |                         |                           |                              |                      |
|                     | 60             | 16.7 | 118               |                        |                         |                           |                              |                      |
| 80KQL/W25-20-3/4    | 15             | 4.17 | 21                | 1480                   | 59                      | 3                         | 2.8                          | 175                  |
|                     | 25             | 6.94 | 20                |                        |                         |                           |                              |                      |
|                     | 30             | 8.33 | 18.3              |                        |                         |                           |                              |                      |
| 80KQL/W23-28-4/4    | 14             | 3.89 | 28.3              | 1480                   | 52                      | 4                         | 2.8                          | 132                  |
|                     | 23             | 6.39 | 27.9              |                        |                         |                           |                              |                      |
|                     | 28             | 7.78 | 25.3              |                        |                         |                           |                              |                      |
| 80KQL/W25-32-5.5/4  | 15             | 4.17 | 33                | 1480                   | 52.6                    | 5.5                       | 2.8                          | 107                  |
|                     | 25             | 6.94 | 32                |                        |                         |                           |                              |                      |
|                     | 30             | 8.33 | 30                |                        |                         |                           |                              |                      |

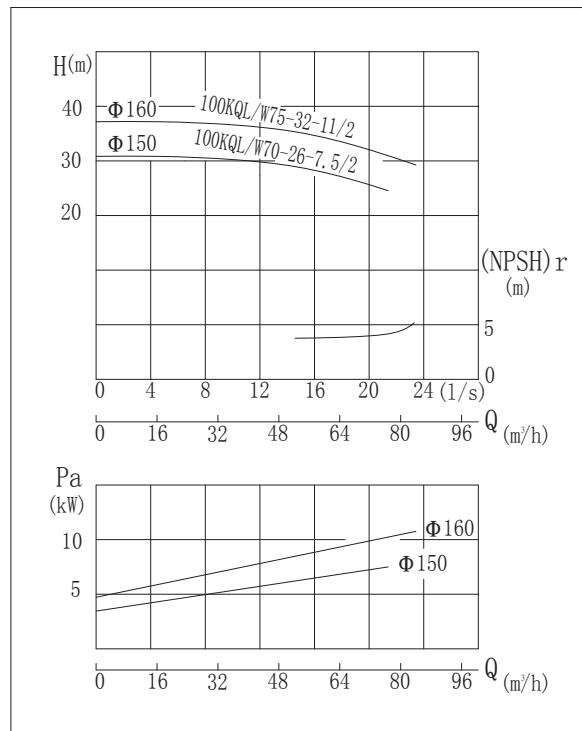
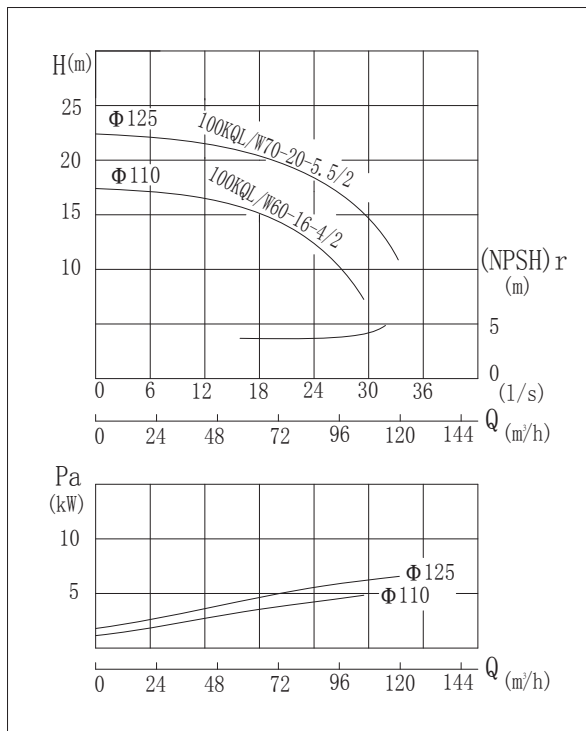
尺寸图DIMENSION FIGURE



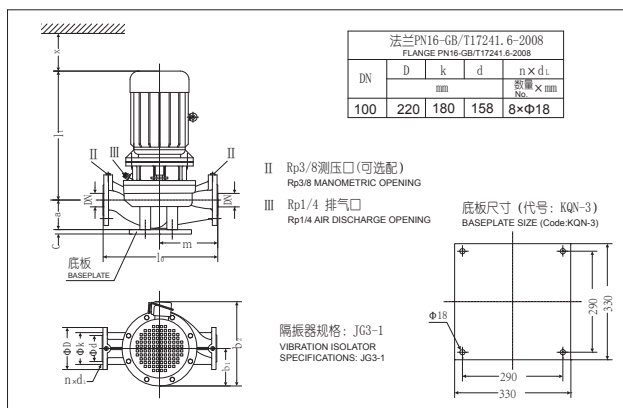
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE       | 外形尺寸<br>Figure dimensions |     |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |      | DN |
|-------------------|---------------------------|-----|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|------|----|
|                   | L                         | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>              | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |    |
| 80KQW43-60-15/2   | 840                       | 527 | 350            | 175            | 4-φ15                         | 125 | 470            | 220            | 570            | 330            | 277            | 12.5 | 80 |
| 80KQW47-70-18.5/2 | 870                       | 527 | 350            | 175            | 4-φ15                         | 125 | 510            | 220            | 610            | 330            | 277            | 12.5 | 80 |
| 80KQW50-80-22/2   | 910                       | 535 | 380            | 190            | 4-φ15                         | 125 | 515            | 260            | 615            | 370            | 285            | 12.5 | 80 |
| 80KQW40-85-22/2   | 925                       | 620 | 393            | 190            | 4-φ15                         | 125 | 520            | 260            | 620            | 360            | 330            | 12.5 | 80 |
| 80KQW43-101-30/2  | 975                       | 619 | 420            | 210            | 4-φ15                         | 125 | 610            | 300            | 710            | 400            | 329            | 12.5 | 80 |
| 80KQW47-113-30/2  | 975                       | 619 | 420            | 210            | 4-φ15                         | 125 | 610            | 300            | 710            | 400            | 329            | 12.5 | 80 |
| 80KQW50-125-37/2  | 975                       | 619 | 420            | 210            | 4-φ15                         | 125 | 610            | 300            | 710            | 400            | 329            | 12.5 | 80 |
| 80KQW25-20-3/4    | 645                       | 527 | 323            | 160            | 4-φ15                         | 125 | 315            | 220            | 425            | 320            | 277            | 10   | 80 |
| 80KQW23-28-4/4    | 675                       | 620 | 392            | 189            | 4-φ15                         | 125 | 315            | 280            | 440            | 360            | 330            | 10   | 80 |
| 80KQW25-32-5.5/4  | 705                       | 620 | 392            | 189            | 4-φ15                         | 125 | 395            | 280            | 470            | 360            | 330            | 20   | 80 |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

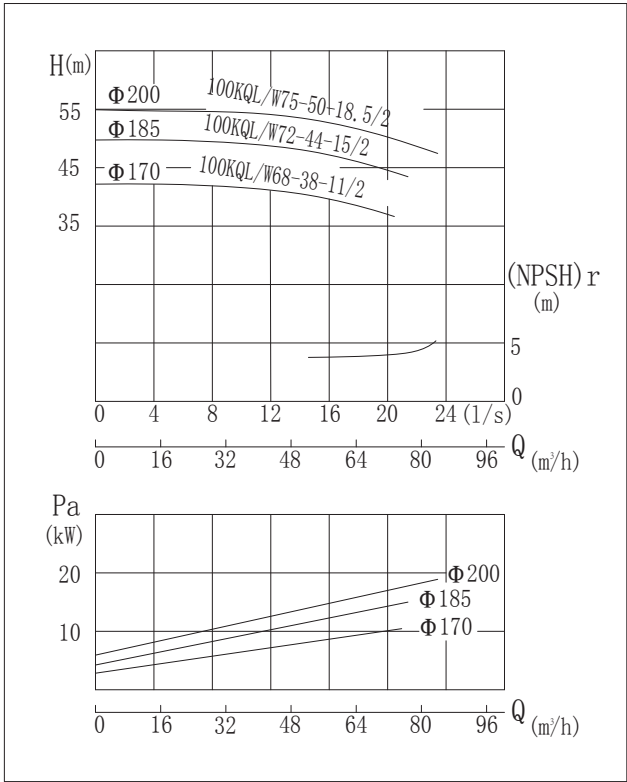


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|--------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                    |     | mm             |     |     |    |                |                |                |     |
| 100KQL60-16-4/2    | 100 | 580            | 280 | 180 | 30 | 560            | 125            | 315            | 130 |
| 100KQL70-20-5.5/2  | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |
| 100KQL70-26-7.5/2  | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |
| 100KQL75-32-11/2   | 100 | 580            | 280 | 180 | 30 | 710            | 225            | 485            | 130 |
| 100KQL68-38-11/2   | 100 | 580            | 280 | 180 | 30 | 720            | 225            | 485            | 130 |
| 100KQL72-44-15/2   | 100 | 580            | 280 | 180 | 30 | 720            | 225            | 485            | 130 |
| 100KQL75-50-18.5/2 | 100 | 580            | 280 | 180 | 30 | 750            | 225            | 485            | 130 |



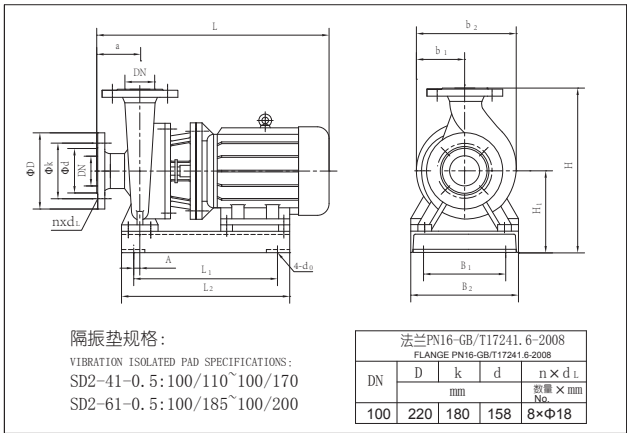
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |      | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                      | 3<br>(m³/h)    | l/s) |                   |                        |                         |                           |                              |                      |
| 100KQL/W60-16-4/2    | 42             | 11.7 | 17.5              | 2960                   | 77                      | 4                         | 4.5                          | 91                   |
|                      | 60             | 16.7 | 16                |                        |                         |                           |                              |                      |
|                      | 66             | 18.3 | 14.8              |                        |                         |                           |                              |                      |
| 100KQL/W70-20-5.5/2  | 49             | 13.6 | 22                | 2960                   | 78                      | 5.5                       | 4.5                          | 115                  |
|                      | 70             | 19.4 | 20                |                        |                         |                           |                              |                      |
|                      | 77             | 21.4 | 18.5              |                        |                         |                           |                              |                      |
| 100KQL/W70-26-7.5/2  | 49             | 13.6 | 27.3              | 2960                   | 77                      | 7.5                       | 4.5                          | 132                  |
|                      | 70             | 19.4 | 26                |                        |                         |                           |                              |                      |
|                      | 77             | 21.4 | 24.3              |                        |                         |                           |                              |                      |
| 100KQL/W75-32-11/2   | 52.5           | 14.6 | 34.5              | 2960                   | 78                      | 11                        | 4.5                          | 178                  |
|                      | 75             | 20.8 | 32                |                        |                         |                           |                              |                      |
|                      | 82.5           | 22.9 | 29.3              |                        |                         |                           |                              |                      |
| 100KQL/W68-38-11/2   | 47.6           | 13.2 | 41                | 2960                   | 74                      | 11                        | 4                            | 179                  |
|                      | 68             | 18.9 | 38                |                        |                         |                           |                              |                      |
|                      | 74.8           | 20.8 | 34.2              |                        |                         |                           |                              |                      |
| 100KQL/W72-44-15/2   | 50.4           | 14.0 | 48.5              | 2960                   | 75                      | 15                        | 4                            | 189                  |
|                      | 72             | 20.0 | 44                |                        |                         |                           |                              |                      |
|                      | 79.2           | 22.0 | 41                |                        |                         |                           |                              |                      |
| 100KQL/W75-50-18.5/2 | 52.5           | 14.6 | 53                | 2960                   | 76                      | 18.5                      | 4                            | 218                  |
|                      | 75             | 20.8 | 50                |                        |                         |                           |                              |                      |
|                      | 82.5           | 22.9 | 46                |                        |                         |                           |                              |                      |

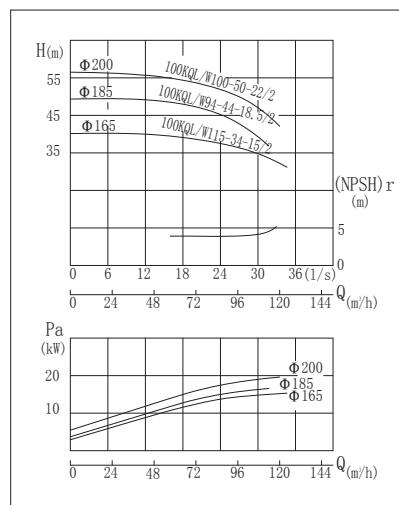
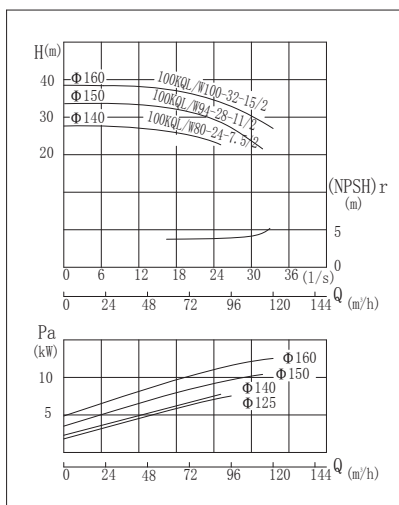
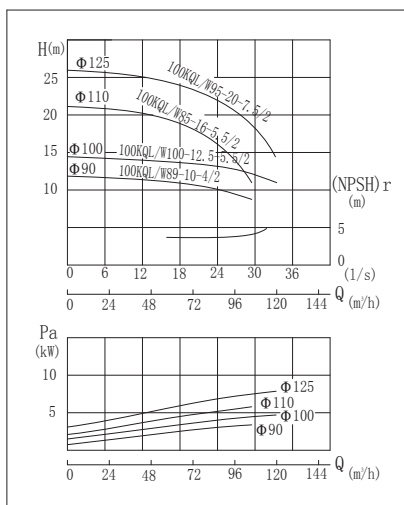
尺寸图DIMENSION FIGURE



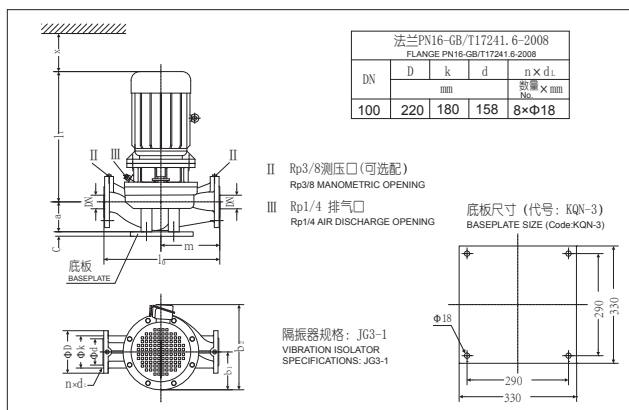
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE        | 外形 尺寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |      |     |  | DN |
|--------------------|----------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|------|-----|--|----|
|                    | L                          | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |     |  |    |
|                    |                            |     |                |                |                                  |     |                |                |                |                |                |      |     |  |    |
| 100KQW60-16-4/2    | 670                        | 516 | 302            | 150            | 4-φ15                            | 100 | 345            | 180            | 445            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW70-20-5.5/2  | 690                        | 516 | 302            | 150            | 4-φ15                            | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW70-26-7.5/2  | 690                        | 516 | 302            | 150            | 4-φ15                            | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW75-32-11/2   | 820                        | 517 | 350            | 175            | 4-φ15                            | 100 | 475            | 220            | 575            | 320            | 252            | 12.5 | 100 |  |    |
| 100KQW68-38-11/2   | 845                        | 595 | 368            | 180            | 4-φ15                            | 125 | 475            | 260            | 575            | 360            | 305            | 12.5 | 100 |  |    |
| 100KQW72-44-15/2   | 845                        | 595 | 368            | 180            | 4-φ15                            | 125 | 475            | 260            | 575            | 360            | 305            | 12.5 | 100 |  |    |
| 100KQW75-50-18.5/2 | 875                        | 595 | 368            | 180            | 4-φ15                            | 125 | 515            | 260            | 615            | 360            | 305            | 12.5 | 100 |  |    |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

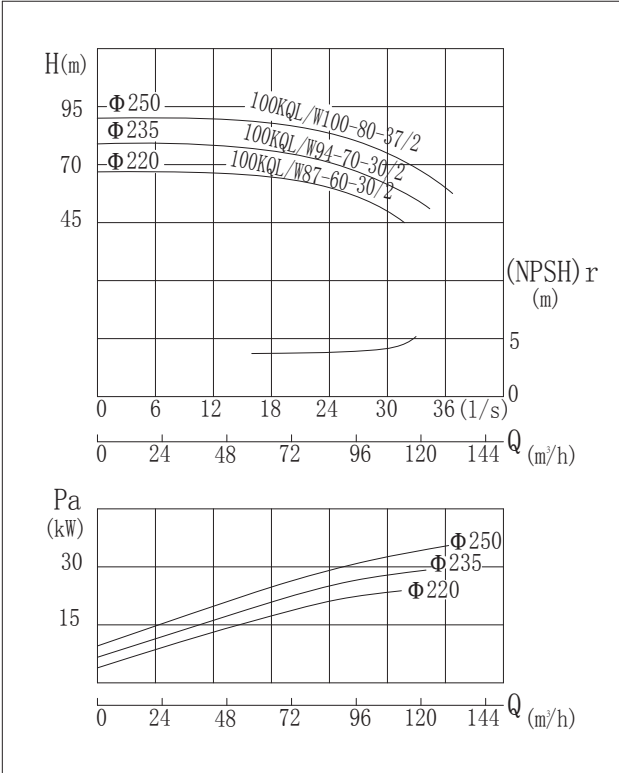


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE           | DN  | mm             |     |     |    |                |                |                |     |  |
|----------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|--|
|                      |     | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |  |
| 100KQL89-10-4/2      | 100 | 580            | 280 | 180 | 30 | 560            | 125            | 360            | 130 |  |
| 100KQL100-12.5-5.5/2 | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |  |
| 100KQL85-16-5.5/2    | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |  |
| 100KQL95-20-7.5/2    | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |  |
| 100KQL80-24-7.5/2    | 100 | 580            | 280 | 180 | 30 | 580            | 185            | 400            | 130 |  |
| 100KQL94-28-11/2     | 100 | 580            | 280 | 180 | 30 | 710            | 225            | 485            | 130 |  |
| 100KQL100-32-15/2    | 100 | 580            | 280 | 180 | 30 | 710            | 225            | 485            | 130 |  |
| 100KQL115-34-15/2    | 100 | 580            | 280 | 180 | 30 | 710            | 225            | 485            | 130 |  |
| 100KQL94-44-18.5/2   | 100 | 630            | 310 | 180 | 30 | 750            | 225            | 485            | 130 |  |
| 100KQL100-50-22/2    | 100 | 630            | 310 | 180 | 30 | 790            | 250            | 530            | 130 |  |
| 100KQL87-60-30/2     | 100 | 630            | 310 | 180 | 30 | 840            | 270            | 575            | 130 |  |
| 100KQL94-70-30/2     | 100 | 630            | 310 | 180 | 30 | 840            | 270            | 575            | 130 |  |
| 100KQL100-80-37/2    | 100 | 630            | 310 | 180 | 30 | 840            | 270            | 575            | 130 |  |



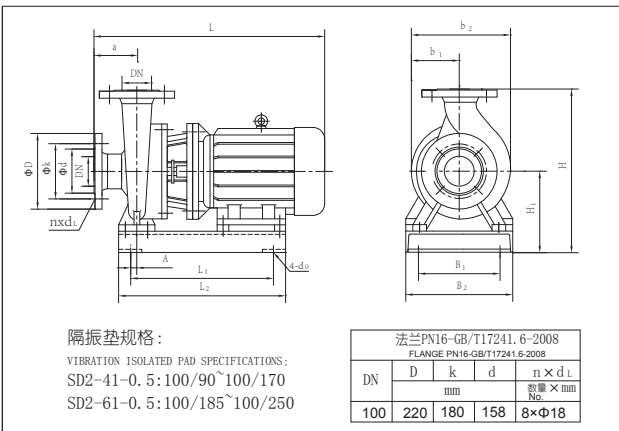
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型号<br>TYPE             | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|------------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                        | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 100KQL/W89-10-4/2      | 62.6           | 17.4  | 12                | 2960                   | 77                      | 4                         | 4.5                          | 94                   |
|                        | 89             | 24.7  | 10                |                        |                         |                           |                              |                      |
|                        | 107            | 29.7  | 8.8               |                        |                         |                           |                              |                      |
| 100KQL/W100-12.5-5.5/2 | 70             | 19.4  | 13.6              | 2960                   | 78                      | 5.5                       | 4.5                          | 113                  |
|                        | 100            | 27.8  | 12.5              |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 8                 |                        |                         |                           |                              |                      |
| 100KQL/W85-16-5.5/2    | 59.5           | 16.5  | 16.8              | 2960                   | 79                      | 5.5                       | 4.5                          | 115                  |
|                        | 85             | 23.6  | 16                |                        |                         |                           |                              |                      |
|                        | 93.5           | 26.0  | 14.4              |                        |                         |                           |                              |                      |
| 100KQL/W95-20-7.5/2    | 66.5           | 18.5  | 22.8              | 2960                   | 80                      | 7.5                       | 4.5                          | 132                  |
|                        | 95             | 26.4  | 20                |                        |                         |                           |                              |                      |
|                        | 104.5          | 29.0  | 18.5              |                        |                         |                           |                              |                      |
| 100KQL/W80-24-7.5/2    | 56             | 15.6  | 25.2              | 2960                   | 79                      | 7.5                       | 4.5                          | 135                  |
|                        | 80             | 22.2  | 24                |                        |                         |                           |                              |                      |
|                        | 88             | 24.4  | 22.4              |                        |                         |                           |                              |                      |
| 100KQL/W94-28-11/2     | 65.4           | 18.2  | 32                | 2960                   | 78                      | 11                        | 4.5                          | 190                  |
|                        | 93.5           | 26.0  | 28                |                        |                         |                           |                              |                      |
|                        | 112            | 31.1  | 23                |                        |                         |                           |                              |                      |
| 100KQL/W100-32-15/2    | 70             | 19.4  | 35                | 2960                   | 79                      | 15                        | 4.5                          | 195                  |
|                        | 100            | 27.8  | 32                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 27                |                        |                         |                           |                              |                      |
| 100KQL/W115-34-15/2    | 80.5           | 22.4  | 38.5              | 2960                   | 79                      | 15                        | 4.5                          | 190                  |
|                        | 115            | 31.9  | 34                |                        |                         |                           |                              |                      |
|                        | 126.5          | 35.1  | 32                |                        |                         |                           |                              |                      |
| 100KQL/W94-44-18.5/2   | 65.4           | 18.2  | 47.5              | 2960                   | 78                      | 18.5                      | 4                            | 218                  |
|                        | 93.5           | 26.0  | 44                |                        |                         |                           |                              |                      |
|                        | 112            | 31.1  | 37                |                        |                         |                           |                              |                      |
| 100KQL/W100-50-22/2    | 70             | 19.4  | 54                | 2960                   | 79                      | 22                        | 4                            | 250                  |
|                        | 100            | 27.8  | 50                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 42                |                        |                         |                           |                              |                      |
| 100KQL/W87-60-30/2     | 61             | 16.9  | 65                | 2960                   | 73                      | 30                        | 4                            | 346                  |
|                        | 87             | 24.2  | 60                |                        |                         |                           |                              |                      |
|                        | 104            | 28.9  | 50                |                        |                         |                           |                              |                      |
| 100KQL/W94-70-30/2     | 65.4           | 18.2  | 76                | 2960                   | 74                      | 30                        | 4                            | 347                  |
|                        | 93.5           | 26.0  | 70                |                        |                         |                           |                              |                      |
|                        | 112            | 31.1  | 59                |                        |                         |                           |                              |                      |
| 100KQL/W100-80-37/2    | 70             | 19.4  | 87                | 2960                   | 75                      | 37                        | 4                            | 370                  |
|                        | 100            | 27.8  | 80                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 68                |                        |                         |                           |                              |                      |

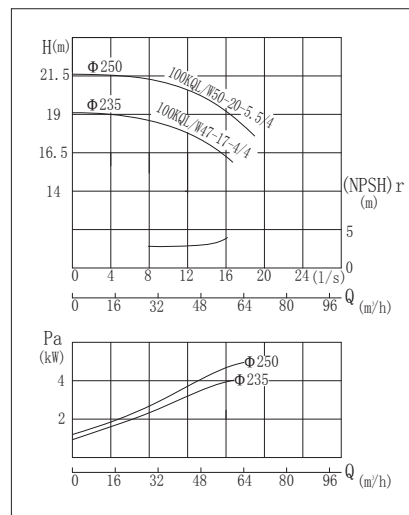
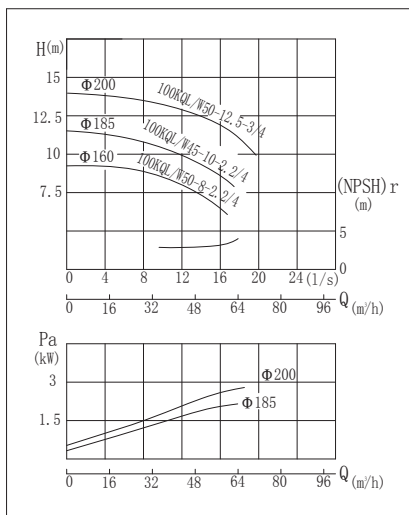
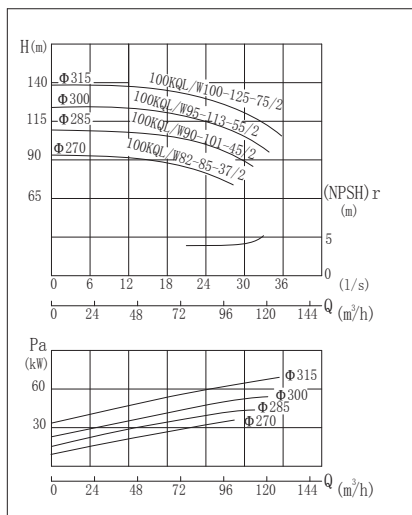
尺寸图DIMENSION FIGURE



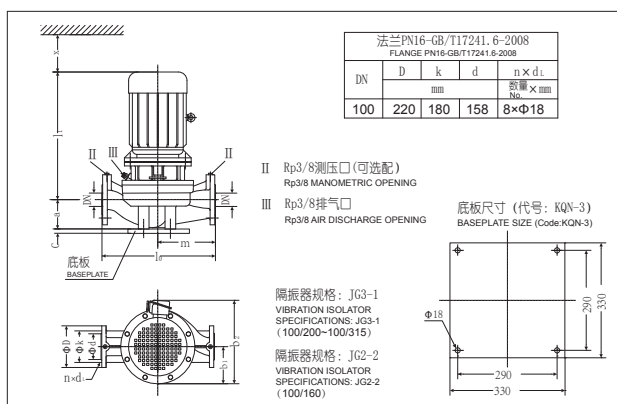
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE          | 外形 尺寸             |     |                |                | 安 装 尺 寸               |     |                |                |                |                |                |      |     |  | DN |
|----------------------|-------------------|-----|----------------|----------------|-----------------------|-----|----------------|----------------|----------------|----------------|----------------|------|-----|--|----|
|                      | Figure dimensions |     |                |                | Installing dimensions |     |                |                |                |                |                |      |     |  |    |
|                      | L                 | H   | b <sub>2</sub> | b <sub>1</sub> | 4-d <sub>0</sub>      | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A    |     |  |    |
| 100KQW89-10-4/2      | 650               | 516 | 302            | 150            | 4-φ15                 | 100 | 345            | 180            | 445            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW100-12.5-5.5/2 | 690               | 516 | 302            | 150            | 4-φ15                 | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW85-16-5.5/2    | 690               | 516 | 302            | 150            | 4-φ15                 | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW95-20-7.5/2    | 690               | 516 | 302            | 150            | 4-φ15                 | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW80-24-7.5/2    | 690               | 516 | 302            | 150            | 4-φ15                 | 100 | 375            | 180            | 475            | 280            | 251            | 12.5 | 100 |  |    |
| 100KQW94-28-11/2     | 820               | 517 | 350            | 175            | 4-φ15                 | 100 | 475            | 220            | 575            | 320            | 252            | 12.5 | 100 |  |    |
| 100KQW100-32-15/2    | 820               | 517 | 350            | 175            | 4-φ15                 | 100 | 475            | 220            | 575            | 320            | 252            | 12.5 | 100 |  |    |
| 100KQW115-34-15/2    | 820               | 517 | 350            | 175            | 4-φ15                 | 100 | 475            | 220            | 575            | 320            | 252            | 12.5 | 100 |  |    |
| 100KQW94-44-18.5/2   | 875               | 595 | 368            | 180            | 4-φ15                 | 125 | 515            | 260            | 615            | 360            | 305            | 12.5 | 100 |  |    |
| 100KQW100-50-22/2    | 915               | 595 | 380            | 190            | 4-φ15                 | 125 | 520            | 260            | 620            | 360            | 305            | 12.5 | 100 |  |    |
| 100KQW87-60-30/2     | 975               | 594 | 420            | 210            | 4-φ15                 | 125 | 610            | 300            | 710            | 400            | 304            | 12.5 | 100 |  |    |
| 100KQW94-70-30/2     | 975               | 594 | 420            | 210            | 4-φ15                 | 125 | 610            | 300            | 710            | 400            | 304            | 12.5 | 100 |  |    |
| 100KQW100-80-37/2    | 975               | 594 | 420            | 210            | 4-φ15                 | 125 | 610            | 300            | 710            | 400            | 304            | 12.5 | 100 |  |    |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

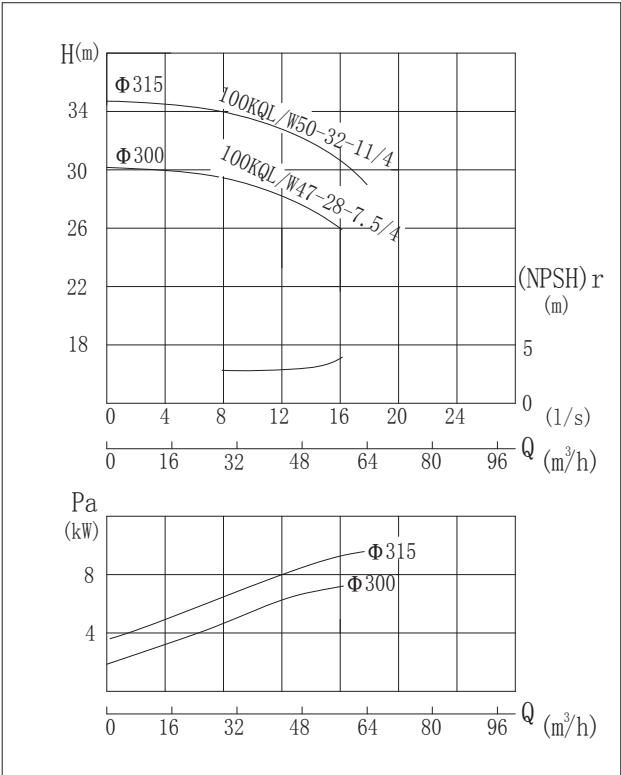


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | mm             |     |     |    |                |                |                |     |
|--------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                    |     | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
| 100KQL82-85-37/2   | 100 | 640            | 315 | 175 | 30 | 860            | 210            | 525            | 130 |
| 100KQL90-101-45/2  | 100 | 640            | 315 | 175 | 30 | 895            | 240            | 585            | 130 |
| 100KQL95-113-55/2  | 100 | 640            | 315 | 175 | 30 | 955            | 275            | 660            | 130 |
| 100KQL100-125-75/2 | 100 | 640            | 315 | 175 | 30 | 1035           | 295            | 705            | 130 |
| 100KQL50-8-2.2/4   | 100 | 580            | 280 | 180 | 30 | 525            | 130            | 310            | 130 |
| 100KQL45-10-2.2/4  | 100 | 630            | 310 | 180 | 30 | 535            | 170            | 350            | 130 |
| 100KQL50-12.5-3/4  | 100 | 630            | 310 | 180 | 30 | 535            | 170            | 360            | 130 |
| 100KQL47-17-4/4    | 100 | 630            | 310 | 180 | 30 | 570            | 170            | 360            | 130 |
| 100KQL50-20-5.5/4  | 100 | 630            | 310 | 180 | 30 | 590            | 170            | 380            | 130 |
| 100KQL47-28-7.5/4  | 100 | 640            | 315 | 175 | 30 | 659            | 205            | 415            | 130 |
| 100KQL50-32-11/4   | 100 | 640            | 315 | 175 | 30 | 739            | 205            | 470            | 130 |



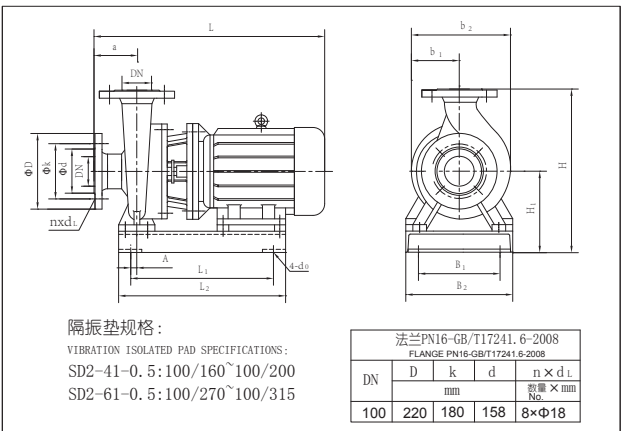
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|-------|-------------------|------------------------|-------------------------|------------------|------------------------------|----------------------|
|                      | (m³/h)         | (l/s) |                   |                        |                         |                  |                              |                      |
| 100KQL/W82-85-37/2   | 58             | 16.1  | 88                | 2960                   | 66                      | 37               | 4                            | 361                  |
|                      | 82             | 22.8  | 85                |                        |                         |                  |                              |                      |
|                      | 98.5           | 27.3  | 78                |                        |                         |                  |                              |                      |
| 100KQL/W90-101-45/2  | 63             | 17.5  | 105               | 2960                   | 67                      | 45               | 4                            | 475                  |
|                      | 90             | 25    | 101               |                        |                         |                  |                              |                      |
|                      | 108            | 30    | 94                |                        |                         |                  |                              |                      |
| 100KQL/W95-113-55/2  | 66             | 18.3  | 117               | 2960                   | 68                      | 55               | 4                            | 618                  |
|                      | 95             | 26.4  | 113               |                        |                         |                  |                              |                      |
|                      | 114            | 31.7  | 106               |                        |                         |                  |                              |                      |
| 100KQL/W100-125-75/2 | 70             | 19.4  | 129               | 2960                   | 69                      | 75               | 4                            | 760                  |
|                      | 100            | 27.8  | 125               |                        |                         |                  |                              |                      |
|                      | 120            | 33.3  | 118               |                        |                         |                  |                              |                      |
| 100KQL/W50-8-2.2/4   | 30             | 8.33  | 9.2               | 1480                   | 77                      | 2.2              | 3                            | 120                  |
|                      | 50             | 13.89 | 8                 |                        |                         |                  |                              |                      |
|                      | 60             | 16.67 | 6.8               |                        |                         |                  |                              |                      |
| 100KQL/W45-10-2.2/4  | 26.8           | 7.44  | 10.7              | 1480                   | 70                      | 2.2              | 3                            | 80                   |
|                      | 44.6           | 12.4  | 9.9               |                        |                         |                  |                              |                      |
|                      | 53.5           | 14.9  | 9.4               |                        |                         |                  |                              |                      |
| 100KQL/W50-12.5-3/4  | 30             | 8.33  | 13.5              | 1480                   | 71                      | 3                | 3                            | 93                   |
|                      | 50             | 13.89 | 12.5              |                        |                         |                  |                              |                      |
|                      | 60             | 16.67 | 11.8              |                        |                         |                  |                              |                      |
| 100KQL/W47-17-4/4    | 28             | 7.78  | 18.6              | 1480                   | 70                      | 4                | 3                            | 115                  |
|                      | 46.7           | 12.97 | 17.4              |                        |                         |                  |                              |                      |
|                      | 56             | 15.56 | 16.6              |                        |                         |                  |                              |                      |
| 100KQL/W50-20-5.5/4  | 30             | 8.33  | 21.3              | 1480                   | 71                      | 5.5              | 3                            | 139                  |
|                      | 50             | 13.89 | 20                |                        |                         |                  |                              |                      |
|                      | 60             | 16.67 | 19                |                        |                         |                  |                              |                      |
| 100KQL/W47-28-7.5/4  | 28             | 7.78  | 29.6              | 1480                   | 64                      | 7.5              | 3                            | 220                  |
|                      | 46.7           | 12.97 | 27.9              |                        |                         |                  |                              |                      |
|                      | 56             | 15.56 | 26.1              |                        |                         |                  |                              |                      |
| 100KQL/W50-32-11/4   | 30             | 8.33  | 34                | 1480                   | 65                      | 11               | 3                            | 236                  |
|                      | 50             | 13.89 | 32                |                        |                         |                  |                              |                      |
|                      | 60             | 16.67 | 29                |                        |                         |                  |                              |                      |

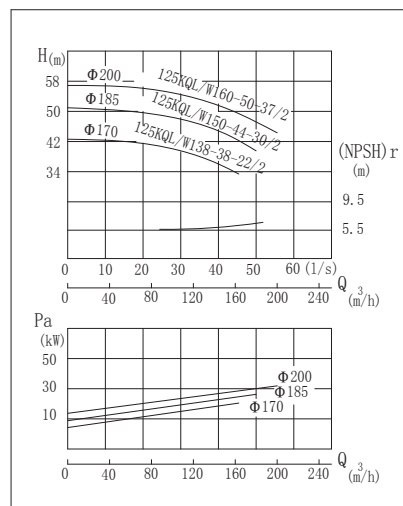
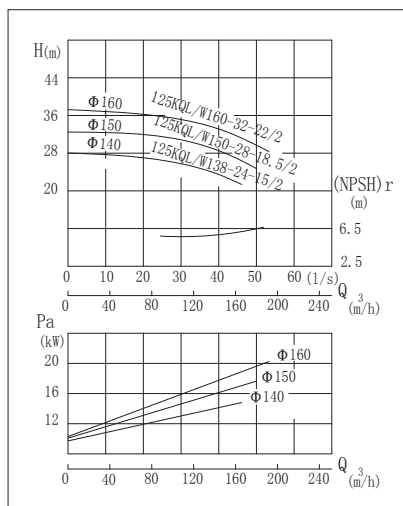
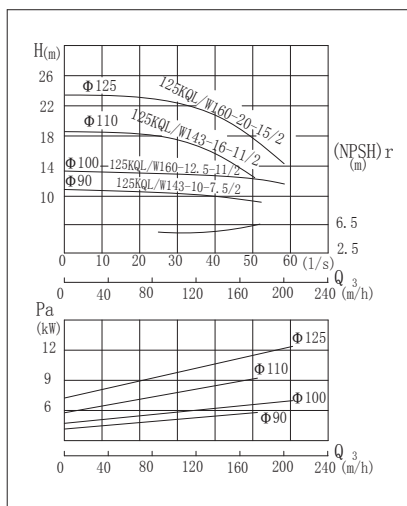
尺寸图DIMENSION FIGURE



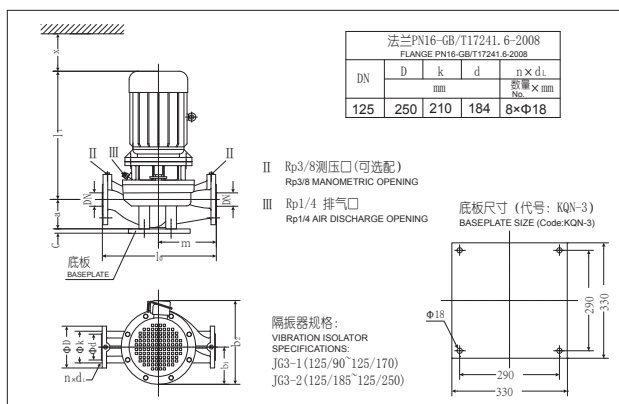
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE        | 外 形 尺 寸           |     |                |                | 安 装 尺 寸               |     |                |                |                |                |                |    |     | DN |
|--------------------|-------------------|-----|----------------|----------------|-----------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|----|
|                    | Figure dimensions |     |                |                | Installing dimensions |     |                |                |                |                |                |    |     |    |
|                    | L                 | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>      | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |    |
| 100KQW82-85-37/2   | 985               | 644 | 420            | 210            | 4-φ15                 | 125 | 635            | 300            | 735            | 400            | 329            | 30 | 100 |    |
| 100KQW90-101-45/2  | 1020              | 634 | 470            | 235            | 4-φ20                 | 125 | 665            | 310            | 765            | 440            | 319            | 30 | 100 |    |
| 100KQW95-113-55/2  | 1080              | 692 | 550            | 275            | 4-φ20                 | 125 | 730            | 370            | 830            | 500            | 377            | 30 | 100 |    |
| 100KQW100-125-75/2 | 1150              | 696 | 580            | 290            | 4-φ20                 | 125 | 800            | 430            | 900            | 560            | 381            | 30 | 100 |    |
| 100KQW50-8-2.2/4   | 615               | 516 | 292            | 140            | 4-φ15                 | 100 | 315            | 180            | 430            | 280            | 251            | 10 | 100 |    |
| 100KQW45-10-2.2/4  | 640               | 595 | 355            | 167            | 4-φ15                 | 125 | 315            | 280            | 430            | 360            | 305            | 10 | 100 |    |
| 100KQW50-12.5-3/4  | 640               | 595 | 355            | 167            | 4-φ15                 | 125 | 315            | 280            | 430            | 360            | 305            | 10 | 100 |    |
| 100KQW47-17-4/4    | 675               | 595 | 355            | 167            | 4-φ15                 | 125 | 315            | 280            | 440            | 360            | 305            | 10 | 100 |    |
| 100KQW50-20-5.5/4  | 705               | 595 | 355            | 167            | 4-φ15                 | 125 | 355            | 280            | 470            | 360            | 305            | 20 | 100 |    |
| 100KQW47-28-7.5/4  | 765               | 649 | 397            | 189            | 4-φ15                 | 125 | 400            | 315            | 535            | 400            | 334            | 20 | 100 |    |
| 100KQW50-32-11/4   | 855               | 649 | 397            | 189            | 4-φ15                 | 125 | 450            | 315            | 600            | 400            | 334            | 30 | 100 |    |

## 性能曲线CHARACTERISTIC CURVE



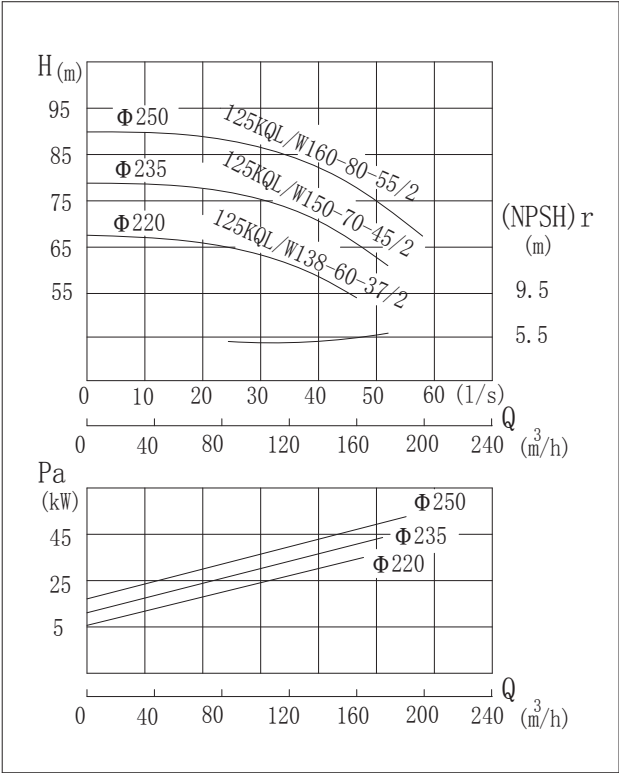
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE          | DN  | mm             |     |     |    |                |                |                |     |
|---------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                     |     | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
| 125KQL143-10-7.5/2  | 125 | 645            | 320 | 220 | 30 | 585            | 150            | 360            | 130 |
| 125KQL160-12.5-11/2 | 125 | 645            | 320 | 220 | 30 | 710            | 175            | 430            | 130 |
| 125KQL143-16-11/2   | 125 | 645            | 320 | 220 | 30 | 710            | 225            | 485            | 130 |
| 125KQL160-20-15/2   | 125 | 645            | 320 | 220 | 30 | 715            | 225            | 485            | 130 |
| 125KQL138-24-15/2   | 125 | 645            | 320 | 220 | 30 | 715            | 225            | 485            | 130 |
| 125KQL150-28-18.5/2 | 125 | 645            | 320 | 220 | 30 | 747            | 225            | 485            | 130 |
| 125KQL160-32-22/2   | 125 | 645            | 320 | 220 | 30 | 789            | 250            | 530            | 130 |
| 125KQL138-38-22/2   | 125 | 700            | 350 | 210 | 30 | 792            | 250            | 530            | 140 |
| 125KQL150-44-30/2   | 125 | 700            | 350 | 210 | 30 | 860            | 270            | 575            | 140 |
| 125KQL160-50-37/2   | 125 | 700            | 350 | 210 | 30 | 860            | 270            | 575            | 140 |
| 125KQL138-60-37/2   | 125 | 700            | 350 | 210 | 30 | 860            | 270            | 575            | 140 |
| 125KQL150-70-45/2   | 125 | 700            | 350 | 210 | 30 | 895            | 295            | 625            | 140 |
| 125KQL160-80-55/2   | 125 | 700            | 350 | 210 | 30 | 955            | 315            | 680            | 140 |

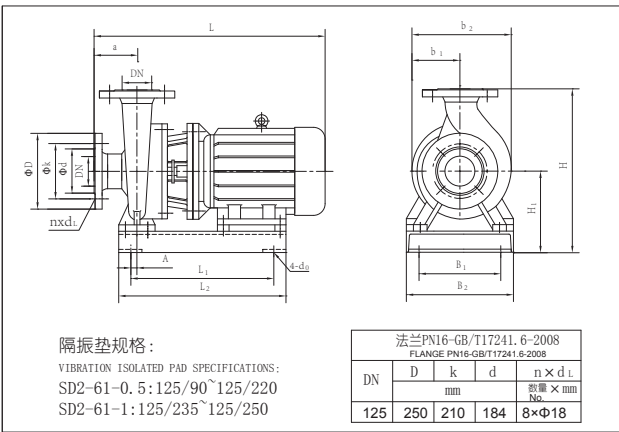
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型号<br>TYPE            | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                       | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 125KQL/W143-10-7.5/2  | 86             | 23.9  | 14                | 2960                   | 74                      | 7.5                       | 5.5                          | 88                   |
|                       | 143            | 39.7  | 10                |                        |                         |                           |                              |                      |
|                       | 172            | 47.8  | 7                 |                        |                         |                           |                              |                      |
| 125KQL/W160-12.5-11/2 | 96             | 26.7  | 18                | 2960                   | 75                      | 11                        | 5.5                          | 184                  |
|                       | 160            | 44.4  | 12.5              |                        |                         |                           |                              |                      |
|                       | 192            | 53.3  | 8                 |                        |                         |                           |                              |                      |
| 125KQL/W143-16-11/2   | 86             | 23.9  | 19.2              | 2960                   | 79                      | 11                        | 5.5                          | 185                  |
|                       | 143            | 39.7  | 16                |                        |                         |                           |                              |                      |
|                       | 172            | 47.8  | 11.5              |                        |                         |                           |                              |                      |
| 125KQL/W160-20-15/2   | 96             | 26.7  | 25                | 2960                   | 81                      | 15                        | 5.5                          | 240                  |
|                       | 160            | 44.4  | 20                |                        |                         |                           |                              |                      |
|                       | 192            | 53.3  | 17                |                        |                         |                           |                              |                      |
| 125KQL/W138-24-15/2   | 83             | 21.7  | 26                | 2960                   | 80                      | 15                        | 5.5                          | 241                  |
|                       | 138            | 38.3  | 24                |                        |                         |                           |                              |                      |
|                       | 166            | 46.1  | 21                |                        |                         |                           |                              |                      |
| 125KQL/W150-28-18.5/2 | 90             | 25    | 31.5              | 2960                   | 81                      | 18.5                      | 5.5                          | 217                  |
|                       | 150            | 41.7  | 28                |                        |                         |                           |                              |                      |
|                       | 180            | 50    | 24.5              |                        |                         |                           |                              |                      |
| 125KQL/W160-32-22/2   | 96             | 26.7  | 36                | 2960                   | 82                      | 22                        | 5.5                          | 258                  |
|                       | 160            | 44.4  | 32                |                        |                         |                           |                              |                      |
|                       | 192            | 53.3  | 28                |                        |                         |                           |                              |                      |
| 125KQL/W138-38-22/2   | 83             | 21.7  | 41.3              | 2960                   | 80                      | 22                        | 5.5                          | 273                  |
|                       | 138            | 38.3  | 37.5              |                        |                         |                           |                              |                      |
|                       | 166            | 46.1  | 34.5              |                        |                         |                           |                              |                      |
| 125KQL/W150-44-30/2   | 90             | 25    | 48.4              | 2960                   | 81                      | 30                        | 5.5                          | 366                  |
|                       | 150            | 41.7  | 44                |                        |                         |                           |                              |                      |
|                       | 180            | 50    | 40.5              |                        |                         |                           |                              |                      |
| 125KQL/W160-50-37/2   | 96             | 26.7  | 55                | 2960                   | 82                      | 37                        | 5.5                          | 397                  |
|                       | 160            | 44.4  | 50                |                        |                         |                           |                              |                      |
|                       | 192            | 53.3  | 46                |                        |                         |                           |                              |                      |
| 125KQL/W138-60-37/2   | 83             | 21.7  | 66                | 2960                   | 78                      | 37                        | 5                            | 405                  |
|                       | 138            | 38.3  | 60                |                        |                         |                           |                              |                      |
|                       | 166            | 46.1  | 55                |                        |                         |                           |                              |                      |
| 125KQL/W150-70-45/2   | 90             | 25    | 76                | 2960                   | 79                      | 45                        | 5                            | 457                  |
|                       | 150            | 41.7  | 70                |                        |                         |                           |                              |                      |
|                       | 180            | 50    | 64                |                        |                         |                           |                              |                      |
| 125KQL/W160-80-55/2   | 96             | 26.7  | 87                | 2960                   | 80                      | 55                        | 5                            | 575                  |
|                       | 160            | 44.4  | 80                |                        |                         |                           |                              |                      |
|                       | 192            | 53.3  | 73                |                        |                         |                           |                              |                      |

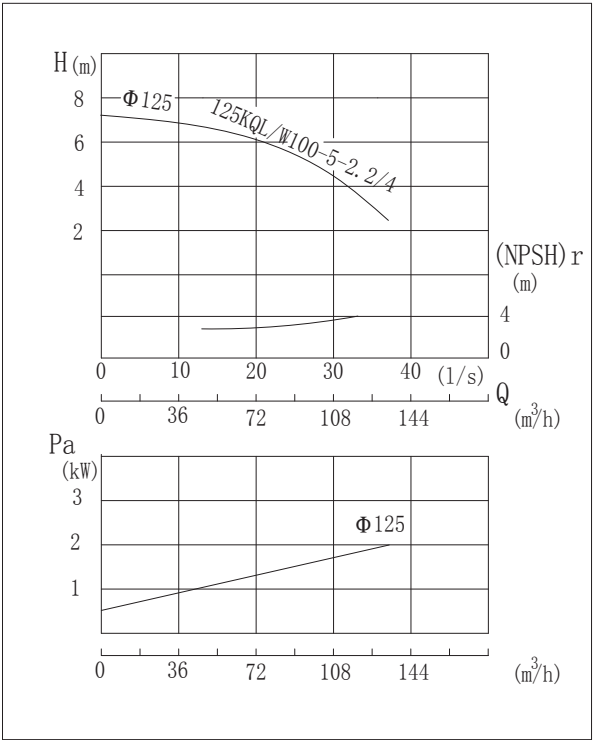
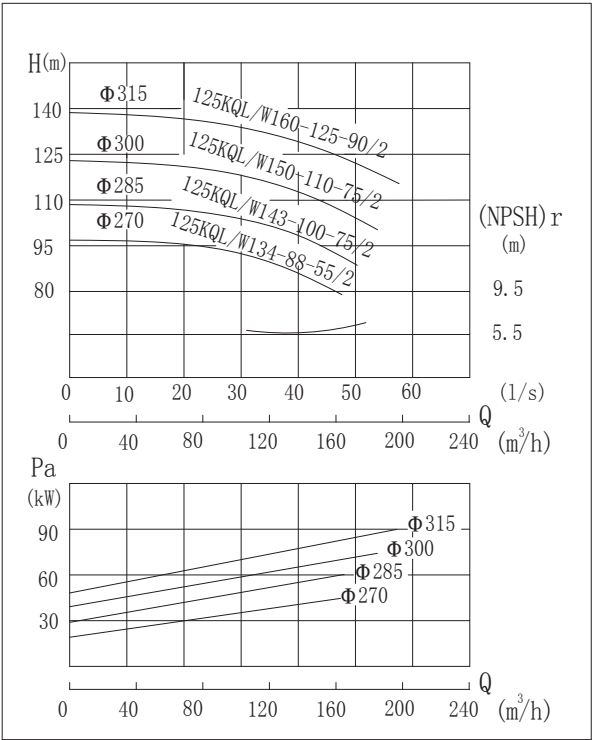
尺寸图DIMENSION FIGURE



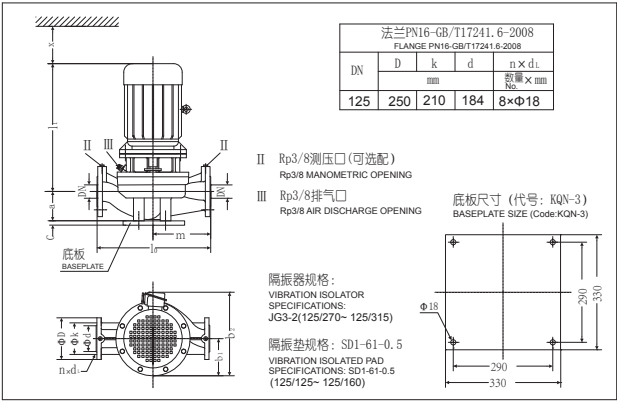
KQW尺寸表DIMENSION TABLE

| 型号<br>TYPE          | 外形尺寸<br>Figure dimensions |     |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |    |  |  | DN  |
|---------------------|---------------------------|-----|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|--|--|-----|
|                     | L                         | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>              | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |  |  |     |
| 125KQW143-10-7.5/2  | 710                       | 567 | 355            | 175            | 4-φ15                         | 125 | 385            | 220            | 485            | 320            | 277            | 30 |  |  | 125 |
| 125KQW160-12.5-11/2 | 840                       | 567 | 355            | 175            | 4-φ15                         | 125 | 485            | 220            | 585            | 320            | 277            | 30 |  |  | 125 |
| 125KQW143-16-11/2   | 840                       | 567 | 355            | 175            | 4-φ15                         | 125 | 485            | 220            | 585            | 320            | 277            | 30 |  |  | 125 |
| 125KQW160-20-15/2   | 840                       | 567 | 355            | 175            | 4-φ15                         | 125 | 485            | 220            | 585            | 320            | 277            | 30 |  |  | 125 |
| 125KQW138-24-15/2   | 840                       | 567 | 355            | 175            | 4-φ15                         | 125 | 485            | 220            | 585            | 320            | 277            | 30 |  |  | 125 |
| 125KQW150-28-18.5/2 | 870                       | 567 | 355            | 175            | 4-φ15                         | 125 | 530            | 220            | 630            | 320            | 277            | 30 |  |  | 125 |
| 125KQW160-32-22/2   | 910                       | 575 | 380            | 190            | 4-φ15                         | 125 | 535            | 260            | 635            | 360            | 285            | 30 |  |  | 125 |
| 125KQW138-38-22/2   | 925                       | 625 | 393            | 190            | 4-φ15                         | 125 | 550            | 260            | 650            | 360            | 305            | 30 |  |  | 125 |
| 125KQW150-44-30/2   | 985                       | 624 | 420            | 210            | 4-φ15                         | 125 | 635            | 300            | 735            | 400            | 304            | 30 |  |  | 125 |
| 125KQW160-50-37/2   | 985                       | 624 | 420            | 210            | 4-φ15                         | 125 | 635            | 300            | 735            | 400            | 304            | 30 |  |  | 125 |
| 125KQW138-60-37/2   | 985                       | 624 | 420            | 210            | 4-φ15                         | 125 | 635            | 300            | 735            | 400            | 304            | 30 |  |  | 125 |
| 125KQW150-70-45/2   | 1020                      | 639 | 470            | 235            | 4-φ20                         | 125 | 665            | 310            | 765            | 440            | 319            | 30 |  |  | 125 |
| 125KQW160-80-55/2   | 1080                      | 697 | 550            | 275            | 4-φ20                         | 125 | 730            | 370            | 830            | 500            | 377            | 30 |  |  | 125 |

性能曲线CHARACTERISTIC CURVE



尺寸图DIMENSION FIGURE

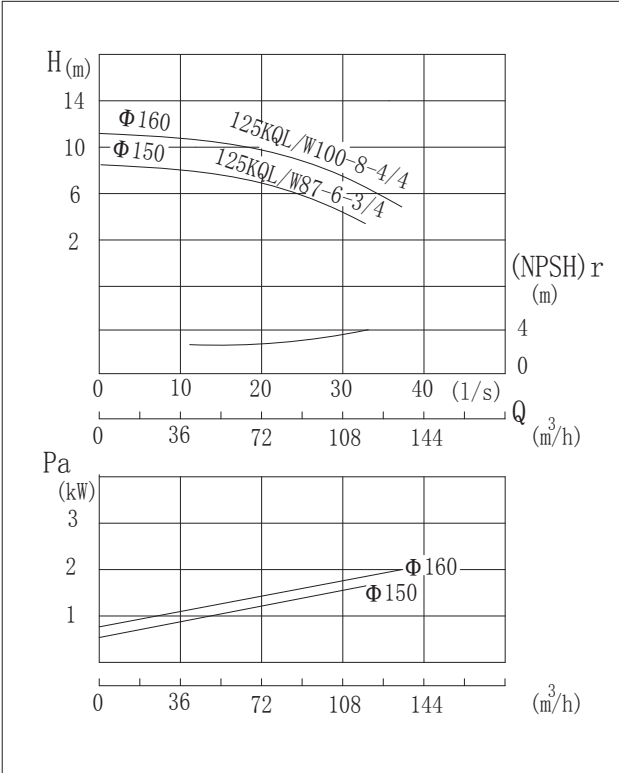


KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | $l_0$ | m   | a   | c  | $l_1$ | $b_1$ | $b_2$ | x   |
|--------------------|-----|-------|-----|-----|----|-------|-------|-------|-----|
|                    |     | mm    |     |     |    |       |       |       |     |
| 125KQL134-88-55/2  | 125 | 650   | 320 | 175 | 30 | 955   | 275   | 660   | 140 |
| 125KQL143-100-75/2 | 125 | 650   | 320 | 175 | 30 | 1021  | 295   | 705   | 140 |
| 125KQL150-110-75/2 | 125 | 650   | 320 | 175 | 30 | 1021  | 295   | 705   | 140 |
| 125KQL160-125-90/2 | 125 | 650   | 320 | 175 | 30 | 1075  | 295   | 705   | 140 |
| 125KQL100-5-2.2/4  | 125 | 610   | 280 | 210 | 30 | 512   | 145   | 335   | 130 |
| 125KQL87-6-3/4     | 125 | 610   | 280 | 210 | 30 | 512   | 145   | 335   | 130 |
| 125KQL100-8-4/4    | 125 | 610   | 280 | 210 | 30 | 547   | 145   | 335   | 130 |



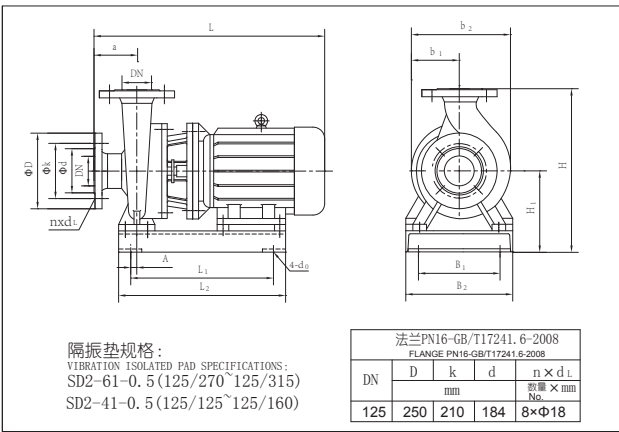
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity        |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|-----------------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                      | <sup>3</sup><br>(m/h) | (l/s) |                   |                        |                         |                           |                              |                      |
| 125KQL/W134-88-55/2  | 80.5                  | 22.4  | 96                | 2960                   | 73                      | 55                        | 5                            | 512                  |
|                      | 134                   | 37.2  | 88                |                        |                         |                           |                              |                      |
|                      | 161                   | 44.7  | 81                |                        |                         |                           |                              |                      |
| 125KQL/W143-100-75/2 | 86                    | 23.9  | 108               | 2960                   | 74                      | 75                        | 5                            | 766                  |
|                      | 143                   | 39.7  | 100               |                        |                         |                           |                              |                      |
|                      | 172                   | 47.8  | 94                |                        |                         |                           |                              |                      |
| 125KQL/W150-110-75/2 | 90                    | 25    | 115               | 2960                   | 75                      | 75                        | 5                            | 693                  |
|                      | 150                   | 41.7  | 110               |                        |                         |                           |                              |                      |
|                      | 180                   | 50    | 102               |                        |                         |                           |                              |                      |
| 125KQL/W160-125-90/2 | 96                    | 26.7  | 132               | 2960                   | 76                      | 90                        | 5                            | 808                  |
|                      | 160                   | 44.4  | 125               |                        |                         |                           |                              |                      |
|                      | 192                   | 53.3  | 118               |                        |                         |                           |                              |                      |
| 125KQL/W100-5-2.2/4  | 60                    | 16.67 | 6.5               | 1480                   | 78                      | 2.2                       | 3                            | 110                  |
|                      | 100                   | 27.8  | 5                 |                        |                         |                           |                              |                      |
|                      | 200                   | 33.33 | 4                 |                        |                         |                           |                              |                      |
| 125KQL/W87-6-3/4     | 52                    | 14.5  | 7.5               | 1480                   | 79                      | 3                         | 3                            | 113                  |
|                      | 87                    | 24.2  | 6.3               |                        |                         |                           |                              |                      |
|                      | 104                   | 28.9  | 5.1               |                        |                         |                           |                              |                      |
| 125KQL/W100-8-4/4    | 60                    | 16.67 | 9.4               | 1480                   | 80                      | 4                         | 3                            | 113                  |
|                      | 100                   | 27.8  | 8                 |                        |                         |                           |                              |                      |
|                      | 120                   | 33.33 | 6.7               |                        |                         |                           |                              |                      |

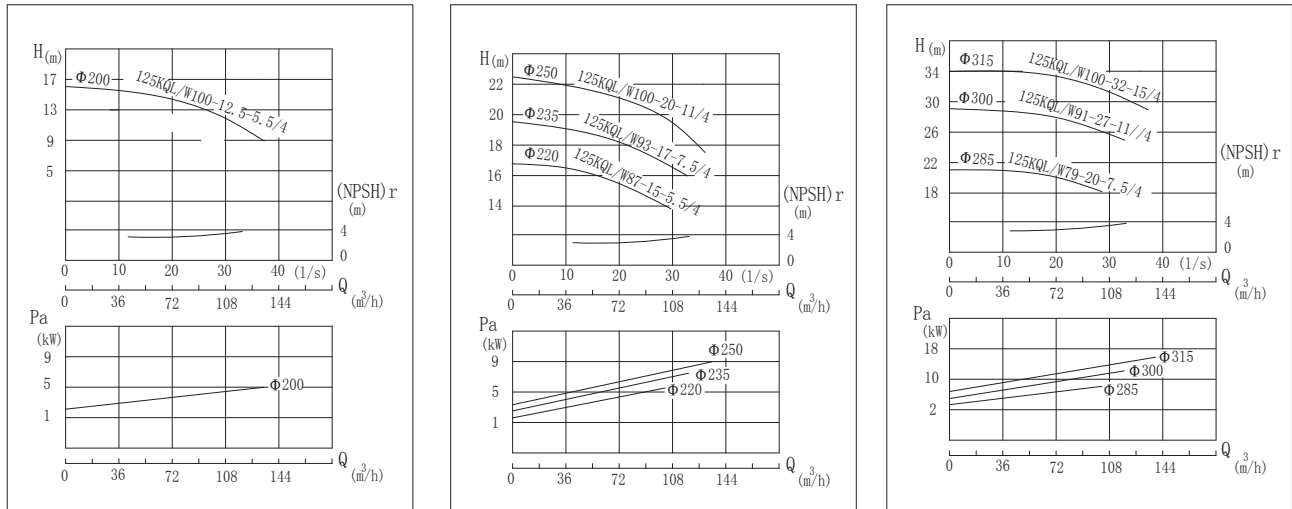
尺寸图DIMENSION FIGURE



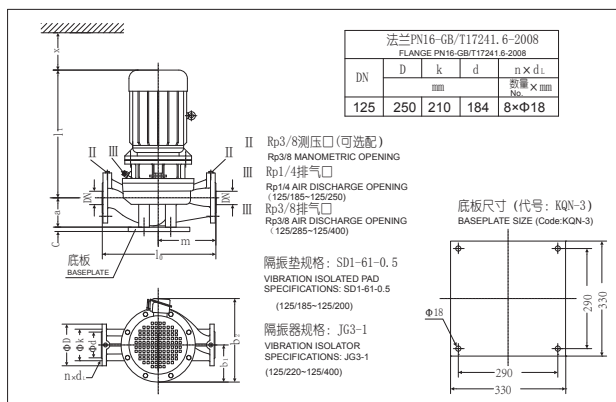
KQW尺寸表DIMENSION TABLE

| 型 号<br><br>TYPE    | 外形 尺寸<br><br>Figure dimensions |     |                |                | 安 装 尺 寸<br><br>Installing dimensions |     |                |                |                |                |                |    |     |  | DN |
|--------------------|--------------------------------|-----|----------------|----------------|--------------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|--|----|
|                    | L                              | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                     | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |  |    |
|                    |                                |     |                |                |                                      |     |                |                |                |                |                |    |     |  |    |
| 125KQW134-88-55/2  | 1095                           | 667 | 550            | 275            | 4-φ20                                | 125 | 730            | 370            | 830            | 500            | 347            | 30 | 125 |  |    |
| 125KQW143-100-75/2 | 1165                           | 701 | 580            | 290            | 4-φ20                                | 125 | 800            | 430            | 900            | 560            | 381            | 30 | 125 |  |    |
| 125KQW150-110-75/2 | 1165                           | 701 | 580            | 290            | 4-φ20                                | 125 | 800            | 430            | 900            | 560            | 381            | 30 | 125 |  |    |
| 125KQW160-125-90/2 | 1215                           | 701 | 580            | 290            | 4-φ20                                | 125 | 850            | 430            | 950            | 560            | 381            | 30 | 125 |  |    |
| 125KQW100-5-2.2/4  | 637                            | 557 | 350            | 160            | 4-φ15                                | 125 | 340            | 220            | 440            | 320            | 277            | 30 | 125 |  |    |
| 125KQW87-6-3/4     | 637                            | 557 | 350            | 160            | 4-φ15                                | 125 | 340            | 220            | 440            | 320            | 277            | 30 | 125 |  |    |
| 125KQW100-8-4/4    | 672                            | 557 | 350            | 160            | 4-φ15                                | 125 | 350            | 220            | 450            | 320            | 277            | 30 | 125 |  |    |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

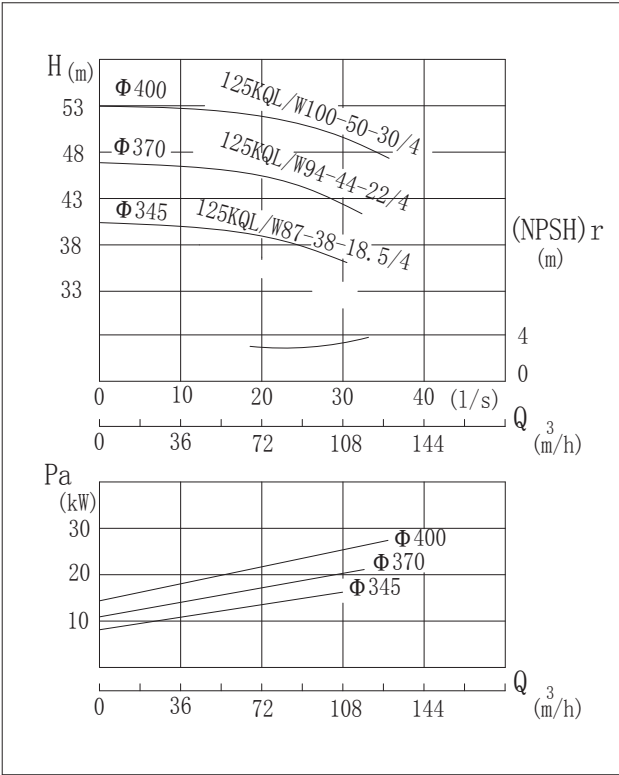


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE           | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|----------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                      |     | mm             |     |     |    |                |                |                |     |
| 125KQL100-12.5-5.5/4 | 125 | 700            | 335 | 200 | 30 | 588            | 185            | 395            | 130 |
| 125KQL87-15-5.5/4    | 125 | 700            | 335 | 200 | 30 | 588            | 185            | 395            | 130 |
| 125KQL93-17-7.5/4    | 125 | 700            | 335 | 200 | 30 | 638            | 185            | 395            | 130 |
| 125KQL120-16-7.5/4   | 125 | 700            | 335 | 200 | 30 | 638            | 185            | 395            | 130 |
| 125KQL100-20-11/4    | 125 | 700            | 335 | 200 | 30 | 718            | 225            | 485            | 130 |
| 125KQL79-20-7.5/4    | 125 | 785            | 385 | 210 | 30 | 638            | 240            | 515            | 130 |
| 125KQL91-27-11/4     | 125 | 785            | 385 | 210 | 30 | 732            | 240            | 515            | 130 |
| 125KQL100-32-15/4    | 125 | 785            | 385 | 210 | 30 | 762            | 240            | 515            | 130 |
| 125KQL87-38-18.5/4   | 125 | 785            | 385 | 210 | 30 | 802            | 250            | 530            | 130 |
| 125KQL94-44-22/4     | 125 | 785            | 385 | 210 | 30 | 852            | 250            | 530            | 130 |
| 125KQL100-50-30/4    | 125 | 785            | 385 | 210 | 30 | 862            | 270            | 575            | 130 |



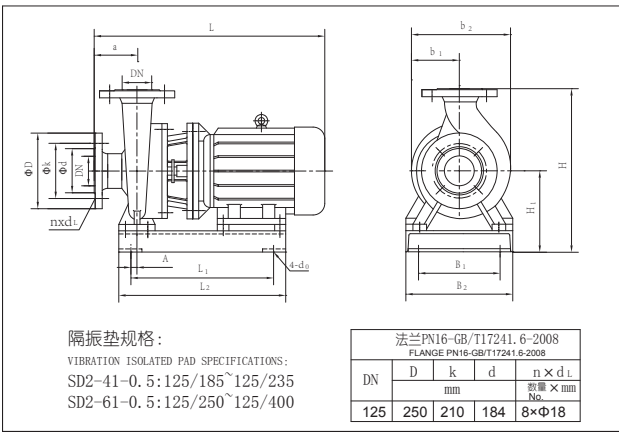
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE            | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|------------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                        | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 125KQL/W100-12.5-5.5/4 | 60             | 16.67 | 14                | 1480                   | 78                      | 5.5                       | 3                            | 185                  |
|                        | 100            | 27.8  | 12.5              |                        |                         |                           |                              |                      |
|                        | 120            | 33.33 | 11                |                        |                         |                           |                              |                      |
| 125KQL/W87-15-5.5/4    | 52             | 14.5  | 16.4              | 1480                   | 76                      | 5.5                       | 3                            | 158                  |
|                        | 87             | 24.2  | 15                |                        |                         |                           |                              |                      |
|                        | 104            | 28.9  | 14                |                        |                         |                           |                              |                      |
| 125KQL/W93-17-7.5/4    | 56             | 15.6  | 19                | 1480                   | 77                      | 7.5                       | 3                            | 209                  |
|                        | 93             | 25.8  | 17.4              |                        |                         |                           |                              |                      |
|                        | 112            | 31.1  | 15.5              |                        |                         |                           |                              |                      |
| 125KQL/W120-16-7.5/4   | 84             | 23.3  | 18.5              | 1480                   | 78                      | 7.5                       | 3                            | 163                  |
|                        | 120            | 33.3  | 16                |                        |                         |                           |                              |                      |
|                        | 132            | 36.7  | 14.4              |                        |                         |                           |                              |                      |
| 125KQL/W100-20-11/4    | 60             | 16.7  | 21.5              | 1480                   | 78                      | 11                        | 3                            | 280                  |
|                        | 100            | 27.8  | 20                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 18                |                        |                         |                           |                              |                      |
| 125KQL/W79-20-7.5/4    | 47             | 13.1  | 21                | 1480                   | 72                      | 7.5                       | 3                            | 230                  |
|                        | 79             | 21.9  | 20                |                        |                         |                           |                              |                      |
|                        | 95             | 26.4  | 18                |                        |                         |                           |                              |                      |
| 125KQL/W91-27-11/4     | 55             | 15.3  | 29                | 1480                   | 73                      | 11                        | 3                            | 276                  |
|                        | 91             | 25.3  | 27                |                        |                         |                           |                              |                      |
|                        | 110            | 30.6  | 22                |                        |                         |                           |                              |                      |
| 125KQL/W100-32-15/4    | 60             | 16.7  | 35                | 1480                   | 74                      | 15                        | 3                            | 305                  |
|                        | 100            | 27.8  | 32                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 27                |                        |                         |                           |                              |                      |
| 125KQL/W87-38-18.5/4   | 52.3           | 14.5  | 39                | 1480                   | 67                      | 18.5                      | 3                            | 311                  |
|                        | 87             | 24.2  | 38                |                        |                         |                           |                              |                      |
|                        | 105            | 29.2  | 37                |                        |                         |                           |                              |                      |
| 125KQL/W94-44-22/4     | 56.4           | 15.7  | 46                | 1480                   | 68                      | 22                        | 3                            | 368                  |
|                        | 94             | 26.1  | 44                |                        |                         |                           |                              |                      |
|                        | 113            | 31.4  | 41                |                        |                         |                           |                              |                      |
| 125KQL/W100-50-30/4    | 60             | 16.7  | 52                | 1480                   | 69                      | 30                        | 3                            | 450                  |
|                        | 100            | 27.8  | 50                |                        |                         |                           |                              |                      |
|                        | 120            | 33.3  | 47                |                        |                         |                           |                              |                      |

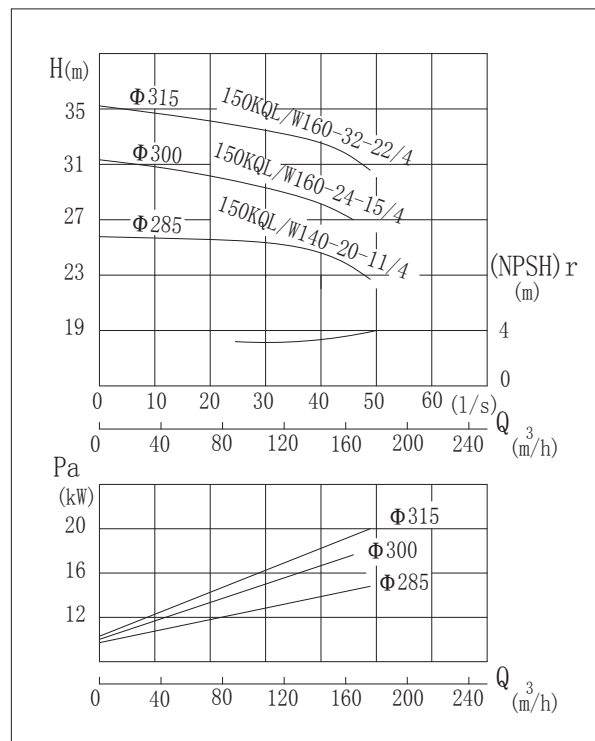
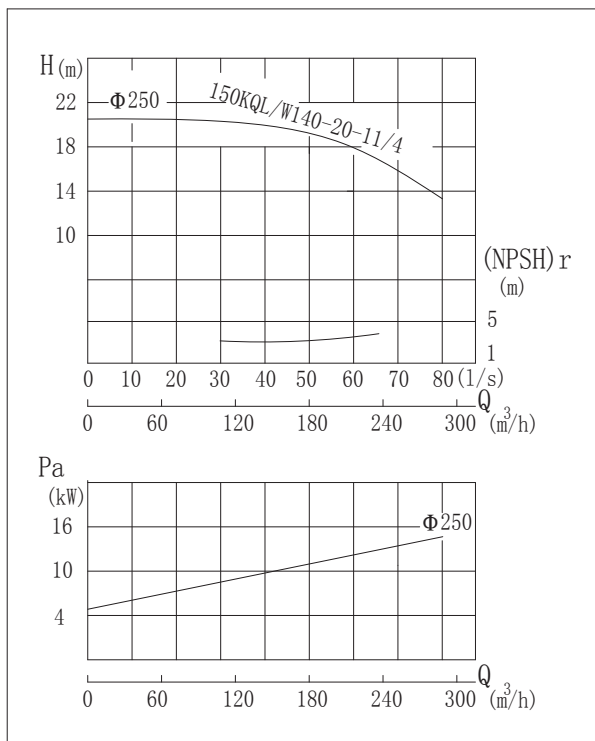
尺寸图DIMENSION FIGURE



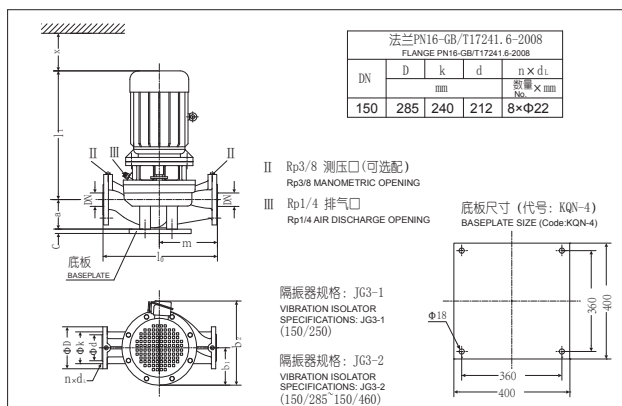
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE          | 外形尺寸<br>Figure dimensions |     |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |    | DN  |
|----------------------|---------------------------|-----|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|
|                      | L                         | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>              | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |
| 125KQW100-12.5-5.5/4 | 702                       | 669 | 412            | 200            | 4-φ15                         | 125 | 390            | 300            | 490            | 400            | 334            | 30 | 125 |
| 125KQW87-15-5.5/4    | 702                       | 669 | 412            | 200            | 4-φ15                         | 125 | 390            | 300            | 490            | 400            | 334            | 30 | 125 |
| 125KQW93-17-7.5/4    | 752                       | 669 | 412            | 200            | 4-φ15                         | 125 | 425            | 300            | 525            | 400            | 334            | 30 | 125 |
| 125KQW120-16-7.5/4   | 752                       | 669 | 412            | 200            | 4-φ15                         | 125 | 425            | 300            | 525            | 400            | 334            | 30 | 125 |
| 125KQW100-20-11/4    | 842                       | 669 | 412            | 200            | 4-φ15                         | 125 | 485            | 300            | 585            | 400            | 334            | 30 | 125 |
| 125KQW79-20-7.5/4    | 767                       | 767 | 518            | 250            | 4-φ20                         | 125 | 460            | 370            | 560            | 500            | 382            | 50 | 125 |
| 125KQW91-27-11/4     | 857                       | 767 | 518            | 250            | 4-φ20                         | 125 | 520            | 370            | 620            | 500            | 382            | 50 | 125 |
| 125KQW100-32-15/4    | 887                       | 767 | 518            | 250            | 4-φ20                         | 125 | 565            | 370            | 665            | 500            | 382            | 50 | 125 |
| 125KQW87-38-18.5/4   | 927                       | 767 | 518            | 250            | 4-φ20                         | 125 | 570            | 370            | 670            | 500            | 382            | 50 | 125 |
| 125KQW94-44-22/4     | 977                       | 767 | 518            | 250            | 4-φ20                         | 125 | 610            | 370            | 710            | 500            | 382            | 50 | 125 |
| 125KQW100-50-30/4    | 987                       | 762 | 518            | 250            | 4-φ20                         | 125 | 660            | 370            | 760            | 500            | 377            | 50 | 125 |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

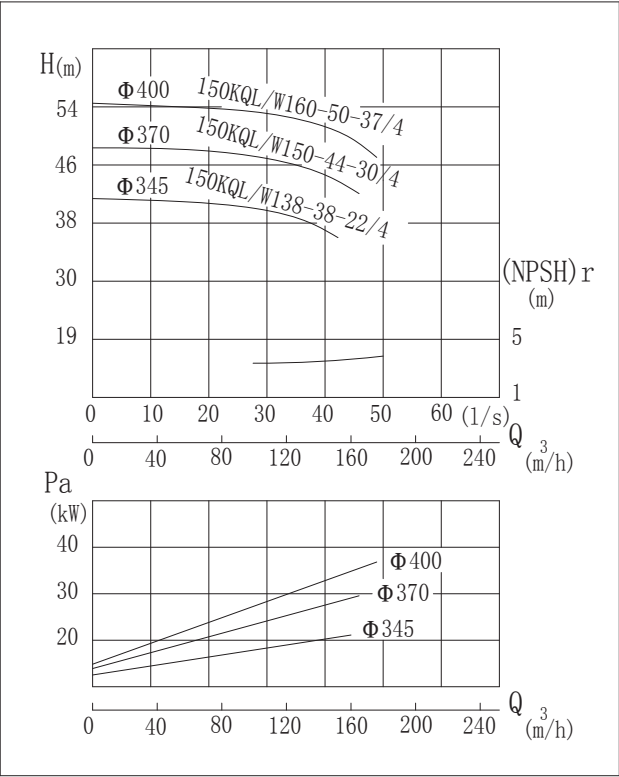


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE          | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|---------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| 150KQL140-20-11/4   | 150 | 880            | 430 | 265 | 37 | 725            | 225            | 485            | 150 |
| 150KQL160-24-15/4   | 150 | 880            | 430 | 274 | 37 | 758            | 250            | 530            | 155 |
| 150KQL150-28-18.5/4 | 150 | 880            | 430 | 274 | 37 | 795            | 250            | 530            | 155 |
| 150KQL160-32-22/4   | 150 | 880            | 430 | 274 | 37 | 845            | 250            | 530            | 155 |
| 150KQL138-38-22/4   | 150 | 880            | 480 | 280 | 37 | 845            | 250            | 530            | 155 |
| 150KQL150-44-30/4   | 150 | 970            | 480 | 280 | 37 | 845            | 270            | 575            | 155 |
| 150KQL160-50-37/4   | 150 | 970            | 480 | 280 | 37 | 859            | 295            | 625            | 155 |



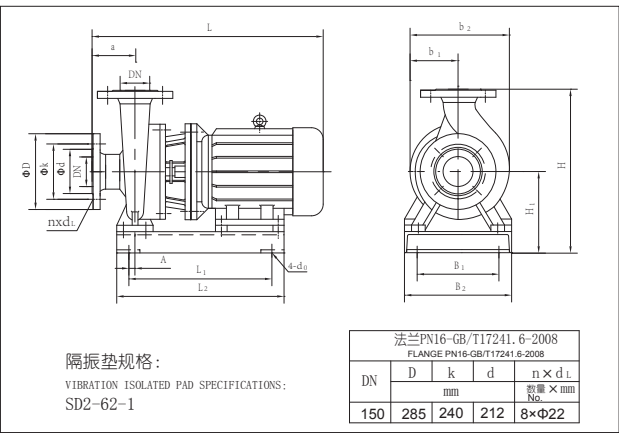
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE           | 流量<br>Capacity     |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|--------------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                       | <sup>3</sup> (m/h) | (l/s) |                   |                        |                         |                           |                              |                      |
| 150KQL/W140-20-11/4   | 98                 | 27.2  | 21                | 1480                   | 79                      | 11                        | 3                            | 260                  |
|                       | 140                | 38.9  | 20                |                        |                         |                           |                              |                      |
|                       | 154                | 42.8  | 18.4              |                        |                         |                           |                              |                      |
| 150KQL/W160-24-15/4   | 112                | 31.1  | 25.2              | 1480                   | 76                      | 15                        | 3                            | 300                  |
|                       | 160                | 44.4  | 24                |                        |                         |                           |                              |                      |
|                       | 176                | 48.9  | 22.5              |                        |                         |                           |                              |                      |
| 150KQL/W150-28-18.5/4 | 105                | 29.2  | 29.4              | 1480                   | 78                      | 18.5                      | 3                            | 330                  |
|                       | 150                | 41.7  | 28                |                        |                         |                           |                              |                      |
|                       | 165                | 45.8  | 26.5              |                        |                         |                           |                              |                      |
| 150KQL/W160-32-22/4   | 112                | 31.1  | 33.6              | 1480                   | 79                      | 22                        | 3                            | 350                  |
|                       | 160                | 44.4  | 32                |                        |                         |                           |                              |                      |
|                       | 176                | 48.9  | 30                |                        |                         |                           |                              |                      |
| 150KQL/W138-38-22/4   | 96.6               | 26.8  | 39.9              | 1480                   | 72                      | 22                        | 3.5                          | 352                  |
|                       | 138                | 38.3  | 38                |                        |                         |                           |                              |                      |
|                       | 151.8              | 42.2  | 36.2              |                        |                         |                           |                              |                      |
| 150KQL/W150-44-30/4   | 105                | 29.2  | 46.2              | 1480                   | 73                      | 30                        | 3.5                          | 423                  |
|                       | 150                | 41.7  | 44                |                        |                         |                           |                              |                      |
|                       | 165                | 45.8  | 41.5              |                        |                         |                           |                              |                      |
| 150KQL/W160-50-37/4   | 112                | 31.1  | 52.5              | 1480                   | 74.7                    | 37                        | 3.5                          | 440                  |
|                       | 160                | 44.4  | 50                |                        |                         |                           |                              |                      |
|                       | 176                | 48.9  | 47                |                        |                         |                           |                              |                      |

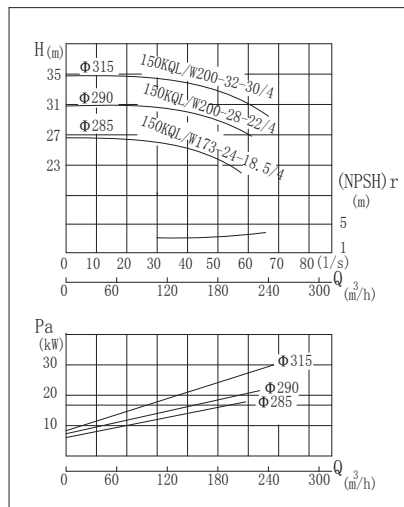
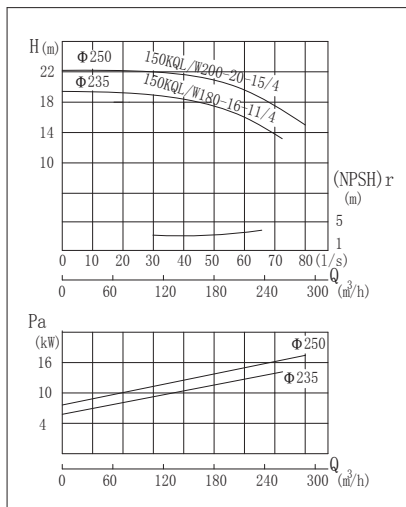
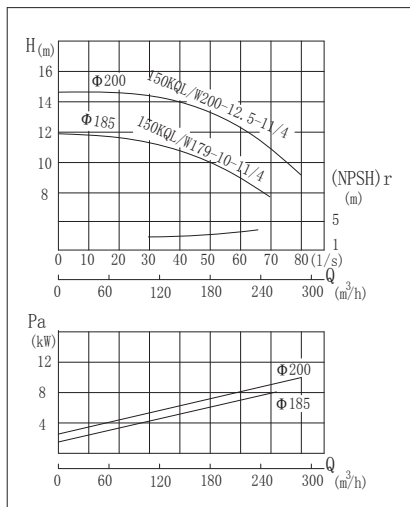
尺寸图DIMENSION FIGURE



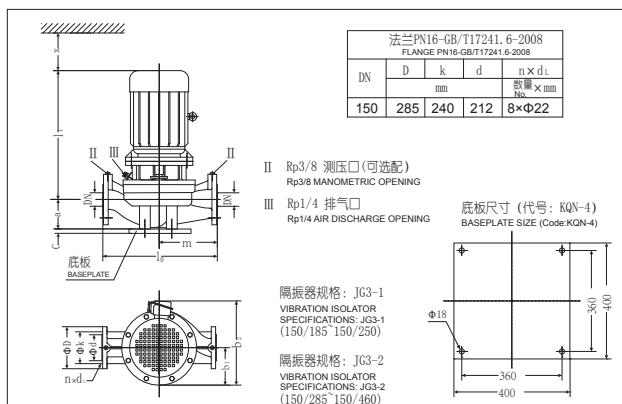
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE         | 外形 尺寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |    |     |  | DN |
|---------------------|----------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|--|----|
|                     | L                          | H   | b <sub>2</sub> | b <sub>1</sub> | 4- $\phi_0$                      | a   |                |                |                |                |                |    |     |  |    |
|                     |                            |     |                |                |                                  |     | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |  |    |
| 150KQW140-20-11/4   | 872                        | 759 | 433            | 200            | 4- $\phi$ 15                     | 140 | 500            | 300            | 600            | 400            | 359            | 30 | 150 |  |    |
| 150KQW160-24-15/4   | 902                        | 759 | 433            | 250            | 4- $\phi$ 20                     | 140 | 545            | 300            | 645            | 400            | 359            | 30 | 150 |  |    |
| 150KQW150-28-18.5/4 | 945                        | 812 | 530            | 250            | 4- $\phi$ 20                     | 140 | 565            | 370            | 665            | 500            | 382            | 50 | 150 |  |    |
| 150KQW160-32-22/4   | 995                        | 812 | 530            | 250            | 4- $\phi$ 20                     | 140 | 600            | 370            | 700            | 500            | 382            | 50 | 150 |  |    |
| 150KQW138-38-22/4   | 995                        | 812 | 530            | 250            | 4- $\phi$ 20                     | 140 | 600            | 370            | 700            | 500            | 382            | 50 | 150 |  |    |
| 150KQW150-44-30/4   | 996                        | 867 | 530            | 250            | 4- $\phi$ 20                     | 140 | 650            | 370            | 750            | 500            | 417            | 50 | 150 |  |    |
| 150KQW160-50-37/4   | 1006                       | 862 | 530            | 250            | 4- $\phi$ 20                     | 140 | 655            | 370            | 762            | 500            | 412            | 50 | 150 |  |    |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

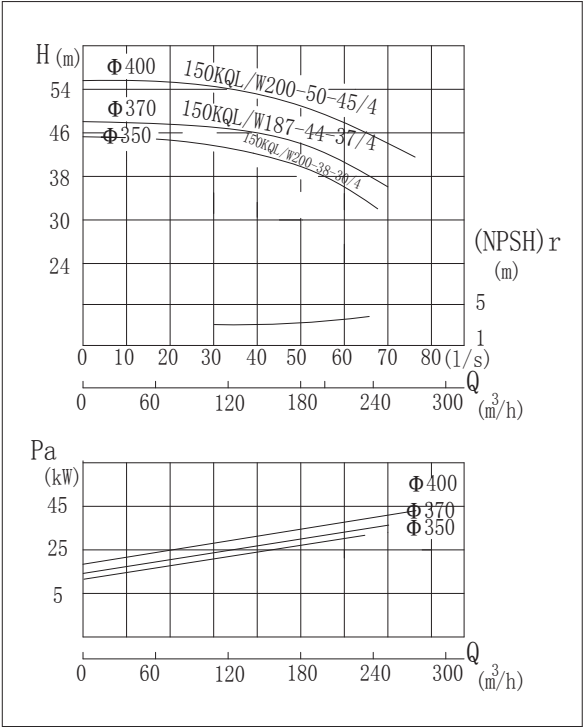


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE          | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|---------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                     | mm  |                |     |     |    |                |                |                |     |
| 150KQL179-10-11/4   | 150 | 880            | 430 | 265 | 37 | 725            | 225            | 485            | 150 |
| 150KQL200-12.5-11/4 | 150 | 880            | 430 | 265 | 37 | 725            | 225            | 485            | 150 |
| 150KQL180-16-11/4   | 150 | 880            | 430 | 265 | 37 | 725            | 225            | 485            | 150 |
| 150KQL200-20-15/4   | 150 | 880            | 430 | 265 | 37 | 757            | 225            | 485            | 150 |
| 150KQL173-24-18.5/4 | 150 | 880            | 430 | 274 | 37 | 795            | 250            | 530            | 155 |
| 150KQL200-28-22/4   | 150 | 880            | 430 | 274 | 37 | 845            | 250            | 530            | 155 |
| 150KQL200-32-30/4   | 150 | 880            | 430 | 274 | 37 | 845            | 270            | 575            | 155 |
| 150KQL240-32-30/4   | 150 | 880            | 430 | 274 | 37 | 845            | 270            | 575            | 155 |
| 150KQL200-38-30/4   | 150 | 970            | 480 | 280 | 37 | 845            | 270            | 575            | 155 |
| 150KQL187-44-37/4   | 150 | 970            | 480 | 280 | 37 | 859            | 295            | 625            | 155 |
| 150KQL200-50-45/4   | 150 | 970            | 480 | 280 | 37 | 887            | 295            | 625            | 155 |



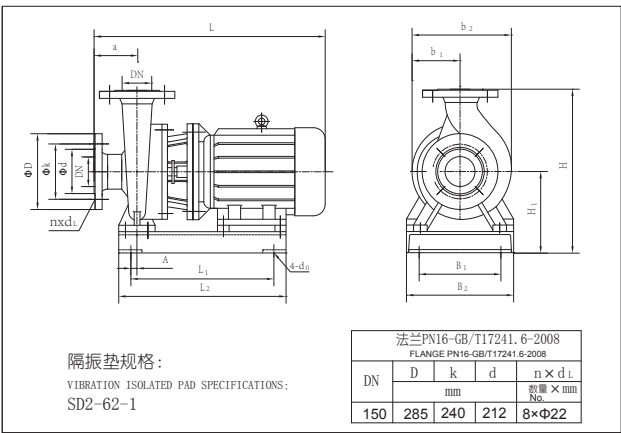
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型号<br>TYPE            | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                       | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 150KQL/W179-10-11/4   | 125            | 34.7  | 11.6              | 1480                   | 80                      | 11                        | 3                            | 260                  |
|                       | 179            | 49.7  | 10                |                        |                         |                           |                              |                      |
|                       | 215            | 59.7  | 8                 |                        |                         |                           |                              |                      |
| 150KQL/W200-12.5-11/4 | 140            | 38.9  | 14.1              | 1480                   | 82                      | 11                        | 3                            | 265                  |
|                       | 200            | 55.6  | 12.5              |                        |                         |                           |                              |                      |
|                       | 240            | 66.7  | 10.6              |                        |                         |                           |                              |                      |
| 150KQL/W180-16-11/4   | 126            | 35.0  | 16.8              | 1480                   | 81.8                    | 11                        | 3                            | 270                  |
|                       | 180            | 50.0  | 16                |                        |                         |                           |                              |                      |
|                       | 198            | 55.0  | 14.4              |                        |                         |                           |                              |                      |
| 150KQL/W200-20-15/4   | 140            | 38.9  | 21.8              | 1480                   | 82.8                    | 15                        | 3                            | 278                  |
|                       | 200            | 55.6  | 20                |                        |                         |                           |                              |                      |
|                       | 220            | 61.1  | 18.5              |                        |                         |                           |                              |                      |
| 150KQL/W173-24-18.5/4 | 121            | 33.6  | 25.8              | 1480                   | 79                      | 18.5                      | 3.5                          | 324                  |
|                       | 173            | 48.1  | 24                |                        |                         |                           |                              |                      |
|                       | 208            | 57.8  | 20.7              |                        |                         |                           |                              |                      |
| 150KQL/W200-28-22/4   | 140            | 38.9  | 31                | 1480                   | 81.7                    | 22                        | 3.5                          | 345                  |
|                       | 200            | 55.6  | 28                |                        |                         |                           |                              |                      |
|                       | 220            | 61.1  | 25.2              |                        |                         |                           |                              |                      |
| 150KQL/W200-32-30/4   | 140            | 38.9  | 35                | 1480                   | 81.7                    | 30                        | 3.5                          | 402                  |
|                       | 200            | 55.6  | 32                |                        |                         |                           |                              |                      |
|                       | 240            | 66.7  | 28                |                        |                         |                           |                              |                      |
| 150KQL/W240-32-30/4   | 171            | 47.5  | 35.2              | 1480                   | 80                      | 30                        | 4                            | 430                  |
|                       | 240            | 66.7  | 32                |                        |                         |                           |                              |                      |
|                       | 264            | 75.0  | 28.8              |                        |                         |                           |                              |                      |
| 150KQL/W200-38-30/4   | 140            | 38.9  | 39.9              | 1480                   | 77                      | 30                        | 3.5                          | 430                  |
|                       | 200            | 55.6  | 38                |                        |                         |                           |                              |                      |
|                       | 210            | 58.3  | 36                |                        |                         |                           |                              |                      |
| 150KQL/W187-44-37/4   | 131            | 36.4  | 46.6              | 1480                   | 76                      | 37                        | 3.5                          | 510                  |
|                       | 187            | 51.9  | 44                |                        |                         |                           |                              |                      |
|                       | 225            | 62.5  | 39                |                        |                         |                           |                              |                      |
| 150KQL/W200-50-45/4   | 140            | 38.9  | 53                | 1480                   | 77                      | 45                        | 3.5                          | 531                  |
|                       | 200            | 55.6  | 50                |                        |                         |                           |                              |                      |
|                       | 240            | 66.7  | 44                |                        |                         |                           |                              |                      |

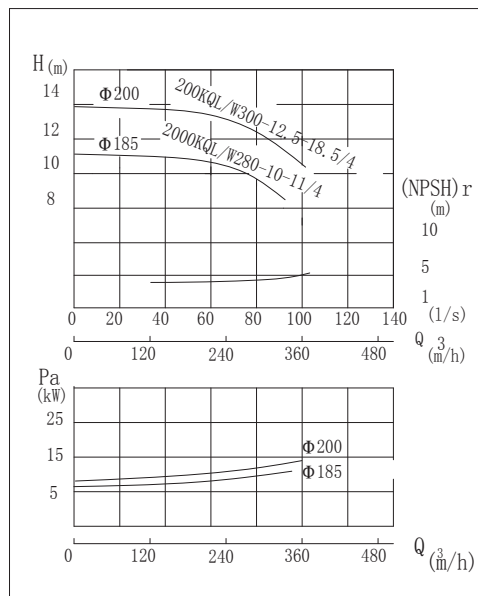
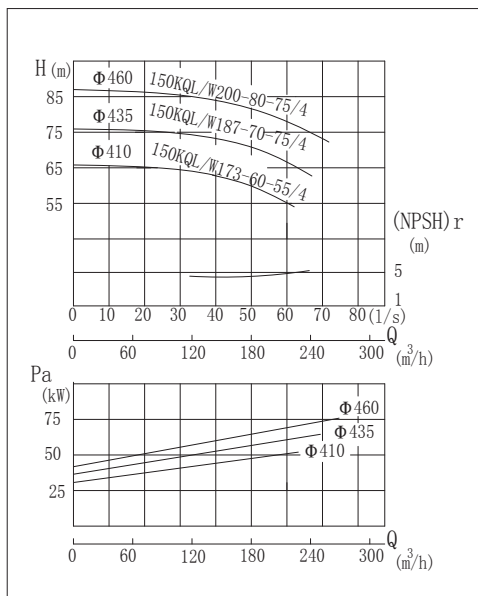
尺寸图DIMENSION FIGURE



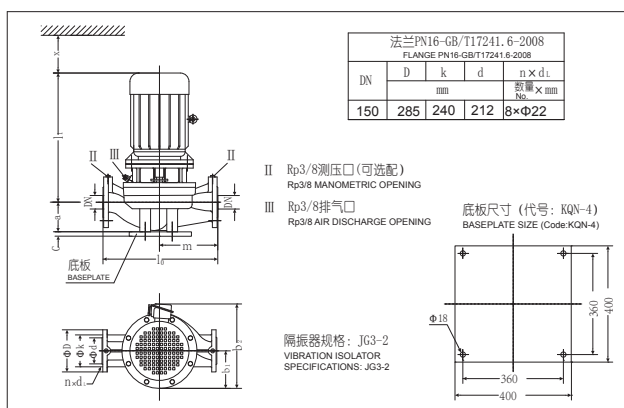
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE         | 外 形 尺 寸<br>Figure dimensions |     |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |    |     | DN1 |
|---------------------|------------------------------|-----|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|-----|
|                     | L                            | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |     |
| 150KQW179-10-11/4   | 872                          | 759 | 433            | 200            | 4-φ15                            | 140 | 500            | 300            | 600            | 400            | 359            | 30 | 150 |     |
| 150KQW200-12.5-11/4 | 872                          | 759 | 433            | 200            | 4-φ15                            | 140 | 500            | 300            | 600            | 400            | 359            | 30 | 150 |     |
| 150KQW180-16-11/4   | 872                          | 759 | 433            | 200            | 4-φ15                            | 140 | 500            | 300            | 600            | 400            | 359            | 30 | 150 |     |
| 150KQW200-20-15/4   | 905                          | 759 | 433            | 200            | 4-φ15                            | 140 | 545            | 300            | 645            | 400            | 359            | 30 | 150 |     |
| 150KQW173-24-18.5/4 | 945                          | 812 | 530            | 250            | 4-φ20                            | 140 | 565            | 370            | 665            | 500            | 382            | 50 | 150 |     |
| 150KQW200-28-22/4   | 995                          | 812 | 530            | 250            | 4-φ20                            | 140 | 600            | 370            | 700            | 500            | 382            | 50 | 150 |     |
| 150KQW200-32-30/4   | 995                          | 809 | 530            | 250            | 4-φ20                            | 140 | 650            | 370            | 750            | 500            | 379            | 50 | 150 |     |
| 150KQW240-32-30/4   | 996                          | 809 | 530            | 250            | 4-φ20                            | 140 | 650            | 370            | 750            | 500            | 379            | 50 | 150 |     |
| 150KQW200-38-30/4   | 995                          | 867 | 530            | 250            | 4-φ20                            | 140 | 650            | 370            | 750            | 500            | 417            | 50 | 150 |     |
| 150KQW187-44-37/4   | 1005                         | 864 | 530            | 250            | 4-φ20                            | 140 | 655            | 370            | 762            | 500            | 414            | 50 | 150 |     |
| 150KQW200-50-45/4   | 1030                         | 864 | 530            | 250            | 4-φ20                            | 140 | 680            | 370            | 780            | 500            | 414            | 50 | 150 |     |

## 性能曲线CHARACTERISTIC CURVE



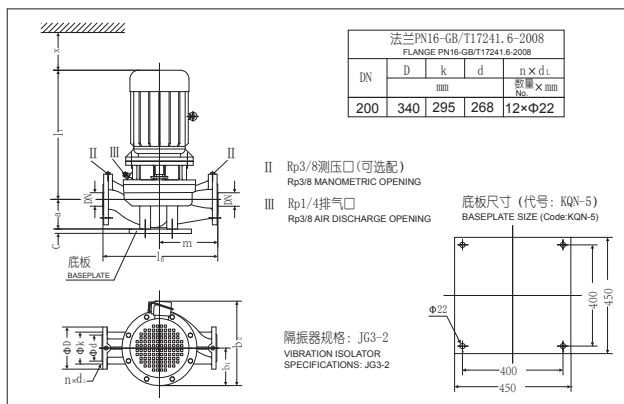
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE        | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|-------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| mm                |     |                |     |     |    |                |                |                |     |
| 150KQL173-60-55/4 | 150 | 1050           | 500 | 280 | 37 | 965            | 315            | 680            | 165 |
| 150KQL187-70-75/4 | 150 | 1050           | 500 | 280 | 37 | 1030           | 360            | 760            | 165 |
| 150KQL200-80-75/4 | 150 | 1050           | 500 | 280 | 37 | 1030           | 360            | 760            | 165 |

## 尺寸图DIMENSION FIGURE

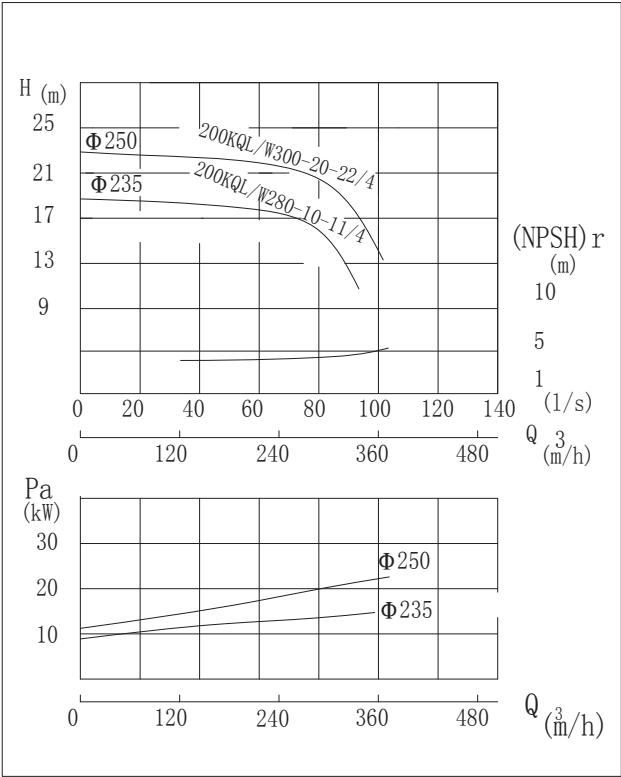


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE          | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|---------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| mm                  |     |                |     |     |    |                |                |                |     |
| 200KQL280-10-11/4   | 200 | 990            | 480 | 275 | 37 | 751            | 250            | 495            | 150 |
| 200KQL300-12.5-15/4 | 200 | 990            | 480 | 275 | 37 | 781            | 250            | 495            | 150 |
| 200KQL280-16-18.5/4 | 200 | 990            | 480 | 275 | 37 | 823            | 250            | 530            | 150 |
| 200KQL300-20-22/4   | 200 | 990            | 480 | 275 | 37 | 873            | 250            | 530            | 150 |



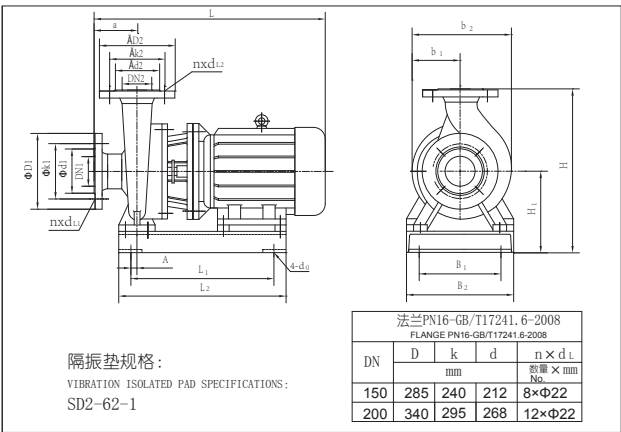
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE           | 流量<br>Capacity     |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|--------------------|-------|-------------------|------------------------|-------------------------|------------------|------------------------------|----------------------|
|                       | <sup>3</sup> (m/h) | (l/s) |                   |                        |                         |                  |                              |                      |
| 150KQL/W173-60-55/4   | 121                | 33.6  | 64                | 1480                   | 69                      | 55               | 4                            | 703                  |
|                       | 173                | 48.1  | 60                |                        |                         |                  |                              |                      |
|                       | 208                | 57.7  | 55.5              |                        |                         |                  |                              |                      |
| 150KQW180-70-55/2     | 126                | 35.0  | 75                | 2960                   | 74                      | 55               | 6                            | 590                  |
|                       | 180                | 50.0  | 70                |                        |                         |                  |                              |                      |
|                       | 216                | 60.0  | 64                |                        |                         |                  |                              |                      |
| 150KQL/W187-70-75/4   | 131                | 36.4  | 74                | 1480                   | 70                      | 75               | 4                            | 848                  |
|                       | 187                | 51.9  | 70                |                        |                         |                  |                              |                      |
|                       | 224                | 62.3  | 64                |                        |                         |                  |                              |                      |
| 150KQW200-80-75/2     | 140                | 38.9  | 86                | 2960                   | 75                      | 75               | 6                            | 630                  |
|                       | 200                | 55.6  | 80                |                        |                         |                  |                              |                      |
|                       | 240                | 66.7  | 72                |                        |                         |                  |                              |                      |
| 150KQL/W200-80-75/4   | 140                | 38.9  | 85                | 1480                   | 71.3                    | 75               | 4                            | 856                  |
|                       | 200                | 55.6  | 80                |                        |                         |                  |                              |                      |
|                       | 240                | 66.7  | 75                |                        |                         |                  |                              |                      |
| 200KQL/W280-10-11/4   | 196                | 54.4  | 11.5              | 1480                   | 82                      | 11               | 4                            | 326                  |
|                       | 280                | 77.8  | 10                |                        |                         |                  |                              |                      |
|                       | 308                | 85.6  | 8.6               |                        |                         |                  |                              |                      |
| 200KQL/W300-12.5-15/4 | 210                | 58.3  | 15                | 1480                   | 83                      | 15               | 4                            | 345                  |
|                       | 300                | 83.3  | 12.5              |                        |                         |                  |                              |                      |
|                       | 330                | 91.7  | 11                |                        |                         |                  |                              |                      |
| 200KQL/W280-16-18.5/4 | 196                | 54.4  | 18                | 1480                   | 82                      | 18.5             | 4                            | 339                  |
|                       | 280                | 77.8  | 16                |                        |                         |                  |                              |                      |
|                       | 336                | 93.3  | 13                |                        |                         |                  |                              |                      |
| 200KQL/W300-20-22/4   | 210                | 58.3  | 21.5              | 1480                   | 84                      | 22               | 4                            | 425                  |
|                       | 300                | 83.3  | 20                |                        |                         |                  |                              |                      |
|                       | 330                | 91.7  | 18                |                        |                         |                  |                              |                      |

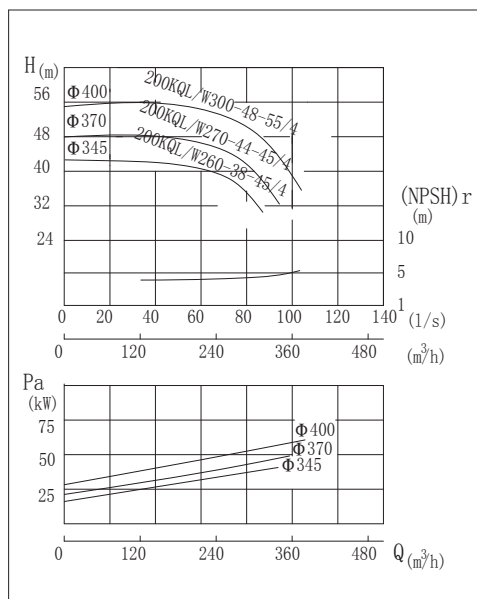
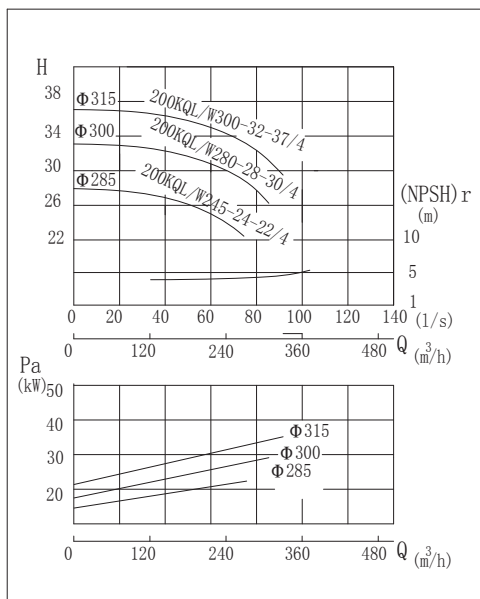
尺寸图DIMENSION FIGURE



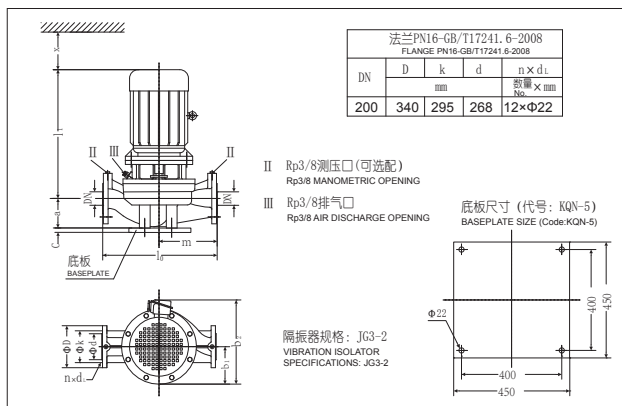
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE         | 外形尺寸<br>Figure dimensions |     |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |    |  |  | DN1 | DN2 |
|---------------------|---------------------------|-----|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|--|--|-----|-----|
|                     | L                         | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φD <sub>0</sub>             | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |  |  |     |     |
| 150KQW173-60-55/4   | 1145                      | 958 | 630            | 305            | 4-φ20                         | 180 | 760            | 430            | 860            | 560            | 458            | 50 |  |  | 150 | 150 |
| 150KQW180-70-55/2   | 1080                      | 958 | 550            | 275            | 4-φ20                         | 125 | 800            | 430            | 900            | 560            | 383            | 30 |  |  | 150 | 125 |
| 150KQW187-70-75/4   | 1215                      | 958 | 630            | 305            | 4-φ20                         | 180 | 830            | 430            | 930            | 560            | 458            | 50 |  |  | 150 | 150 |
| 150KQW200-80-75/2   | 1150                      | 793 | 580            | 290            | 4-φ20                         | 125 | 800            | 430            | 900            | 560            | 383            | 30 |  |  | 150 | 125 |
| 150KQW200-80-75/4   | 1215                      | 958 | 630            | 305            | 4-φ20                         | 180 | 830            | 430            | 930            | 560            | 458            | 50 |  |  | 150 | 150 |
| 200KQW280-10-11/4   | 900                       | 862 | 534            | 255            | 4-φ20                         | 160 | 580            | 370            | 680            | 510            | 382            | 50 |  |  | 200 | 200 |
| 200KQW300-12.5-15/4 | 930                       | 862 | 534            | 255            | 4-φ20                         | 160 | 580            | 370            | 680            | 510            | 382            | 50 |  |  | 200 | 200 |
| 200KQW280-16-18.5/4 | 970                       | 862 | 534            | 255            | 4-φ20                         | 160 | 580            | 370            | 680            | 510            | 382            | 50 |  |  | 200 | 200 |
| 200KQW300-20-22/4   | 1020                      | 862 | 529            | 250            | 4-φ20                         | 160 | 615            | 370            | 715            | 510            | 382            | 50 |  |  | 200 | 200 |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE

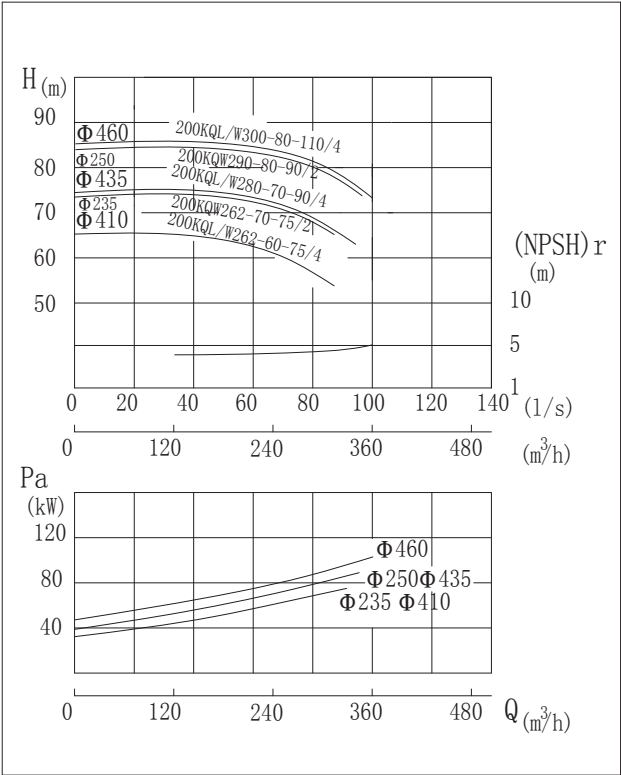


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|--------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                    |     | mm             |     |     |    |                |                |                |     |
| 200KQL245-24-22/4  | 200 | 1000           | 500 | 295 | 37 | 876            | 250            | 540            | 155 |
| 200KQL280-28-30/4  | 200 | 1000           | 500 | 295 | 37 | 876            | 270            | 610            | 155 |
| 200KQL300-32-37/4  | 200 | 1000           | 500 | 295 | 37 | 886            | 295            | 625            | 155 |
| 200KQL260-38-45/4  | 200 | 1070           | 535 | 280 | 37 | 914            | 295            | 625            | 155 |
| 200KQL270-44-45/4  | 200 | 1070           | 535 | 280 | 37 | 915            | 315            | 680            | 155 |
| 200KQL300-48-55/4  | 200 | 1070           | 535 | 280 | 37 | 976            | 360            | 760            | 155 |
| 200KQL262-60-75/4  | 200 | 1170           | 560 | 320 | 37 | 1035           | 360            | 760            | 165 |
| 200KQL280-70-90/4  | 200 | 1170           | 560 | 320 | 37 | 1096           | 360            | 760            | 165 |
| 200KQL300-80-110/4 | 200 | 1170           | 560 | 320 | 37 | 1350           | 450            | 980            | 165 |



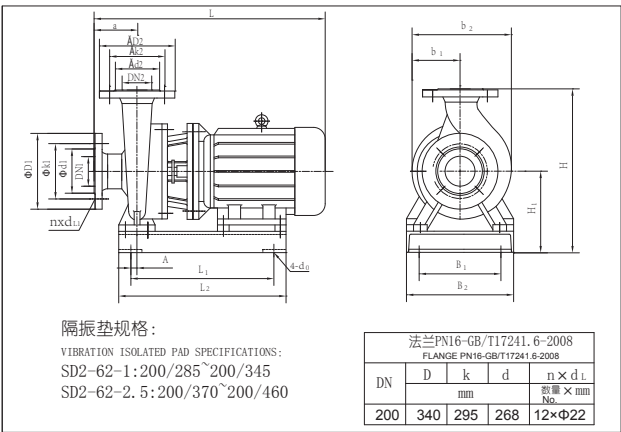
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|-------|-------------------|------------------------|-------------------------|------------------|------------------------------|----------------------|
|                      | (m³/h)         | (l/s) |                   |                        |                         |                  |                              |                      |
| 200KQL/W245-24-22/4  | 171            | 47.5  | 25.4              | 1480                   | 82                      | 22               | 4                            | 455                  |
|                      | 245            | 72.2  | 24                |                        |                         |                  |                              |                      |
|                      | 270            | 75.0  | 21.6              |                        |                         |                  |                              |                      |
| 200KQL/W280-28-30/4  | 196            | 54.4  | 30.6              | 1480                   | 82                      | 30               | 4                            | 510                  |
|                      | 280            | 77.8  | 28                |                        |                         |                  |                              |                      |
|                      | 308            | 85.6  | 26.2              |                        |                         |                  |                              |                      |
| 200KQL/W300-32-37/4  | 210            | 58.3  | 34.5              | 1480                   | 83.8                    | 37               | 4                            | 615                  |
|                      | 300            | 83.3  | 32                |                        |                         |                  |                              |                      |
|                      | 330            | 91.7  | 29.5              |                        |                         |                  |                              |                      |
| 200KQL/W260-38-45/4  | 182            | 50.6  | 41.4              | 1480                   | 78                      | 45               | 4                            | 575                  |
|                      | 260            | 72.2  | 38                |                        |                         |                  |                              |                      |
|                      | 312            | 86.7  | 29.6              |                        |                         |                  |                              |                      |
| 200KQL/W270-44-45/4  | 189            | 52.5  | 46.2              | 1480                   | 80                      | 45               | 4                            | 648                  |
|                      | 270            | 75.0  | 44                |                        |                         |                  |                              |                      |
|                      | 297            | 82.5  | 39.6              |                        |                         |                  |                              |                      |
| 200KQL/W300-48-55/4  | 210            | 58.3  | 50.4              | 1480                   | 81.6                    | 55               | 4                            | 745                  |
|                      | 300            | 83.3  | 48                |                        |                         |                  |                              |                      |
|                      | 330            | 91.7  | 43.2              |                        |                         |                  |                              |                      |
| 200KQL/W262-60-75/4  | 182            | 50.6  | 64                | 1480                   | 73                      | 75               | 4.5                          | 888                  |
|                      | 262            | 72.8  | 60                |                        |                         |                  |                              |                      |
|                      | 312            | 86.7  | 54                |                        |                         |                  |                              |                      |
| 200KQW262-70-75/2    | 182            | 50.6  | 78                | 2960                   | 78                      | 75               | 8                            | 790                  |
|                      | 262            | 72.8  | 70                |                        |                         |                  |                              |                      |
|                      | 312            | 86.7  | 65                |                        |                         |                  |                              |                      |
| 200KQL/W280-70-90/4  | 196            | 54.4  | 74                | 1480                   | 75                      | 90               | 4.5                          | 986                  |
|                      | 280            | 77.8  | 70                |                        |                         |                  |                              |                      |
|                      | 336            | 93.3  | 64                |                        |                         |                  |                              |                      |
| 200KQW290-80-90/2    | 203            | 56.4  | 92                | 2960                   | 80                      | 90               | 8                            | 850                  |
|                      | 290            | 80.6  | 80                |                        |                         |                  |                              |                      |
|                      | 348            | 96.7  | 69                |                        |                         |                  |                              |                      |
| 200KQL/W300-80-110/4 | 210            | 58.3  | 85                | 1480                   | 76                      | 110              | 4.5                          | 1308                 |
|                      | 300            | 83.3  | 80                |                        |                         |                  |                              |                      |
|                      | 360            | 100.0 | 73                |                        |                         |                  |                              |                      |

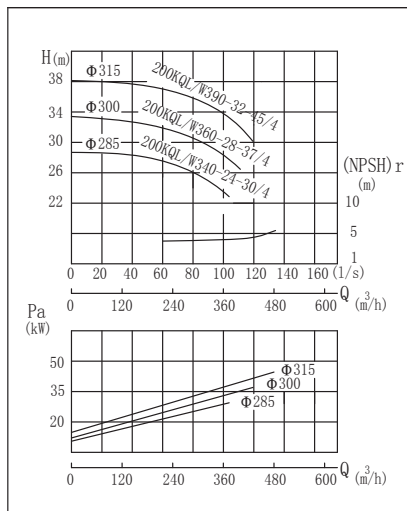
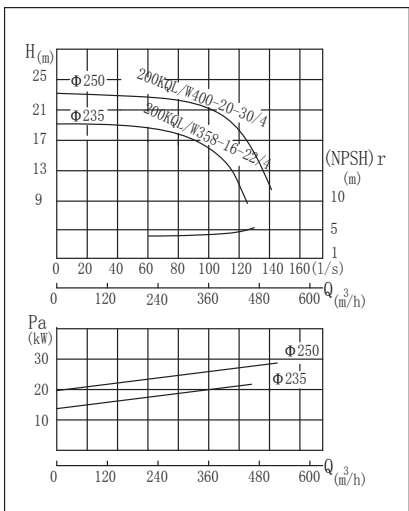
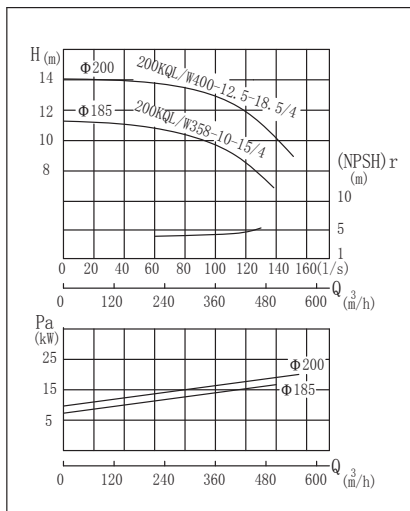
尺寸图DIMENSION FIGURE



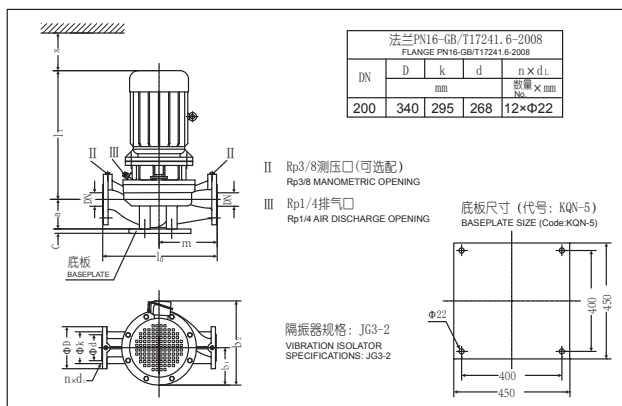
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE        | 外形 尺寸<br>Figure dimensions |      |                |                | 安 装 尺寸<br>Installing dimensions |     |                |                |                |                |                |    | DN1 | DN2 |
|--------------------|----------------------------|------|----------------|----------------|---------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|-----|
|                    | L                          | H    | b <sub>2</sub> | b <sub>1</sub> | 4-φd <sub>0</sub>               | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |     |
|                    |                            |      |                |                |                                 |     |                |                |                |                |                |    |     |     |
| 200KQW245-24-22/4  | 1030                       | 918  | 529            | 250            | 4-φ20                           | 160 | 670            | 430            | 770            | 560            | 418            | 50 | 200 | 200 |
| 200KQW280-28-30/4  | 1030                       | 918  | 590            | 280            | 4-φ20                           | 160 | 670            | 430            | 770            | 560            | 418            | 50 | 200 | 200 |
| 200KQW300-32-37/4  | 1040                       | 918  | 590            | 280            | 4-φ20                           | 160 | 670            | 430            | 770            | 560            | 418            | 50 | 200 | 200 |
| 200KQW260-38-45/4  | 1065                       | 876  | 577            | 280            | 4-φ20                           | 160 | 695            | 430            | 795            | 560            | 418            | 50 | 200 | 200 |
| 200KQW270-44-45/4  | 1065                       | 876  | 577            | 280            | 4-φ20                           | 160 | 695            | 430            | 795            | 560            | 418            | 50 | 200 | 200 |
| 200KQW300-48-55/4  | 1125                       | 876  | 572            | 280            | 4-φ20                           | 160 | 760            | 430            | 860            | 560            | 418            | 50 | 200 | 200 |
| 200KQW262-60-75/4  | 1225                       | 1022 | 673            | 320            | 4-φ25                           | 180 | 830            | 480            | 930            | 640            | 462            | 50 | 200 | 200 |
| 200KQW262-70-75/2  | 1195                       | 855  | 580            | 290            | 4-φ20                           | 170 | 790            | 430            | 919            | 560            | 445            | 30 | 200 | 150 |
| 200KQW280-70-90/4  | 1265                       | 1022 | 673            | 320            | 4-φ25                           | 180 | 880            | 480            | 980            | 640            | 462            | 50 | 200 | 200 |
| 200KQW290-80-90/2  | 1245                       | 855  | 580            | 290            | 4-φ20                           | 170 | 840            | 430            | 970            | 560            | 445            | 30 | 200 | 150 |
| 200KQW300-80-110/4 | 1530                       | 1022 | 683            | 330            | 4-φ25                           | 180 | 955            | 480            | 1055           | 640            | 462            | 50 | 200 | 200 |

## 性能曲线CHARACTERISTIC CURVE



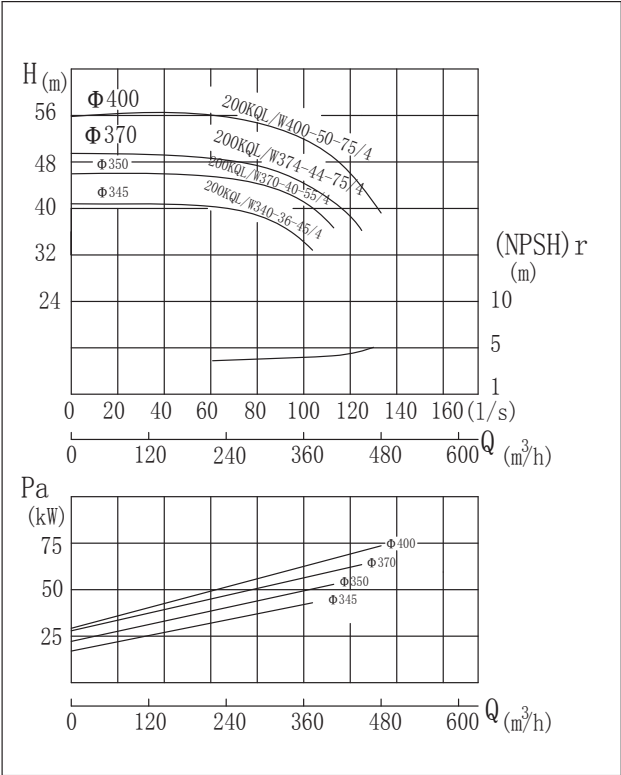
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE            | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|-----------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
|                       |     | mm             |     |     |    |                |                |                |     |
| 200KQL358-10-15/4     | 200 | 990            | 480 | 275 | 37 | 781            | 250            | 530            | 150 |
| 200KQL400-12.5-18.5/4 | 200 | 990            | 480 | 275 | 37 | 823            | 250            | 530            | 150 |
| 200KQL358-16-22/4     | 200 | 990            | 480 | 275 | 37 | 873            | 250            | 530            | 150 |
| 200KQL400-20-30/4     | 200 | 990            | 480 | 275 | 37 | 873            | 270            | 575            | 150 |
| 200KQL340-24-30/4     | 200 | 1000           | 500 | 295 | 37 | 876            | 270            | 575            | 155 |
| 200KQL360-28-37/4     | 200 | 1000           | 500 | 295 | 37 | 886            | 295            | 625            | 155 |
| 200KQL390-32-45/4     | 200 | 1000           | 500 | 295 | 37 | 911            | 295            | 625            | 155 |
| 200KQL340-36-45/4     | 200 | 1070           | 535 | 280 | 37 | 914            | 295            | 625            | 155 |
| 200KQL370-40-55/4     | 200 | 1070           | 535 | 280 | 37 | 976            | 315            | 680            | 155 |
| 200KQL374-44-75/4     | 200 | 1070           | 535 | 280 | 37 | 1035           | 360            | 760            | 155 |
| 200KQL400-50-75/4     | 200 | 1070           | 535 | 280 | 37 | 1035           | 360            | 760            | 155 |

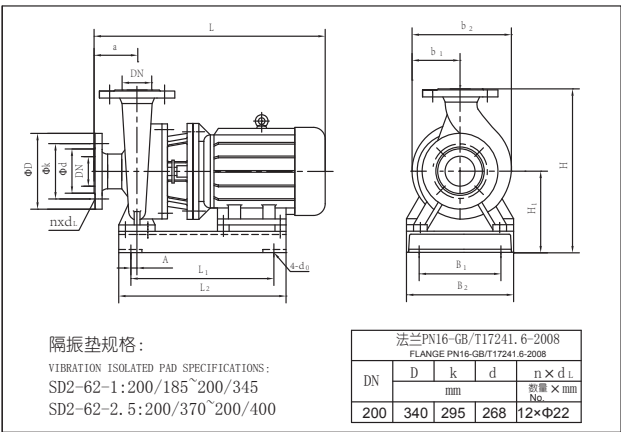
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE             | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-------------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                         | 3<br>(m³/h)    | (l/s) |                   |                        |                         |                           |                              |                      |
| 200KQL/W358-10-15/4     | 250            | 69.4  | 13                | 1480                   | 81                      | 15                        | 4                            | 346                  |
|                         | 358            | 99.4  | 10                |                        |                         |                           |                              |                      |
|                         | 394            | 109.4 | 7                 |                        |                         |                           |                              |                      |
| 200KQL/W400-12.5-18.5/4 | 280            | 77.8  | 15.5              | 1480                   | 82                      | 18.5                      | 4                            | 380                  |
|                         | 400            | 111.1 | 12.5              |                        |                         |                           |                              |                      |
|                         | 440            | 122.2 | 10.2              |                        |                         |                           |                              |                      |
| 200KQL/W358-16-22/4     | 250            | 69.4  | 18                | 1480                   | 83                      | 22                        | 4                            | 586                  |
|                         | 358            | 99.4  | 16                |                        |                         |                           |                              |                      |
|                         | 430            | 119.4 | 11.2              |                        |                         |                           |                              |                      |
| 200KQL/W400-20-30/4     | 280            | 77.8  | 23                | 1480                   | 84                      | 30                        | 4                            | 454                  |
|                         | 400            | 111.1 | 20                |                        |                         |                           |                              |                      |
|                         | 480            | 133.3 | 14                |                        |                         |                           |                              |                      |
| 200KQL/W340-24-30/4     | 238            | 66.1  | 25.2              | 1480                   | 80                      | 30                        | 4                            | 510                  |
|                         | 340            | 96.1  | 24                |                        |                         |                           |                              |                      |
|                         | 374            | 103.9 | 21.6              |                        |                         |                           |                              |                      |
| 200KQL/W360-28-37/4     | 252            | 70.0  | 31.5              | 1480                   | 81                      | 37                        | 4                            | 560                  |
|                         | 360            | 100.0 | 28                |                        |                         |                           |                              |                      |
|                         | 396            | 110.0 | 25                |                        |                         |                           |                              |                      |
| 200KQL/W390-32-45/4     | 273            | 75.8  | 34.5              | 1480                   | 83.9                    | 45                        | 4                            | 600                  |
|                         | 390            | 108.3 | 32                |                        |                         |                           |                              |                      |
|                         | 429            | 119.2 | 28.8              |                        |                         |                           |                              |                      |
| 200KQL/W340-36-45/4     | 238            | 66.1  | 39                | 1480                   | 80                      | 45                        | 4                            | 605                  |
|                         | 340            | 96.1  | 36                |                        |                         |                           |                              |                      |
|                         | 374            | 103.9 | 32.4              |                        |                         |                           |                              |                      |
| 200KQL/W370-40-55/4     | 259            | 71.9  | 45.5              | 1480                   | 82                      | 55                        | 4                            | 712                  |
|                         | 370            | 102.8 | 40                |                        |                         |                           |                              |                      |
|                         | 407            | 113.1 | 36                |                        |                         |                           |                              |                      |
| 200KQL/W374-44-75/4     | 262            | 72.8  | 48                | 1480                   | 81                      | 75                        | 4                            | 828                  |
|                         | 374            | 103.9 | 44                |                        |                         |                           |                              |                      |
|                         | 449            | 124.7 | 34                |                        |                         |                           |                              |                      |
| 200KQL/W400-50-75/4     | 280            | 77.8  | 54.5              | 1480                   | 82.6                    | 75                        | 4                            | 819                  |
|                         | 400            | 111.1 | 50                |                        |                         |                           |                              |                      |
|                         | 480            | 133.3 | 39                |                        |                         |                           |                              |                      |

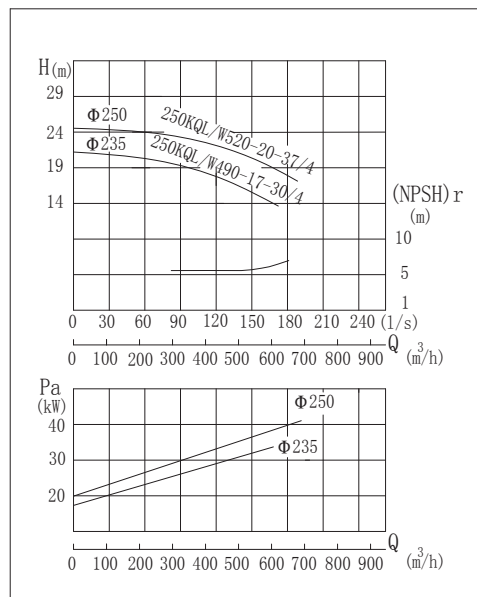
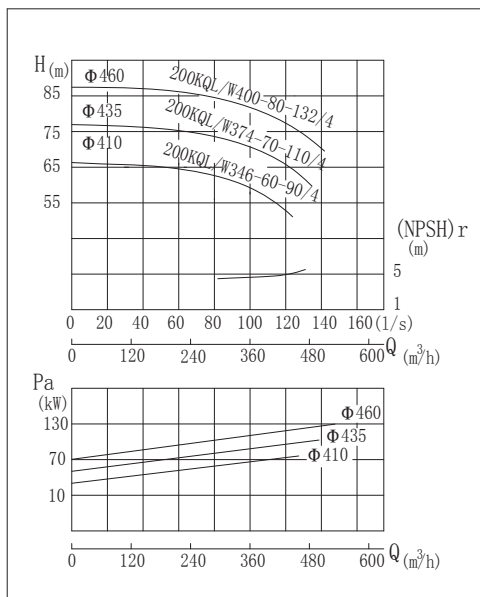
尺寸图DIMENSION FIGURE



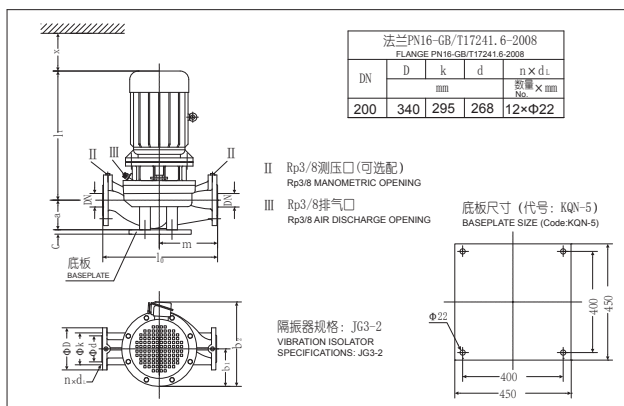
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE           | 外形 尺寸<br>Figure dimensions |     |                |                | 安 装 尺寸<br>Installing dimensions |     |                |                |                |                |                |    |     | DN |
|-----------------------|----------------------------|-----|----------------|----------------|---------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|----|
|                       | L                          | H   | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |    |
| 200KQW358-10-15/4     | 930                        | 862 | 529            | 250            | 4-φ20                           | 160 | 580            | 370            | 680            | 510            | 382            | 50 | 200 |    |
| 200KQW400-12.5-18.5/4 | 970                        | 862 | 529            | 250            | 4-φ20                           | 160 | 580            | 370            | 680            | 510            | 382            | 50 | 200 |    |
| 200KQW358-16-22/4     | 1020                       | 862 | 529            | 250            | 4-φ20                           | 160 | 615            | 370            | 715            | 510            | 382            | 50 | 200 |    |
| 200KQW400-20-30/4     | 1030                       | 859 | 529            | 250            | 4-φ20                           | 160 | 665            | 370            | 765            | 500            | 379            | 50 | 200 |    |
| 200KQW340-24-30/4     | 1030                       | 918 | 572            | 280            | 4-φ20                           | 160 | 670            | 430            | 770            | 560            | 418            | 50 | 200 |    |
| 200KQW360-28-37/4     | 1040                       | 918 | 572            | 280            | 4-φ20                           | 160 | 670            | 430            | 770            | 560            | 418            | 50 | 200 |    |
| 200KQW390-32-45/4     | 1065                       | 918 | 572            | 280            | 4-φ20                           | 160 | 695            | 430            | 795            | 560            | 418            | 50 | 200 |    |
| 200KQW340-36-45/4     | 1065                       | 878 | 572            | 280            | 4-φ20                           | 160 | 695            | 430            | 795            | 560            | 418            | 50 | 200 |    |
| 200KQW370-40-55/4     | 1125                       | 878 | 572            | 280            | 4-φ20                           | 160 | 760            | 430            | 860            | 560            | 418            | 50 | 200 |    |
| 200KQW374-44-75/4     | 1205                       | 878 | 587            | 290            | 4-φ20                           | 160 | 830            | 430            | 930            | 560            | 418            | 50 | 200 |    |
| 200KQW400-50-75/4     | 1205                       | 878 | 587            | 290            | 4-φ20                           | 160 | 830            | 430            | 930            | 560            | 418            | 50 | 200 |    |

## 性能曲线CHARACTERISTIC CURVE



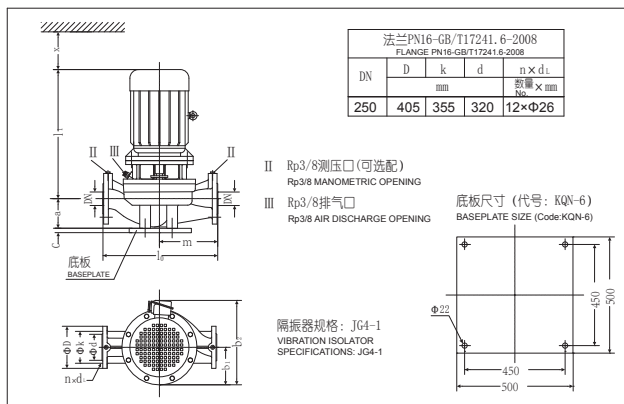
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | $l_0$ | m   | a   | c  | $l_1$ | $b_1$ | $b_2$ | x   |
|--------------------|-----|-------|-----|-----|----|-------|-------|-------|-----|
| mm                 |     |       |     |     |    |       |       |       |     |
| 200KQL346-60-90/4  | 200 | 1170  | 560 | 320 | 37 | 1096  | 360   | 760   | 165 |
| 200KQL374-70-110/4 | 200 | 1170  | 560 | 320 | 37 | 1350  | 450   | 980   | 165 |
| 200KQL400-80-132/4 | 200 | 1170  | 560 | 320 | 37 | 1371  | 450   | 980   | 165 |

## 尺寸图DIMENSION FIGURE

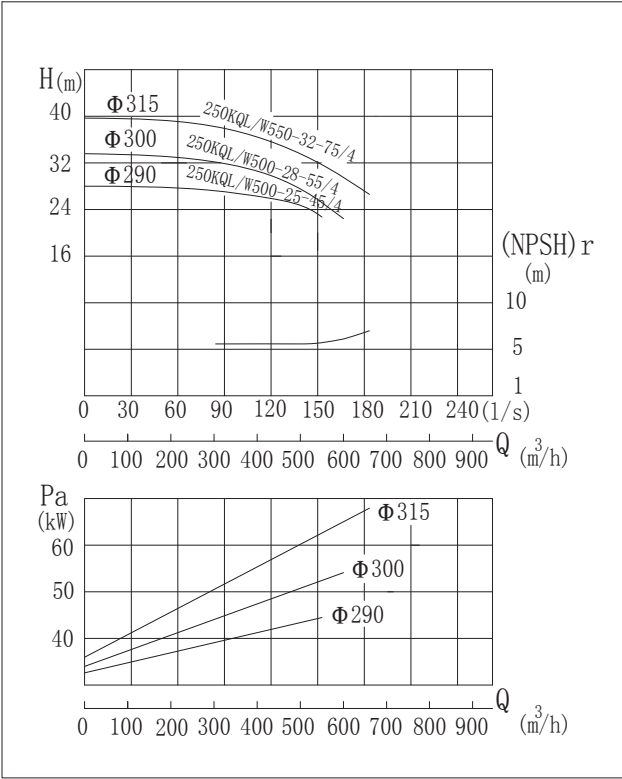


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE        | DN  | $l_0$ | m   | a   | c  | $l_1$ | $b_1$ | $b_2$ | x   |
|-------------------|-----|-------|-----|-----|----|-------|-------|-------|-----|
| mm                |     |       |     |     |    |       |       |       |     |
| 250KQL490-17-30/4 | 250 | 1100  | 550 | 335 | 40 | 864   | 295   | 660   | 180 |
| 250KQL520-20-37/4 | 250 | 1100  | 550 | 335 | 40 | 870   | 295   | 660   | 180 |
| 250KQL500-25-45/4 | 250 | 1100  | 550 | 335 | 40 | 915   | 295   | 660   | 180 |
| 250KQL500-28-55/4 | 250 | 1100  | 550 | 335 | 40 | 959   | 360   | 660   | 180 |
| 250KQL550-32-75/4 | 250 | 1100  | 550 | 335 | 40 | 1039  | 360   | 760   | 180 |



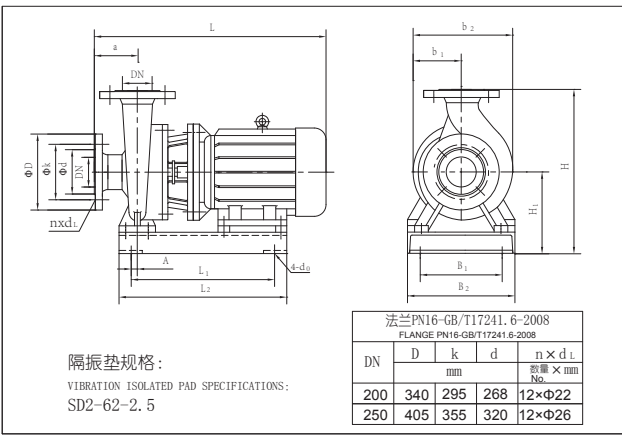
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|-------|-------------------|------------------------|-------------------------|------------------|------------------------------|----------------------|
|                      | 3<br>(m³/h)    | (l/s) |                   |                        |                         |                  |                              |                      |
| 200KQL/W346-60-90/4  | 242            | 67.2  | 64                | 1480                   | 75                      | 90               | 4.5                          | 935                  |
|                      | 346            | 96.1  | 60                |                        |                         |                  |                              |                      |
|                      | 415            | 115.3 | 54                |                        |                         |                  |                              |                      |
| 200KQL/W374-70-110/4 | 262            | 72.8  | 74                | 1480                   | 77                      | 110              | 4.5                          | 1276                 |
|                      | 374            | 103.9 | 70                |                        |                         |                  |                              |                      |
|                      | 449            | 124.7 | 64                |                        |                         |                  |                              |                      |
| 200KQL/W400-80-132/4 | 280            | 77.8  | 85                | 1480                   | 78.5                    | 132              | 4.5                          | 1380                 |
|                      | 400            | 111.1 | 80                |                        |                         |                  |                              |                      |
|                      | 480            | 133.3 | 73                |                        |                         |                  |                              |                      |
| 250KQL/W490-17-30/4  | 343            | 95.3  | 19                | 1480                   | 83.5                    | 30               | 5.5                          | 545                  |
|                      | 490            | 136.1 | 17                |                        |                         |                  |                              |                      |
|                      | 539            | 149.7 | 15.3              |                        |                         |                  |                              |                      |
| 250KQL/W520-20-37/4  | 364            | 101.1 | 22                | 1480                   | 84.5                    | 37               | 5.5                          | 630                  |
|                      | 520            | 144.4 | 20                |                        |                         |                  |                              |                      |
|                      | 572            | 158.9 | 18                |                        |                         |                  |                              |                      |
| 250KQL/W500-25-45/4  | 350            | 97.2  | 26.2              | 1480                   | 84.7                    | 45               | 5.5                          | 622                  |
|                      | 500            | 138.9 | 25                |                        |                         |                  |                              |                      |
|                      | 550            | 152.8 | 22.5              |                        |                         |                  |                              |                      |
| 250KQL/W500-28-55/4  | 364            | 101.1 | 31.5              | 1480                   | 83                      | 55               | 5.5                          | 716                  |
|                      | 500            | 138.9 | 28                |                        |                         |                  |                              |                      |
|                      | 600            | 166.7 | 25                |                        |                         |                  |                              |                      |
| 250KQL/W550-32-75/4  | 400            | 111.1 | 33.5              | 1480                   | 85                      | 75               | 5.5                          | 852                  |
|                      | 550            | 152.8 | 32                |                        |                         |                  |                              |                      |
|                      | 660            | 183.3 | 29                |                        |                         |                  |                              |                      |

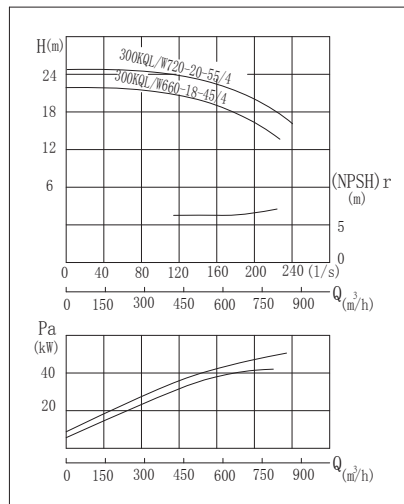
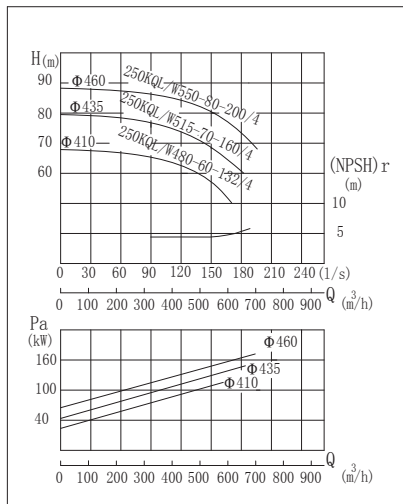
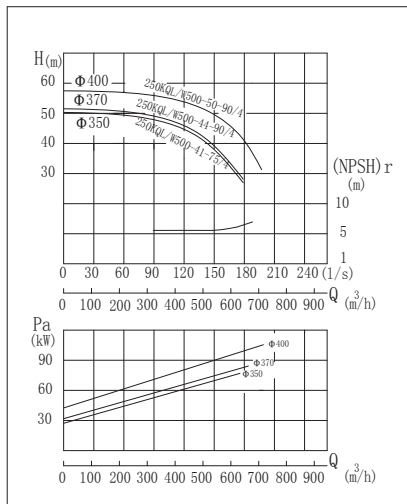
尺寸图DIMENSION FIGURE



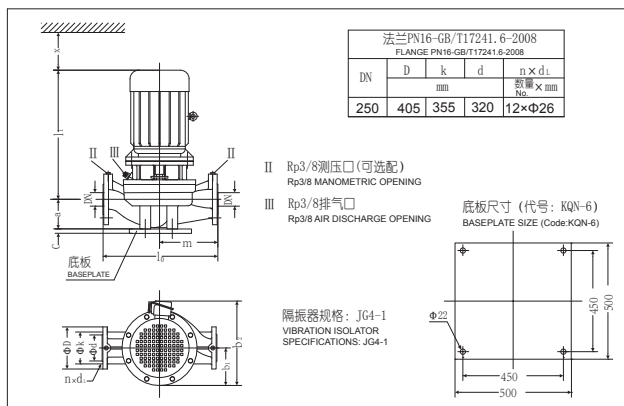
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE        | 外形 尺寸<br>Figure dimensions |      |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |    |     | DN |
|--------------------|----------------------------|------|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|----|
|                    | L                          | H    | b <sub>2</sub> | b <sub>1</sub> | 4- $\phi_0$                      | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |    |
| 200KQW346-60-90/4  | 1265                       | 1022 | 661            | 320            | 4- $\phi$ 25                     | 180 | 880            | 480            | 980            | 640            | 462            | 50 | 200 |    |
| 200KQW374-70-110/4 | 1530                       | 1022 | 683            | 330            | 4- $\phi$ 25                     | 180 | 955            | 480            | 1055           | 640            | 462            | 50 | 200 |    |
| 200KQW400-80-132/4 | 1560                       | 1022 | 683            | 330            | 4- $\phi$ 25                     | 180 | 1005           | 480            | 1150           | 640            | 462            | 50 | 200 |    |
| 250KQW490-17-30/4  | 1074                       | 989  | 690            | 300            | 4- $\phi$ 20                     | 200 | 630            | 500            | 795            | 640            | 441            | 30 | 250 |    |
| 250KQW520-20-37/4  | 1084                       | 989  | 690            | 300            | 4- $\phi$ 20                     | 200 | 630            | 500            | 780            | 640            | 439            | 30 | 250 |    |
| 250KQW500-25-45/4  | 1109                       | 989  | 690            | 320            | 4- $\phi$ 20                     | 200 | 630            | 500            | 805            | 640            | 439            | 30 | 250 |    |
| 250KQW500-28-55/4  | 1169                       | 989  | 660            | 320            | 4- $\phi$ 20                     | 200 | 630            | 500            | 880            | 640            | 439            | 30 | 250 |    |
| 250KQW550-32-75/4  | 1245                       | 989  | 660            | 320            | 4- $\phi$ 20                     | 200 | 710            | 500            | 935            | 640            | 439            | 30 | 250 |    |

## 性能曲线CHARACTERISTIC CURVE



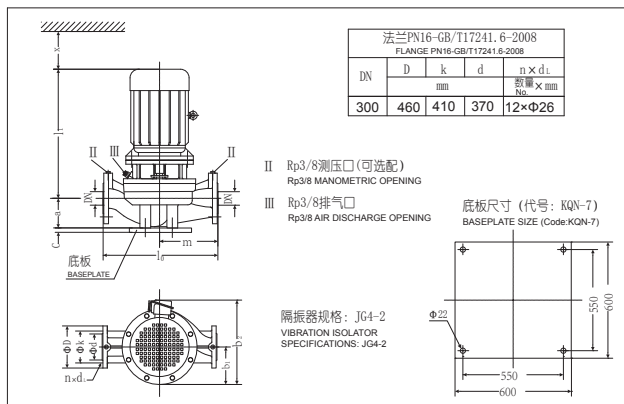
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|--------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| 250KQL500-41-75/4  | 250 | 1200           | 600 | 335 | 40 | 1035           | 360            | 760            | 205 |
| 250KQL500-44-90/4  | 250 | 1200           | 600 | 335 | 40 | 1085           | 360            | 760            | 205 |
| 250KQL500-50-90/4  | 250 | 1200           | 600 | 335 | 40 | 1085           | 360            | 760            | 205 |
| 250KQL480-60-132/4 | 250 | 1360           | 650 | 380 | 40 | 1396           | 450            | 880            | 205 |
| 250KQL515-70-160/4 | 250 | 1360           | 650 | 380 | 40 | 1380           | 450            | 880            | 205 |
| 250KQL550-80-200/4 | 250 | 1360           | 650 | 380 | 40 | 1380           | 450            | 880            | 205 |

## 尺寸图DIMENSION FIGURE

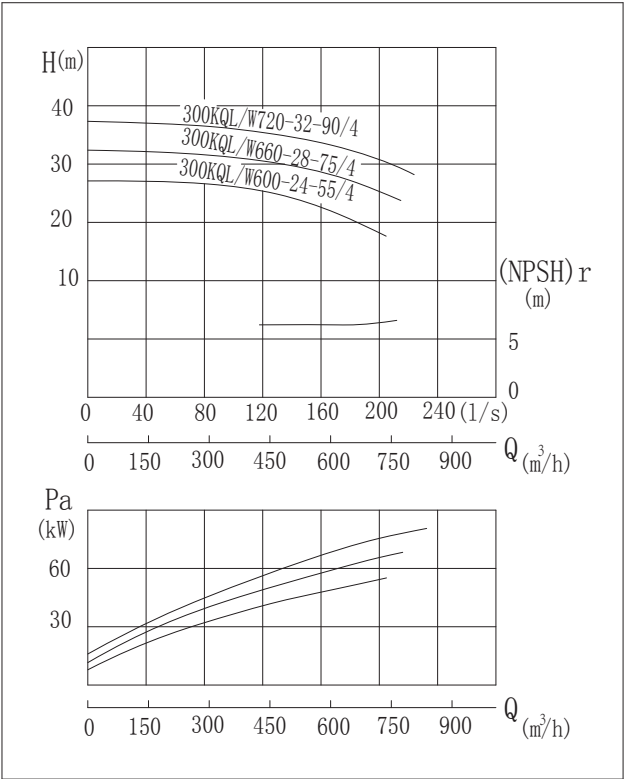


## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE        | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|-------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| 300KQL660-18-45/4 | 300 | 1250           | 625 | 390 | 45 | 937            | 305            | 710            | 230 |
| 300KQL720-20-55/4 | 300 | 1250           | 625 | 390 | 45 | 1001           | 325            | 725            | 230 |
| 300KQL600-24-55/4 | 300 | 1250           | 625 | 390 | 45 | 1001           | 325            | 725            | 230 |
| 300KQL660-28-75/4 | 300 | 1250           | 625 | 390 | 45 | 1077           | 360            | 760            | 230 |
| 300KQL720-32-90/4 | 300 | 1250           | 625 | 390 | 45 | 1115           | 360            | 760            | 230 |



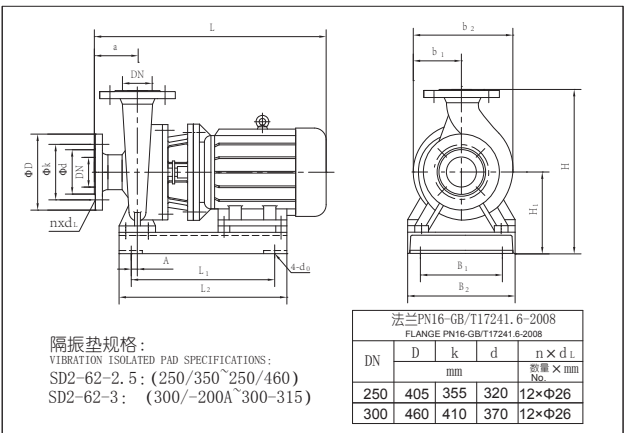
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE          | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|----------------------|----------------|-------|-------------------|------------------------|-------------------------|------------------|------------------------------|----------------------|
|                      | (m³/h)         | (l/s) |                   |                        |                         |                  |                              |                      |
| 250KQL/W500-41-75/4  | 350            | 97.2  | 44                | 1480                   | 83                      | 75               | 5.5                          | 930                  |
|                      | 500            | 138.9 | 41                |                        |                         |                  |                              |                      |
|                      | 550            | 152.8 | 36.9              |                        |                         |                  |                              |                      |
| 250KQL/W500-44-90/4  | 365            | 101.4 | 47                | 1480                   | 80                      | 90               | 5.5                          | 970                  |
|                      | 500            | 138.9 | 44                |                        |                         |                  |                              |                      |
|                      | 600            | 166.7 | 35                |                        |                         |                  |                              |                      |
| 250KQL/W500-50-90/4  | 350            | 97.2  | 52.5              | 1480                   | 84.1                    | 90               | 5.5                          | 1035                 |
|                      | 500            | 138.9 | 50                |                        |                         |                  |                              |                      |
|                      | 550            | 152.8 | 45                |                        |                         |                  |                              |                      |
| 250KQL/W480-60-132/4 | 350            | 97.2  | 64                | 1480                   | 79                      | 132              | 4.5                          | 1492                 |
|                      | 480            | 133.3 | 60                |                        |                         |                  |                              |                      |
|                      | 580            | 161.1 | 52.5              |                        |                         |                  |                              |                      |
| 250KQL/W515-70-160/4 | 375            | 104.2 | 74                | 1480                   | 80                      | 160              | 4.5                          | 1510                 |
|                      | 515            | 143.0 | 70                |                        |                         |                  |                              |                      |
|                      | 620            | 172.2 | 61.2              |                        |                         |                  |                              |                      |
| 250KQL/W550-80-200/4 | 400            | 111.1 | 85                | 1480                   | 81.6                    | 200              | 4.5                          | 1697                 |
|                      | 550            | 152.8 | 80                |                        |                         |                  |                              |                      |
|                      | 660            | 183.3 | 73                |                        |                         |                  |                              |                      |
| 300KQL/W660-18-45/4  | 460            | 127.8 | 20                | 1480                   | 82                      | 45               | 6.0                          | 710                  |
|                      | 660            | 183.3 | 17.5              |                        |                         |                  |                              |                      |
|                      | 790            | 219.4 | 14                |                        |                         |                  |                              |                      |
| 300KQL/W720-20-55/4  | 500            | 138.9 | 23                | 1480                   | 84.2                    | 55               | 6.0                          | 820                  |
|                      | 720            | 200.0 | 20                |                        |                         |                  |                              |                      |
|                      | 860            | 239.0 | 16                |                        |                         |                  |                              |                      |
| 300KQL/W600-24-55/4  | 420            | 116.7 | 26.5              | 1480                   | 81                      | 55               | 6.0                          | 805                  |
|                      | 600            | 166.7 | 24                |                        |                         |                  |                              |                      |
|                      | 720            | 200.0 | 20.6              |                        |                         |                  |                              |                      |
| 300KQL/W660-28-75/4  | 460            | 127.8 | 30.5              | 1480                   | 83                      | 75               | 6.0                          | 938                  |
|                      | 660            | 183.3 | 28                |                        |                         |                  |                              |                      |
|                      | 790            | 219.4 | 24                |                        |                         |                  |                              |                      |
| 300KQL/W720-32-90/4  | 500            | 138.9 | 35                | 1480                   | 85.8                    | 90               | 6.0                          | 1043                 |
|                      | 720            | 200.0 | 32                |                        |                         |                  |                              |                      |
|                      | 860            | 239.0 | 28                |                        |                         |                  |                              |                      |

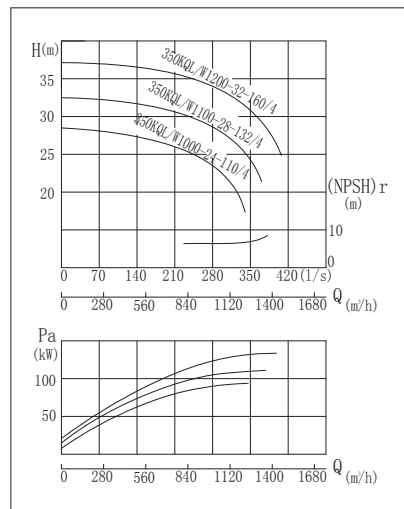
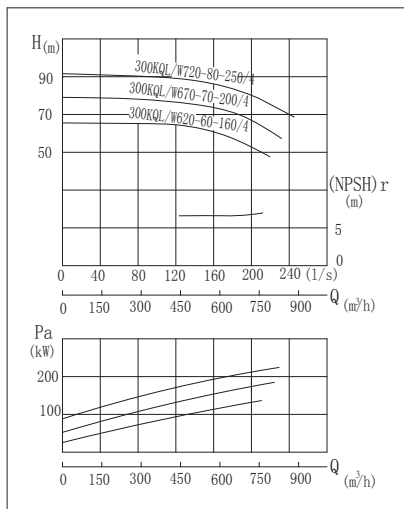
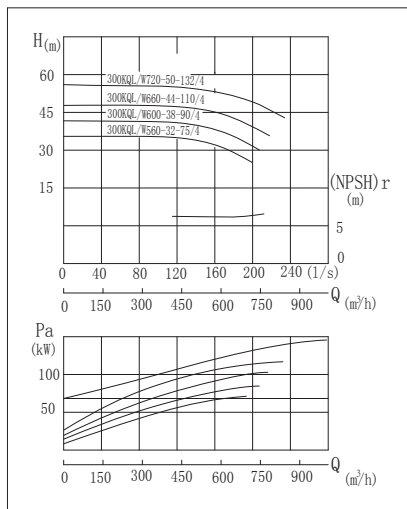
尺寸图DIMENSION FIGURE



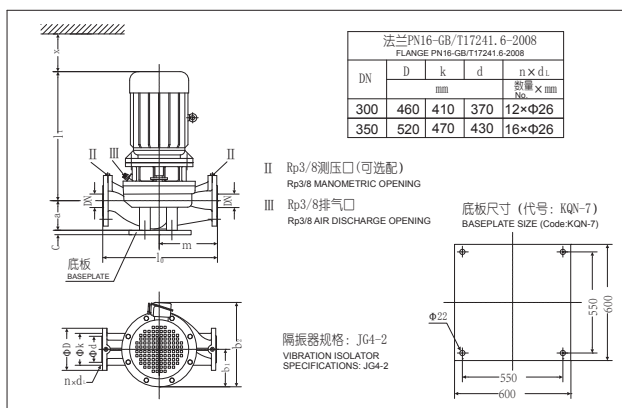
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE        | 外形 尺寸<br>Figure dimensions |      |                |                | 安 装 尺 寸<br>Installing dimensions |     |                |                |                |                |                |     |     |  | DN |
|--------------------|----------------------------|------|----------------|----------------|----------------------------------|-----|----------------|----------------|----------------|----------------|----------------|-----|-----|--|----|
|                    | L                          | H    | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>0</sub>                 | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A   |     |  |    |
| 250KQW500-41-75/4  | 1245                       | 1039 | 690            | 300            | 4-φ20                            | 200 | 710            | 500            | 935            | 640            | 464            | 30  | 250 |  |    |
| 250KQW500-44-90/4  | 1285                       | 1039 | 690            | 300            | 4-φ20                            | 200 | 710            | 500            | 985            | 640            | 464            | 30  | 250 |  |    |
| 250KQW500-50-90/4  | 1285                       | 1039 | 690            | 330            | 4-φ20                            | 200 | 710            | 500            | 985            | 640            | 464            | 30  | 250 |  |    |
| 250KQW480-60-132/4 | 1600                       | 1144 | 731            | 341            | 4-φ25                            | 220 | 900            | 550            | 1170           | 640            | 494            | 30  | 250 |  |    |
| 250KQW515-70-160/4 | 1600                       | 1144 | 731            | 341            | 4-φ25                            | 220 | 900            | 550            | 1170           | 640            | 494            | 30  | 250 |  |    |
| 250KQW550-80-200/4 | 1600                       | 1144 | 731            | 341            | 4-φ25                            | 220 | 900            | 550            | 1170           | 640            | 494            | 30  | 250 |  |    |
| 300KQW660-18-45/4  | 1178                       | 1081 | 695            | 300            | 4-φ25                            | 253 | 710            | 430            | 930            | 560            | 484            | 110 | 300 |  |    |
| 300KQW720-20-55/4  | 1238                       | 1081 | 695            | 300            | 4-φ25                            | 253 | 780            | 430            | 975            | 640            | 484            | 110 | 300 |  |    |
| 300KQW600-24-55/4  | 1238                       | 1081 | 695            | 300            | 4-φ25                            | 253 | 780            | 430            | 1000           | 640            | 481            | 110 | 300 |  |    |
| 300KQW660-28-75/4  | 1318                       | 1081 | 695            | 300            | 4-φ25                            | 253 | 850            | 430            | 1015           | 640            | 481            | 110 | 300 |  |    |
| 300KQW720-32-90/4  | 1358                       | 1081 | 720            | 300            | 4-φ25                            | 253 | 890            | 430            | 1065           | 640            | 481            | 110 | 300 |  |    |

## 性能曲线CHARACTERISTIC CURVE



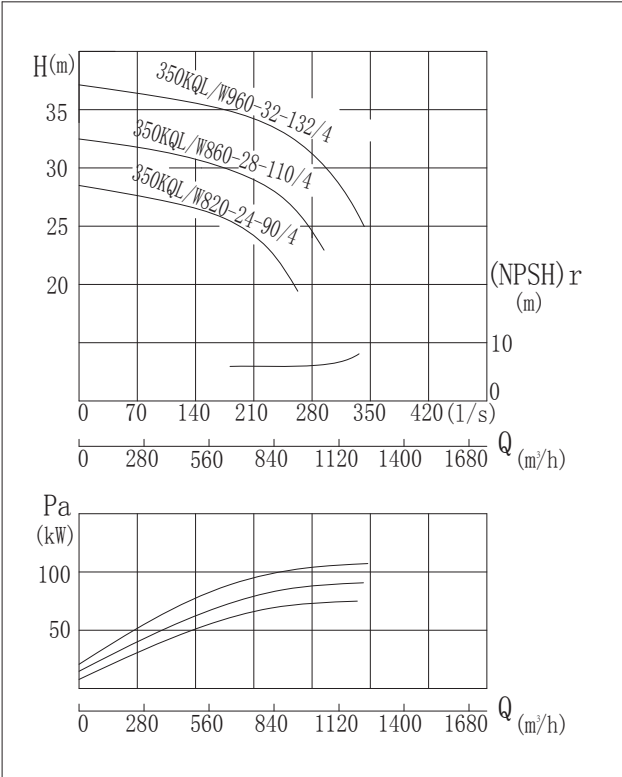
## 尺寸图DIMENSION FIGURE



## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE          | DN  | l <sub>0</sub> | m   | a   | c  | l <sub>1</sub> | b <sub>1</sub> | b <sub>2</sub> | x   |
|---------------------|-----|----------------|-----|-----|----|----------------|----------------|----------------|-----|
| mm                  |     |                |     |     |    |                |                |                |     |
| 300KQL560-32-75/4   | 300 | 1300           | 650 | 400 | 45 | 1045           | 385            | 835            | 230 |
| 300KQL600-38-90/4   | 300 | 1300           | 650 | 400 | 45 | 1095           | 385            | 835            | 230 |
| 300KQL660-44-110/4  | 300 | 1300           | 650 | 400 | 45 | 1350           | 450            | 980            | 230 |
| 300KQL720-50-132/4  | 300 | 1300           | 650 | 400 | 45 | 1380           | 450            | 980            | 230 |
| 300KQL620-60-160/4  | 300 | 1500           | 750 | 420 | 45 | 1389           | 450            | 980            | 230 |
| 300KQL670-70-200/4  | 300 | 1500           | 750 | 420 | 45 | 1389           | 450            | 980            | 230 |
| 300KQL720-80-250/4  | 300 | 1500           | 750 | 420 | 45 | 1599           | 450            | 1080           | 230 |
| 350KQL1000-24-110/4 | 350 | 1350           | 600 | 470 | 45 | 1350           | 450            | 980            | 250 |
| 350KQL1100-28-132/4 | 350 | 1350           | 600 | 470 | 45 | 1380           | 450            | 980            | 250 |
| 350KQL1200-32-160/4 | 350 | 1350           | 600 | 470 | 45 | 1380           | 450            | 980            | 250 |
| 350KQL820-24-90/4   | 350 | 1350           | 600 | 470 | 45 | 1095           | 360            | 770            | 250 |
| 350KQL860-28-110/4  | 350 | 1350           | 600 | 470 | 45 | 1350           | 450            | 980            | 250 |
| 350KQL960-32-132/4  | 350 | 1350           | 600 | 470 | 45 | 1380           | 450            | 980            | 250 |

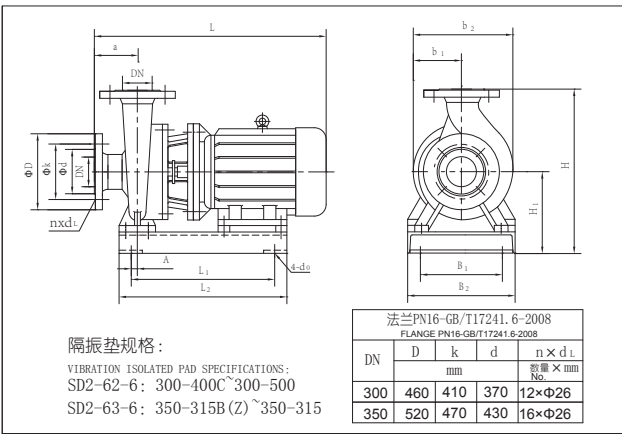
性能曲线CHARACTERISTIC CURVE



参数表PERFORMANCE DATA

| 型 号<br>TYPE           | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                       | (m³/h)         | (L/s) |                   |                        |                         |                           |                              |                      |
| 300KQL/W560-32-75/4   | 390            | 108.3 | 36                | 1480                   | 79                      | 75                        | 6.0                          | 980                  |
|                       | 560            | 155.6 | 32                |                        |                         |                           |                              |                      |
|                       | 670            | 186.1 | 28                |                        |                         |                           |                              |                      |
| 300KQL/W600-38-90/4   | 420            | 116.7 | 42                | 1480                   | 81                      | 90                        | 6.0                          | 1200                 |
|                       | 600            | 166.7 | 38                |                        |                         |                           |                              |                      |
|                       | 720            | 200   | 34                |                        |                         |                           |                              |                      |
| 300KQL/W660-44-110/4  | 460            | 127.8 | 49                | 1480                   | 83                      | 110                       | 6.0                          | 1550                 |
|                       | 660            | 183.3 | 44                |                        |                         |                           |                              |                      |
|                       | 790            | 219.4 | 37                |                        |                         |                           |                              |                      |
| 300KQL/W720-50-132/4  | 500            | 138.9 | 55                | 1480                   | 85.8                    | 132                       | 6.0                          | 1650                 |
|                       | 720            | 200   | 50                |                        |                         |                           |                              |                      |
|                       | 860            | 239   | 42                |                        |                         |                           |                              |                      |
| 300KQL/W620-60-160/4  | 430            | 119.4 | 64.5              | 1480                   | 79                      | 160                       | 6.5                          | 1720                 |
|                       | 620            | 172.2 | 60                |                        |                         |                           |                              |                      |
|                       | 740            | 205.6 | 54                |                        |                         |                           |                              |                      |
| 300KQL/W670-70-200/4  | 465            | 129.2 | 75                | 1480                   | 81                      | 200                       | 6.5                          | 1757                 |
|                       | 670            | 186.1 | 70                |                        |                         |                           |                              |                      |
|                       | 800            | 222.2 | 60.4              |                        |                         |                           |                              |                      |
| 300KQL/W720-80-250/4  | 500            | 138.9 | 86                | 1480                   | 83.8                    | 250                       | 6.5                          | 2342                 |
|                       | 720            | 200.0 | 80                |                        |                         |                           |                              |                      |
|                       | 860            | 239.0 | 69                |                        |                         |                           |                              |                      |
| 350KQL/W1000-24-110/4 | 750            | 208.3 | 27                | 1480                   | 81                      | 110                       | 9                            | 1335                 |
|                       | 1000           | 277.8 | 24                |                        |                         |                           |                              |                      |
|                       | 1200           | 333.3 | 20                |                        |                         |                           |                              |                      |
| 350KQL/W1100-28-132/4 | 820            | 227.8 | 31                | 1480                   | 83                      | 132                       | 9                            | 1490                 |
|                       | 1100           | 305.6 | 28                |                        |                         |                           |                              |                      |
|                       | 1300           | 361.1 | 23                |                        |                         |                           |                              |                      |
| 350KQL/W1200-32-160/4 | 900            | 250   | 36                | 1480                   | 86.3                    | 160                       | 9                            | 1870                 |
|                       | 1200           | 333.3 | 32                |                        |                         |                           |                              |                      |
|                       | 1400           | 400   | 27                |                        |                         |                           |                              |                      |
| 350KQL/W820-24-90/4   | 574            | 159   | 26.5              | 1480                   | 80                      | 90                        | 8                            | 1335                 |
|                       | 820            | 228   | 24                |                        |                         |                           |                              |                      |
|                       | 984            | 273   | 19.5              |                        |                         |                           |                              |                      |
| 350KQL/W860-28-110/4  | 602            | 167   | 31                | 1480                   | 82                      | 110                       | 8                            | 1365                 |
|                       | 860            | 239   | 28                |                        |                         |                           |                              |                      |
|                       | 1032           | 287   | 23                |                        |                         |                           |                              |                      |
| 350KQL/W960-32-132/4  | 672            | 187   | 35                | 1480                   | 85                      | 132                       | 8                            | 1452                 |
|                       | 960            | 267   | 32                |                        |                         |                           |                              |                      |
|                       | 1152           | 320   | 27.5              |                        |                         |                           |                              |                      |

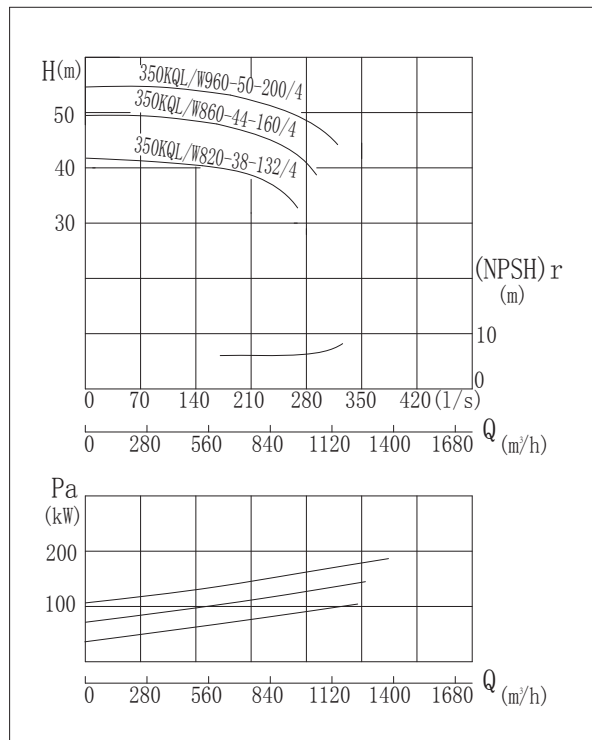
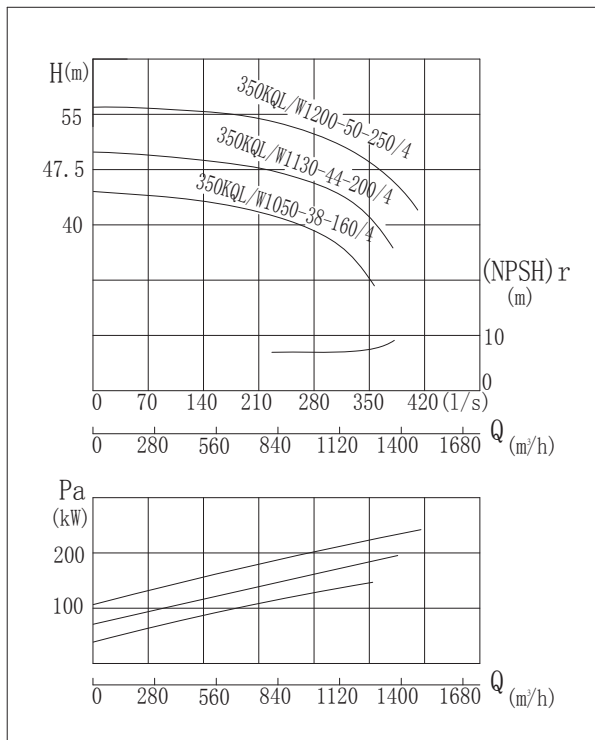
尺寸图DIMENSION FIGURE



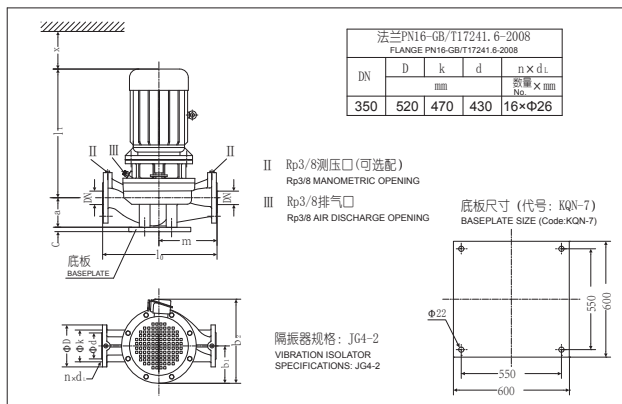
KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE         | 外形尺寸<br>Figure dimensions |      |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |    | DN  |
|---------------------|---------------------------|------|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|
|                     | L                         | H    | b <sub>2</sub> | b <sub>1</sub> | 4-φ <sub>1</sub>              | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |
| 300KQW560-32-75/4   | 1295                      | 1134 | 674            | 320            | 4-φ25                         | 250 | 750            | 550            | 975            | 640            | 484            | 30 | 300 |
| 300KQW600-38-90/4   | 1355                      | 1134 | 674            | 320            | 4-φ25                         | 250 | 800            | 550            | 1025           | 640            | 484            | 30 | 300 |
| 300KQW660-44-110/4  | 1600                      | 1134 | 674            | 320            | 4-φ25                         | 250 | 850            | 550            | 1090           | 640            | 484            | 30 | 300 |
| 300KQW720-50-132/4  | 1630                      | 1134 | 674            | 320            | 4-φ25                         | 250 | 950            | 550            | 1195           | 640            | 484            | 30 | 300 |
| 300KQW620-60-160/4  | 1630                      | 1400 | 835            | 390            | 4-φ25                         | 250 | 900            | 625            | 1185           | 720            | 600            | 30 | 300 |
| 300KQW670-70-200/4  | 1620                      | 1400 | 835            | 390            | 4-φ25                         | 250 | 900            | 625            | 1185           | 720            | 600            | 30 | 300 |
| 300KQW720-80-250/4  | 1840                      | 1382 | 846            | 400            | 4-φ25                         | 250 | 1020           | 650            | 1315           | 750            | 582            | 30 | 300 |
| 350KQW1000-24-110/4 | 1600                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 920            | 550            | 1090           | 640            | 520            | 50 | 350 |
| 350KQW1100-28-132/4 | 1630                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 1020           | 550            | 1200           | 640            | 520            | 50 | 350 |
| 350KQW1200-32-160/4 | 1630                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 1020           | 550            | 1200           | 640            | 520            | 50 | 350 |
| 350KQW820-24-90/4   | 1345                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 900            | 550            | 1055           | 640            | 520            | 50 | 350 |
| 350KQW860-28-110/4  | 1600                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 920            | 550            | 1090           | 640            | 520            | 50 | 350 |
| 350KQW960-32-132/4  | 1630                      | 1117 | 720            | 323            | 4-φ25                         | 250 | 1020           | 550            | 1200           | 640            | 520            | 50 | 350 |

## 性能曲线CHARACTERISTIC CURVE



## 尺寸图DIMENSION FIGURE



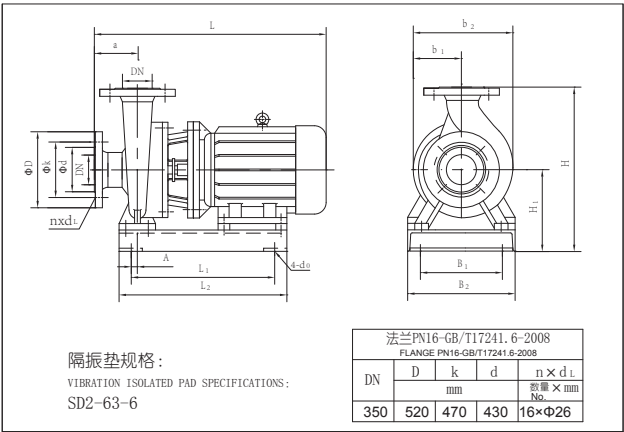
## KQL尺寸表DIMENSION TABLE

| 型号<br>TYPE         | DN  | $l_0$ | m   | a   | c  | $l_1$ | $b_1$ | $b_2$ | x   |
|--------------------|-----|-------|-----|-----|----|-------|-------|-------|-----|
| mm                 |     |       |     |     |    |       |       |       |     |
| 350-400B-160/4     | 350 | 1600  | 770 | 450 | 45 | 1410  | 450   | 980   | 250 |
| 350-400A-200/4     | 350 | 1600  | 770 | 450 | 45 | 1410  | 450   | 980   | 250 |
| 350-400-250/4      | 350 | 1600  | 770 | 450 | 45 | 1620  | 500   | 1160  | 250 |
| 350-400B-132/4 (Z) | 350 | 1600  | 770 | 450 | 45 | 1410  | 450   | 980   | 250 |
| 350-400A-160/4 (Z) | 350 | 1600  | 770 | 450 | 45 | 1410  | 450   | 980   | 250 |
| 350-400-200/4 (Z)  | 350 | 1600  | 770 | 450 | 45 | 1410  | 450   | 980   | 250 |

性能曲线CHARACTERISTIC CURVE

| 型 号<br>TYPE           | 流量<br>Capacity |       | 扬程<br>Head<br>(m) | 转速<br>Speed<br>(r/min) | 效率<br>Efficiency<br>(%) | 电机<br>功率<br>Power<br>(kW) | 必需汽蚀<br>余量<br>(NPSH)r<br>(m) | 重量<br>Weight<br>(kg) |
|-----------------------|----------------|-------|-------------------|------------------------|-------------------------|---------------------------|------------------------------|----------------------|
|                       | (m³/h)         | (l/s) |                   |                        |                         |                           |                              |                      |
| 350KQL/W1050-38-160/4 | 790            | 219.4 | 41                | 1480                   | 83                      | 160                       | 9                            | 2350                 |
|                       | 1050           | 291.7 | 38                |                        |                         |                           |                              |                      |
|                       | 1225           | 340.3 | 32.7              |                        |                         |                           |                              |                      |
| 350KQL/W1130-44-200/4 | 850            | 236.1 | 46.6              | 1480                   | 85                      | 200                       | 9                            | 2440                 |
|                       | 1130           | 313.9 | 44                |                        |                         |                           |                              |                      |
|                       | 1320           | 366.7 | 38                |                        |                         |                           |                              |                      |
| 350KQL/W1200-50-250/4 | 900            | 250   | 53                | 1480                   | 87.1                    | 250                       | 9                            | 2500                 |
|                       | 1200           | 333.3 | 50                |                        |                         |                           |                              |                      |
|                       | 1400           | 400   | 44                |                        |                         |                           |                              |                      |
| 350KQL/W820-38-132/4  | 574            | 159   | 41                | 1480                   | 82                      | 132                       | 8                            | 2200                 |
|                       | 820            | 228   | 38                |                        |                         |                           |                              |                      |
|                       | 984            | 273   | 32.7              |                        |                         |                           |                              |                      |
| 350KQL/W860-44-160/4  | 602            | 167   | 46.6              | 1480                   | 84                      | 160                       | 8                            | 2350                 |
|                       | 860            | 239   | 44                |                        |                         |                           |                              |                      |
|                       | 1032           | 287   | 38                |                        |                         |                           |                              |                      |
| 350KQL/W960-50-200/4  | 672            | 187   | 53                | 1480                   | 86.5                    | 200                       | 8                            | 2440                 |
|                       | 960            | 267   | 50                |                        |                         |                           |                              |                      |
|                       | 1152           | 320   | 44                |                        |                         |                           |                              |                      |

尺寸图DIMENSION FIGURE



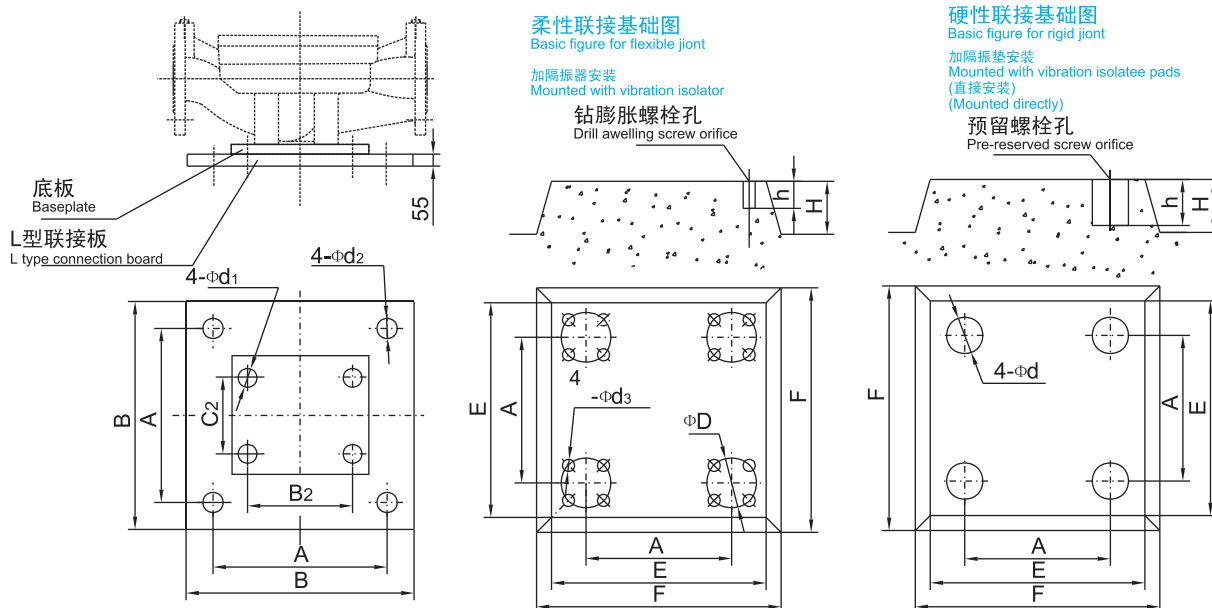
注：(Z) 为窄叶轮型泵

KQW尺寸表DIMENSION TABLE

| 型 号<br>TYPE         | 外形尺寸<br>Figure dimensions |      |                |                | 安装尺寸<br>Installing dimensions |     |                |                |                |                |                |    | DN  |
|---------------------|---------------------------|------|----------------|----------------|-------------------------------|-----|----------------|----------------|----------------|----------------|----------------|----|-----|
|                     | L                         | H    | b <sub>2</sub> | b <sub>1</sub> | 4-φd <sub>0</sub>             | a   | L <sub>1</sub> | B <sub>1</sub> | L <sub>2</sub> | B <sub>2</sub> | H <sub>1</sub> | A  |     |
| 350KQW1050-38-160/4 | 1680                      | 1267 | 785            | 360            | 4-φ25                         | 270 | 1035           | 625            | 1235           | 720            | 567            | 50 | 350 |
| 350KQW1130-44-200/4 | 1680                      | 1267 | 785            | 360            | 4-φ25                         | 270 | 1035           | 625            | 1235           | 720            | 567            | 50 | 350 |
| 350KQW1200-50-250/4 | 1890                      | 1251 | 825            | 400            | 4-φ25                         | 270 | 1150           | 650            | 1355           | 750            | 551            | 50 | 350 |
| 350KQW820-38-132/4  | 1680                      | 1267 | 785            | 360            | 4-φ25                         | 270 | 1035           | 625            | 1235           | 720            | 567            | 50 | 350 |
| 350KQW860-44-160/4  | 1680                      | 1267 | 785            | 360            | 4-φ25                         | 270 | 1035           | 625            | 1235           | 720            | 567            | 50 | 350 |
| 350KQW960-50-200/4  | 1680                      | 1267 | 785            | 360            | 4-φ25                         | 270 | 1035           | 625            | 1235           | 720            | 567            | 50 | 350 |

## 附件及安装基础尺寸图表

## ACCESSORIES AND INSTALLING BASIC DIMENSIONS CHART



### 一、底板与基础直接联接（不带L型联接板）

#### I. Baseplate connected with base directly (without L type of connection board)

| 底板代号<br>Baseplate code<br>(尺寸详见各尺寸图)<br>(Dimensions appear in each figure) | Φd1 | 柔性联接基础尺寸图<br>Basic figure for flexible joint dimensions |      |      |     |                                                             |      |    | 硬性联接基础尺寸图<br>Basic figure for rigid joint dimensions |      |      |     |    |     |          | 地脚螺栓 |
|----------------------------------------------------------------------------|-----|---------------------------------------------------------|------|------|-----|-------------------------------------------------------------|------|----|------------------------------------------------------|------|------|-----|----|-----|----------|------|
|                                                                            |     | H                                                       | E    | F    | A   | ΦD                                                          | Φd3  | h  | H                                                    | E    | F    | A   | d  | h   |          |      |
| KQN-1                                                                      | 14  | 200                                                     | 360  | 400  | 160 | 同<br>隔<br>振<br>器<br>D1<br>Just<br>the<br>same<br>with<br>D1 | 10.5 | 40 | 200                                                  | 360  | 400  | 160 | 60 | 200 | GB799-88 |      |
| KQN-2                                                                      | 14  | 200                                                     | 400  | 450  | 210 |                                                             | 10.5 | 40 | 200                                                  | 400  | 450  | 210 | 60 | 200 | M12×220  |      |
| KQN-3                                                                      | 18  | 200                                                     | 500  | 550  | 290 |                                                             | 14.5 | 60 | 300                                                  | 500  | 550  | 290 | 80 | 300 | M16×300  |      |
| KQN-4                                                                      | 18  | 250                                                     | 600  | 650  | 360 |                                                             | 14.5 | 60 | 300                                                  | 600  | 650  | 360 | 80 | 300 | M20×300  |      |
| KQN-5                                                                      | 22  | 250                                                     | 650  | 700  | 400 |                                                             | 14.5 | 60 | 300                                                  | 650  | 700  | 400 | 80 | 300 |          |      |
| KQN-6                                                                      | 22  | 300                                                     | 800  | 900  | 450 |                                                             | 14.5 | 60 | 300                                                  | 800  | 900  | 450 | 80 | 300 |          |      |
| KQN-7                                                                      | 22  | 300                                                     | 1000 | 1100 | 550 |                                                             | 14.5 | 60 | 300                                                  | 1000 | 1100 | 550 | 80 | 300 |          |      |

### 二、配L型联接板安装

#### II. Mounted with L type of connection board

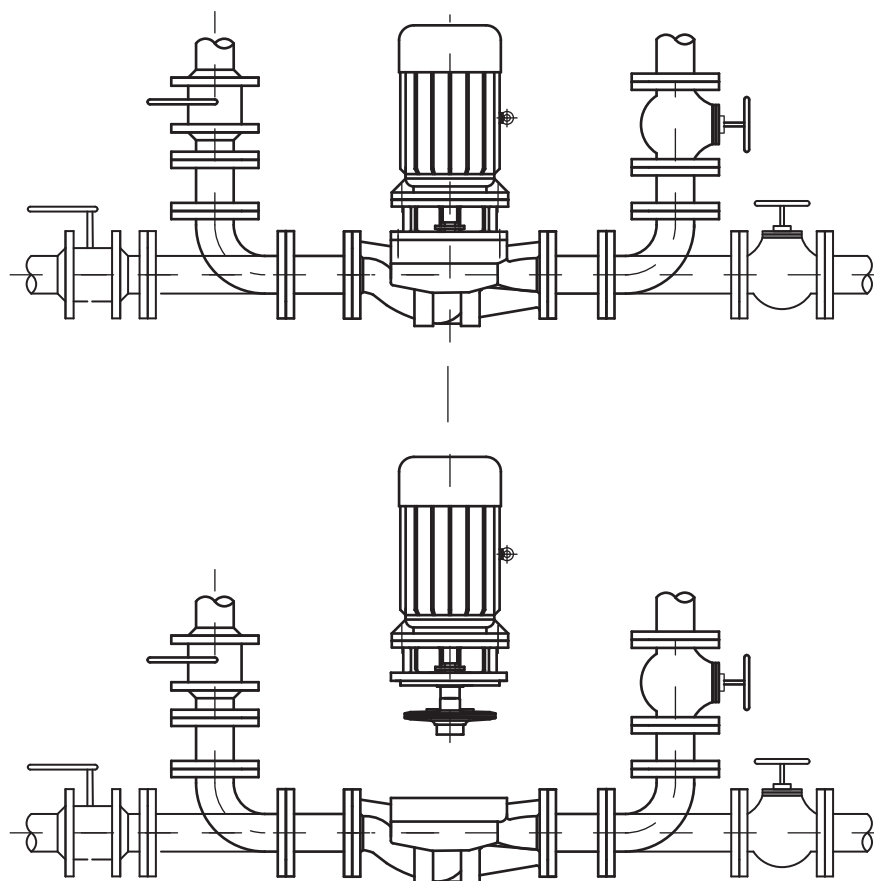
| L型联接板尺寸<br>Dimensions of L type of connection board |         |     |     |     |     | 柔性联接基础尺寸图<br>Basic figure for flexible joint dimensions |      |      |     |                                                             |                                                                                     |                                                                                     | 硬性联接基础尺寸图<br>Basic figure for rigid joint dimensions |      |      |     |    |     |          | 地脚螺栓 |
|-----------------------------------------------------|---------|-----|-----|-----|-----|---------------------------------------------------------|------|------|-----|-------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|------|------|-----|----|-----|----------|------|
| 型号<br>Type                                          | C2xB2   | A   | B   | Φd1 | Φd2 | H                                                       | E    | F    | A   | ΦD                                                          | Φd3                                                                                 | h                                                                                   | H                                                    | E    | F    | A   | Φd | h   | GB799-88 |      |
| L-0                                                 | 60x100  | 240 | 300 | 14  | 14  | 200                                                     | 450  | 500  | 240 | 同<br>隔<br>振<br>器<br>D1<br>Just<br>the<br>same<br>with<br>D1 |  |  | 200                                                  | 450  | 500  | 240 | 60 | 200 | M12×220  |      |
| L-1                                                 | 160x160 | 240 | 300 | 14  | 14  | 200                                                     | 450  | 500  | 240 |                                                             | 10.5                                                                                | 40                                                                                  | 200                                                  | 450  | 500  | 240 | 60 | 200 |          |      |
| L-2                                                 | 210x210 | 340 | 400 | 14  | 14  | 200                                                     | 650  | 700  | 340 |                                                             | 10.5                                                                                | 40                                                                                  | 200                                                  | 650  | 700  | 340 | 80 | 200 |          |      |
| L-3                                                 | 290x290 | 440 | 500 | 18  | 18  | 300                                                     | 750  | 800  | 440 |                                                             | 10.5                                                                                | 40                                                                                  | 300                                                  | 750  | 800  | 440 | 80 | 300 | M16×300  |      |
| L-4                                                 | 360x360 | 540 | 600 | 18  | 18  | 300                                                     | 850  | 900  | 540 |                                                             | 14.5                                                                                | 60                                                                                  | 300                                                  | 850  | 900  | 540 | 80 | 300 |          |      |
| L-5                                                 | 400x400 | 640 | 700 | 22  | 22  | 300                                                     | 950  | 1000 | 640 |                                                             | 14.5                                                                                | 60                                                                                  | 300                                                  | 950  | 1000 | 640 | 80 | 300 | M20×300  |      |
| L-6                                                 | 450x450 | 740 | 800 | 22  | 22  | 350                                                     | 1100 | 1200 | 740 |                                                             | 14.5                                                                                | 60                                                                                  | 350                                                  | 1000 | 1100 | 740 | 80 | 300 |          |      |
| L-7                                                 | 550x550 | 840 | 900 | 22  | 22  | 350                                                     | 1200 | 1300 | 840 |                                                             | 14.5                                                                                | 60                                                                                  | 350                                                  | 1200 | 1300 | 840 | 80 | 300 |          |      |

| JG 型隔振器安装尺寸 Installation dimensions for vibration isolator |   |  |  |  |  | SD1 型隔振垫 0.5 基本块安装尺寸<br>Dimensions of 0.5 SD1 basic vibration isolated pad |    |     |     |     |      |
|------------------------------------------------------------|---|--|--|--|--|----------------------------------------------------------------------------|----|-----|-----|-----|------|
| 铁件 1 Ironwork                                              | M |  |  |  |  | 型号<br>Type                                                                 | M  | D   | D1  | H   | d0   |
| 橡胶体 Rubber                                                 |   |  |  |  |  | JG2-2                                                                      | 12 | 150 | 130 | 65  | 8.5  |
| 铁件 2 Ironwork                                              |   |  |  |  |  | JG3-1                                                                      | 16 | 200 | 170 | 87  | 12.5 |
|                                                            |   |  |  |  |  | JG3-2                                                                      | 16 | 200 | 170 | 87  | 12.5 |
|                                                            |   |  |  |  |  | JG4-1                                                                      | 20 | 290 | 260 | 133 | 12.5 |
|                                                            |   |  |  |  |  | JG4-2                                                                      | 20 | 290 | 260 | 133 | 12.5 |

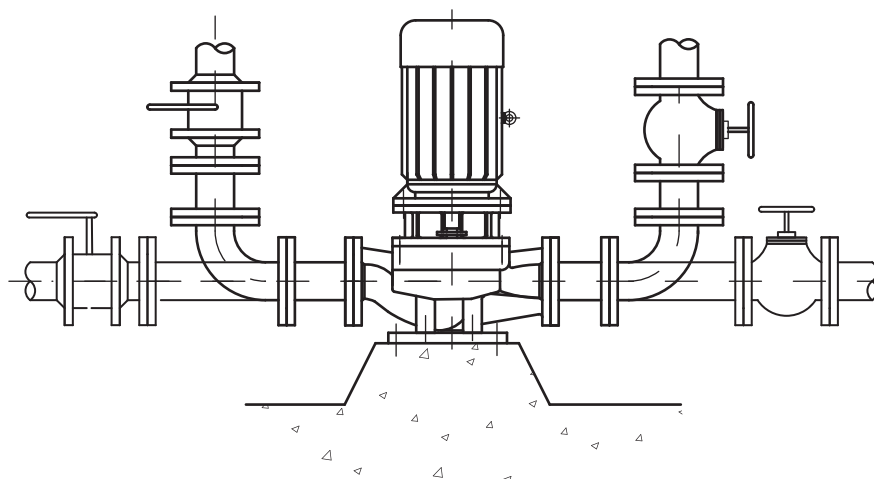
注：1. 本公司产品经精心加工装配，振动小。故建议一般不采用安装隔振器、隔振垫。各尺寸图中所注隔振器（垫）规格为推荐规格。  
2. 一般情况下，推荐采用底板与基础直接联接方式。  
Note: 1. Kaiquan product features less vibration due to elaborate machinery and assembly. It is recommended not to employ vibration isolator or isolated pads. The specifications of each dimension figure are recommended.  
2. In general, it is recommended to baseplate connected with base directly.

## KQL 允许的安装方式 INSTALLATION MODE

1. 直接安装 (7.5KW以下)  
Direct installation



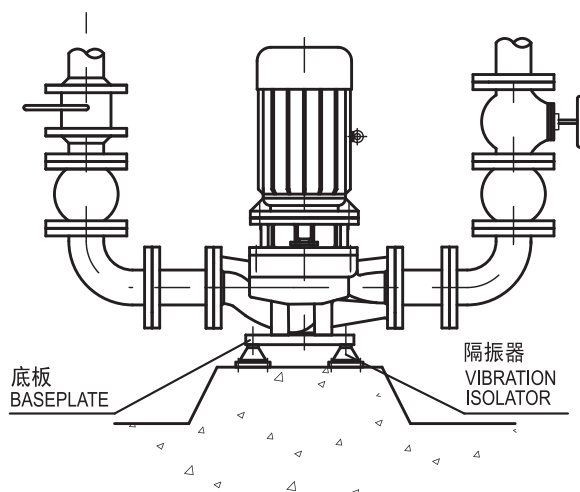
2. 地基支撑硬性联接  
Rigid joint with base support



## 3. 地基支撑柔性联接 Flexible joint with base support

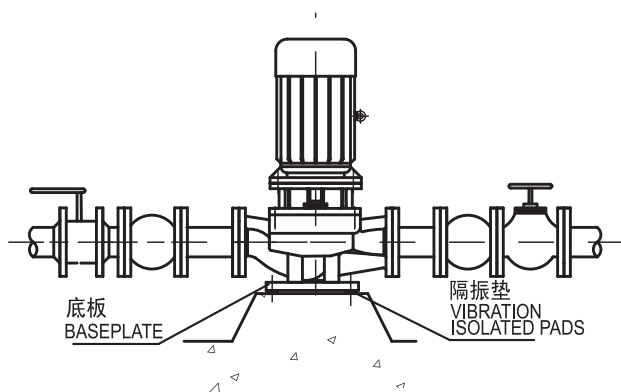
### 3.1 配底板加隔振器

Installed with baseplate and vibration isolator

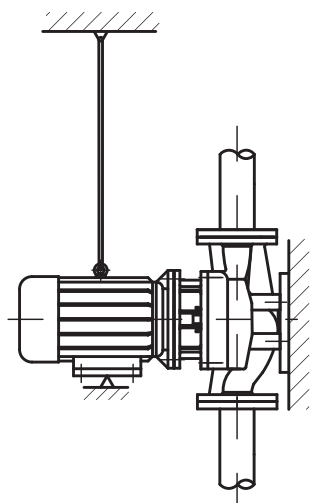


### 3.2 配底板加隔振垫

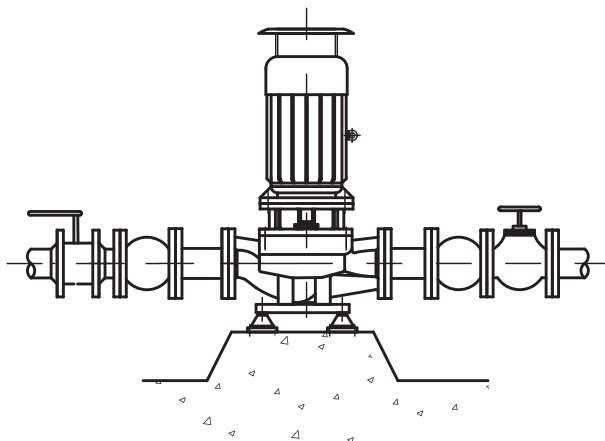
Installed with baseplate and vibration isolated pads



## 4. 悬臂卧式安装 (7.5KW以下) Cantilever horizontal



## 5. 户外使用：采用户外电机 For outdoor usage: Adopt outdoor type motor



与原型号对照表

| 序号 | 型 号                    | 原 型 号             | 序号 | 型 号                    | 原 型 号            |
|----|------------------------|-------------------|----|------------------------|------------------|
| 1  | 50KQL/W10-11-0.75/2    | 50/90-0.75/2      | 49 | 100KQL/W100-12.5-5.5/2 | 100/100-5.5/2    |
| 2  | 50KQL/W12.5-12.5-1.1/2 | 50/100-1.1/2      | 50 | 100KQL/W85-16-5.5/2    | 100/110S-5.5/2   |
| 3  | 50KQL/W11-16-1.1/2     | 50/110-1.1/2      | 51 | 100KQL/W95-20-7.5/2    | 100/125S-7.5/2   |
| 4  | 50KQL/W12.5-20-1.5/2   | 50/125-1.5/2      | 52 | 100KQL/W80-24-7.5/2    | 100/140S-7.5/2   |
| 5  | 50KQL/W10-27-1.5/2     | 50/150S-1.5/2     | 53 | 100KQL/W94-28-11/2     | 100/150-11/2     |
| 6  | 50KQL/W12.5-32-2.2/2   | 50/160S-2.2/2     | 54 | 100KQL/W100-32-15/2    | 100/160-15/2     |
| 7  | 50KQL/W10-36-3/2       | 50/170S-3/2       | 55 | 100KQL/W115-34-15/2    | 100/165-15/2     |
| 8  | 50KQL/W12-44-4/2       | 50/185S-4/2       | 56 | 100KQL/W94-44-18.5/2   | 100/185S-18.5/2  |
| 9  | 50KQL/W12.5-50-5.5/2   | 50/200S-5.5/2     | 57 | 100KQL/W100-50-22/2    | 100/200S-22/2    |
| 10 | 65KQL/W22-10-1.1/2     | 65/90-1.1/2       | 58 | 100KQL/W87-60-30/2     | 100/220-30/2     |
| 11 | 65KQL/W25-12.5-1.5/2   | 65/100-1.5/2      | 59 | 100KQL/W94-70-30/2     | 100/235-30/2     |
| 12 | 65KQL/W22-16-2.2/2     | 65/110-2.2/2      | 60 | 100KQL/W100-80-37/2    | 100/250-37/2     |
| 13 | 65KQL/W25-20-2.2/2     | 65/125S-2.2/2     | 61 | 100KQL/W82-85-37/2     | 100/270-37/2     |
| 14 | 65KQL/W20-24-2.2/2     | 65/140S-2.2/2     | 62 | 100KQL/W90-101-45/2    | 100/285-45/2     |
| 15 | 65KQL/W23-28-3/2       | 65/150S-3/2       | 63 | 100KQL/W95-113-55/2    | 100/300-55/2     |
| 16 | 65KQL/W25-32-4/2       | 65/160-4/2        | 64 | 100KQL/W100-125-75/2   | 100/315-75/2     |
| 17 | 65KQL/W22-38-5.5/2     | 65/170S-5.5/2     | 65 | 100KQL/W50-8-2.2/4     | 100/160-2.2/4    |
| 18 | 65KQL/W23-44-5.5/2     | 65/185S-5.5/2     | 66 | 100KQL/W45-10-2.2/4    | 100/185-2.2/4    |
| 19 | 65KQL/W25-50-7.5/2     | 65/200S-7.5/2     | 67 | 100KQL/W50-12.5-3/4    | 100/200-3/4      |
| 20 | 80KQL/W45-10-2.2/2     | 80/90-2.2/2       | 68 | 100KQL/W47-17-4/4      | 100/235-4/4      |
| 21 | 80KQL/W50-12.5-3/2     | 80/100-3/2        | 69 | 100KQL/W50-20-5.5/4    | 100/250-5.5/4    |
| 22 | 80KQL/W45-16-3/2       | 80/110S-3/2       | 70 | 100KQL/W47-28-7.5/4    | 100/300-7.5/4    |
| 23 | 80KQL/W50-20-4/2       | 80/125S-4/2       | 71 | 100KQL/W50-32-11/4     | 100/315-11/4     |
| 24 | 80KQL/W40-24-4/2       | 80/140S-4/2       | 72 | 125KQL/W143-10-7.5/2   | 125/90-7.5/2     |
| 25 | 80KQL/W47-28-5.5/2     | 80/150S-5.5/2     | 73 | 125KQL/W160-12.5-11/2  | 125/100-11/2     |
| 26 | 80KQL/W50-32-7.5/2     | 80/160-7.5/2      | 74 | 125KQL/W143-16-11/2    | 125/110-11/2     |
| 27 | 80KQL/W35-34-5.5/2     | 80/165-5.5/2      | 75 | 125KQL/W160-20-15/2    | 125/125-15/2     |
| 28 | 80KQL/W44-38-7.5/2     | 80/170S-7.5/2     | 76 | 125KQL/W138-24-15/2    | 125/140-15/2     |
| 29 | 80KQL/W47-44-11/2      | 80/185S-11/2      | 77 | 125KQL/W150-28-18.5/2  | 125/150-18.5/2   |
| 30 | 80KQL/W50-50-15/2      | 80/200S-15/2      | 78 | 125KQL/W160-32-22/2    | 125/160-22/2     |
| 31 | 80KQL/W43-60-15/2      | 80/220-15/2       | 79 | 125KQL/W138-38-22/2    | 125/170-22/2     |
| 32 | 80KQL/W47-70-18.5/2    | 80/235-18.5/2     | 80 | 125KQL/W150-44-30/2    | 125/185-30/2     |
| 33 | 80KQL/W50-80-22/2      | 80/250-22/2       | 81 | 125KQL/W160-50-37/2    | 125/200-37/2     |
| 34 | 80KQL/W40-85-22/2      | 80/270-22/2       | 82 | 125KQL/W138-60-37/2    | 125/220-37/2     |
| 35 | 80KQL/W43-101-30/2     | 80/285-30/2       | 83 | 125KQL/W150-70-45/2    | 125/235-45/2     |
| 36 | 80KQL/W47-113-30/2     | 80/300-30/2       | 84 | 125KQL/W160-80-55/2    | 125/250-55/2     |
| 37 | 80KQL/W50-125-37/2     | 80/315-37/2       | 85 | 125KQL/W134-88-55/2    | 125/270-55/2     |
| 38 | 80KQL/W25-20-3/4       | 80/250-3/4        | 86 | 125KQL/W143-100-75/2   | 125/285-75/2     |
| 39 | 80KQL/W23-28-4/4       | 80/300-4/4        | 87 | 125KQL/W150-110-75/2   | 125/300-75/2     |
| 40 | 80KQL/W25-32-5.5/4     | 80/315-5.5/4      | 88 | 125KQL/W160-125-90/2   | 125/315-90/2     |
| 41 | 100KQL/W60-16-4/2      | 100/110-4/2(Z)    | 89 | 125KQL/W100-5-2.2/4    | 125/125-2.2/4    |
| 42 | 100KQL/W70-20-5.5/2    | 100/125-5.5/2(Z)  | 90 | 125KQL/W87-6-3/4       | 125/150-3/4      |
| 43 | 100KQL/W70-26-7.5/2    | 100/150-7.5/2(Z)  | 91 | 125KQL/W100-8-4/4      | 125/160-4/4      |
| 44 | 100KQL/W75-32-11/2     | 100/160-11/2(Z)   | 92 | 125KQL/W100-12.5-5.5/4 | 125/200-5.5/4    |
| 45 | 100KQL/W68-38-11/2     | 100/170-11/2(Z)   | 93 | 125KQL/W87-15-5.5/4    | 125/220-5.5/4    |
| 46 | 100KQL/W72-44-15/2     | 100/185-15/2(Z)   | 94 | 125KQL/W93-17-7.5/4    | 125/235-7.5/4    |
| 47 | 100KQL/W75-50-18.5/2   | 100/200-18.5/2(Z) | 95 | 125KQL/W120-16-7.5/4   | 125/235(I)-7.5/4 |
| 48 | 100KQL/W89-10-4/2      | 100/90-4/2        | 96 | 125KQL/W100-20-11/4    | 125/250-11/4     |

与原型号对照表

| 序号  | 型 号                     | 原 型 号             | 序号  | 型 号                   | 原 型 号                |
|-----|-------------------------|-------------------|-----|-----------------------|----------------------|
| 97  | 125KQL/W79-20-7.5/4     | 125/285-7.5/4     | 145 | 200KQL/W340-24-30/4   | 200/285S-30/4        |
| 98  | 125KQL/W91-27-11/4      | 125/300-11/4      | 146 | 200KQL/W360-28-37/4   | 200/300S-37/4        |
| 99  | 125KQL/W100-32-15/4     | 125/315-15/4      | 147 | 200KQL/W390-32-45/4   | 200/315S-45/4        |
| 100 | 125KQL/W87-38-18.5/4    | 125/345-18.5/4    | 148 | 200KQL/W340-36-45/4   | 200/345S-45/4        |
| 101 | 125KQL/W94-44-22/4      | 125/370-22/4      | 149 | 200KQL/W370-40-55/4   | 200/350-55/4         |
| 102 | 125KQL/W100-50-30/4     | 125/400-30/4      | 150 | 200KQL/W374-44-75/4   | 200/370-75/4         |
| 103 | 150KQL/W140-20-11/4     | 150/250-11/4(Z)   | 151 | 200KQL/W400-50-75/4   | 200/400-75/4         |
| 104 | 150KQL/W160-24-15/4     | 150/285-15/4(Z)   | 152 | 200KQL/W346-60-90/4   | 200/410-90/4         |
| 105 | 150KQL/W150-28-18.5/4   | 150/300-18.5/4(Z) | 153 | 200KQL/W374-70-110/4  | 200/435-110/4        |
| 106 | 150KQL/W160-32-22/4     | 150/315-22/4(Z)   | 154 | 200KQL/W400-80-132/4  | 200/460-132/4        |
| 107 | 150KQL/W138-38-22/4     | 150/345-22/4(Z)   | 155 | 250KQL/W490-17-30/4   | 250/235S-30/4        |
| 108 | 150KQL/W150-44-30/4     | 150/370-30/4(Z)   | 156 | 250KQL/W520-20-37/4   | 250/250S-37/4        |
| 109 | 150KQL/W160-50-37/4     | 150/400-37/4(Z)   | 157 | 250KQL/W500-25-45/4   | 250/290-45/4         |
| 110 | 150KQL/W179-10-11/4     | 150/185-11/4      | 158 | 250KQL/W500-28-55/4   | 250/300-55/4         |
| 111 | 150KQL/W200-12.5-11/4   | 150/200S-11/4     | 159 | 250KQL/W550-32-75/4   | 250/315-75/4         |
| 112 | 150KQL/W180-16-11/4     | 150/235S-11/4     | 160 | 250KQL/W500-41-75/4   | 250/350-75/4         |
| 113 | 150KQL/W200-20-15/4     | 150/250S-15/4     | 161 | 250KQL/W500-44-90/4   | 250/370-90/4         |
| 114 | 150KQL/W173-24-18.5/4   | 150/285-18.5/4    | 162 | 250KQL/W500-50-90/4   | 250/400S-90/4        |
| 115 | 150KQL/W200-28-22/4     | 150/290-22/4      | 163 | 250KQL/W480-60-132/4  | 250/410-132/4        |
| 116 | 150KQL/W200-32-30/4     | 150/315-30/4      | 164 | 250KQL/W515-70-160/4  | 250/435-160/4        |
| 117 | 150KQL/W240-32-30/4     | 150/315(I)-30/4   | 165 | 250KQL/W550-80-200/4  | 250/460-200/4        |
| 118 | 150KQL/W200-38-30/4     | 150/350-30/4      | 166 | 300KQL/W660-18-45/4   | 300-200A-45/4        |
| 119 | 150KQL/W187-44-37/4     | 150/370-37/4      | 167 | 300KQL/W720-20-55/4   | 300-200-55/4         |
| 120 | 150KQL/W200-50-45/4     | 150/400-45/4      | 168 | 300KQL/W600-24-55/4   | 300-315B-55/4        |
| 121 | 150KQL/W173-60-55/4     | 150/410-55/4      | 169 | 300KQL/W660-28-75/4   | 300-315A-75/4        |
| 122 | 150KQW180-70-55/2       | KQW150/235-55/2   | 170 | 300KQL/W720-32-90/4   | 300-315-90/4         |
| 123 | 150KQL/W187-70-75/4     | 150/435-75/4      | 171 | 300KQL/W560-32-75/4   | 300-400C-75/4(N)     |
| 124 | 150KQW200-80-75/2       | KQW150/250-75/2   | 172 | 300KQL/W600-38-90/4   | 300-400B-90/4(N)     |
| 125 | 150KQL/W200-80-75/4     | 150/460-75/4      | 173 | 300KQL/W660-44-110/4  | 300-400A-110/4(N)    |
| 126 | 200KQL/W280-10-11/4     | 200/185S-11/4(Z)  | 174 | 300KQL/W720-50-132/4  | 300-400-132/4(N)     |
| 127 | 200KQL/W300-12.5-15/4   | 200/200S-15/4(Z)  | 175 | 300KQL/W620-60-160/4  | 300-500B-160/4       |
| 128 | 200KQL/W280-16-18.5/4   | 200/235-18.5/4(Z) | 176 | 300KQL/W670-70-200/4  | 300-500A-200/4       |
| 129 | 200KQL/W300-20-22/4     | 200/250S-22/4(Z)  | 177 | 300KQL/W720-80-250/4  | 300-500-250/4        |
| 130 | 200KQL/W245-24-22/4     | 200/285S-22/4(Z)  | 178 | 350KQL/W1000-24-110/4 | 350-315B-110/4       |
| 131 | 200KQL/W280-28-30/4     | 200/300S-30/4(Z)  | 179 | 350KQL/W1100-28-132/4 | 350-315A-132/4       |
| 132 | 200KQL/W300-32-37/4     | 200/315S-37/4(Z)  | 180 | 350KQL/W1200-32-160/4 | 350-315-160/4        |
| 133 | 200KQL/W260-38-45/4     | 200/345-45/4(Z)   | 181 | 350KQL/W820-24-90/4   | 350-315B-90/4(Z)     |
| 134 | 200KQL/W270-44-45/4     | 200/370S-45/4(Z)  | 182 | 350KQL/W860-28-110/4  | 350-315A-110/4(Z)    |
| 135 | 200KQL/W300-48-55/4     | 200/400S-55/4(Z)  | 183 | 350KQL/W960-32-132/4  | 350-315-132/4(Z)     |
| 136 | 200KQL/W262-60-75/4     | 200/410-75/4(Z)   | 184 | 350KQL/W1050-38-160/4 | 350-400B-160/4(N)    |
| 137 | 200KQW262-70-75/2       | KQW200/235-75/2   | 185 | 350KQL/W1130-44-200/4 | 350-400A-200/4(N)    |
| 138 | 200KQL/W280-70-90/4     | 200/435-90/4(Z)   | 186 | 350KQL/W1200-50-250/4 | 350-400-250/4(N)     |
| 139 | 200KQW290-80-90/2       | KQW200/250-90/2   | 187 | 350KQL/W820-38-132/4  | 350-400B-132/4(Z)(N) |
| 140 | 200KQL/W300-80-110/4    | 200/460-110/4(Z)  | 188 | 350KQL/W860-44-160/4  | 350-400A-160/4(Z)(N) |
| 141 | 200KQL/W358-10-15/4     | 200/185S-15/4     | 189 | 350KQL/W960-50-200/4  | 350-400-200/4(Z)(N)  |
| 142 | 200KQL/W400-12.5-18.5/4 | 200/200S-18.5/4   |     |                       |                      |
| 143 | 200KQL/W358-16-22/4     | 200/235-22/4      |     |                       |                      |
| 144 | 200KQL/W400-20-30/4     | 200/250-30/4      |     |                       |                      |