

SUBMERSIBLE SEWAGE PUMP

EUT
SERIES 50HZ



Features

- High abrasive resistance resin vortex impeller
 - Double mechanical seal
 - Auto reset thermal protector
 - Non air locking
 - Auto version for small pit usage
- Applications
- Residential, commercial, industrial dewatering and site drainage
 - Decorative waterfalls and fountains
 - Raw water supply from lakes or rivers
 - Sediment removal from small sumps or basins

Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)	QDC
	HP	kW		1ø 230V	3ø 400V	Head M	Cap. LPM	Head M	Cap. LPM			
EUT-5.05S	0.5	0.37	2"	3A	-	6.5	135	9	280	35	14	QS-50
EUT-5.05T	0.5	0.37	2"	-	0.9A	6.5	105	9	270	35	14	
EUT-5.10S	1	0.75	2"	5.5A	-	8.5	225	14	400	35	17	
EUT-5.10T	1	0.75	2"	-	1.9A	8.5	200	14	380	35	17	

Specifications

Motor Part	Liquid Temperature		0~40°C (32~104°F)	
	Submersible depth		10M	
	Frequency		50Hz	
	Pole		2 Pole	
	Type		Dry Type	
	Insulation		Class B	
Pump Part	Protection		IP 68	
	Protector		Auto-cut	
	Bearing		Ball Type	
	Mechanical seal		Double Mechanical Seal	
	Impeller		Semi-Open	



KLIXON
1PH Protector
(Thermal)



KLIXON
1PH Protector
(optional)
(overheat & overload)



KLIXON
3PH Protector
(overheat, overload,
phase failure)

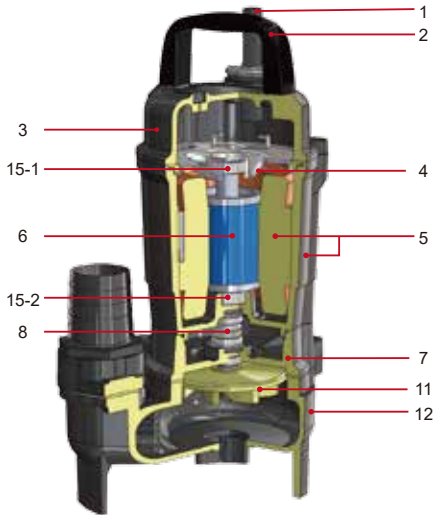


DU PONT Hytrel®
Steel coated with
thermoplastic
polyester elastomer

KLIXON

KLIXON protector provides protection against overheating from all running and stalled rotor conditions including:

- Plugging duty
- Stalling or failure to start
- Heavy overloads
- High ambient
- Ventilation failures

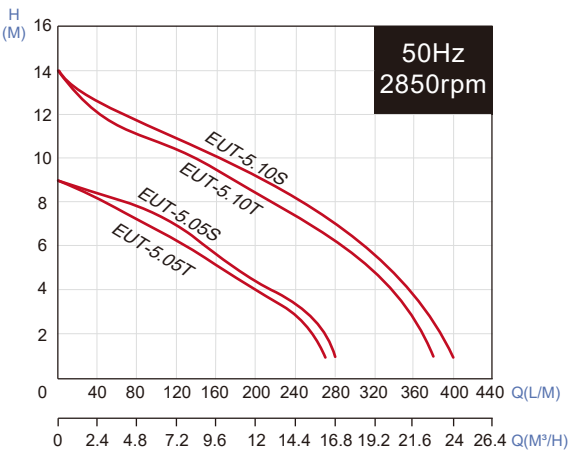


Parts and Material List

No.	Part	Material
1	Cable	H07RN-F/SJTOW/STOW
2	Handle	Nylon 6
3	Motor Cover	EN-GJL-200
4	Bracket	Steel
5	Motor Housing + Stator	EN-GJL-200
6	Shaft with Rotor	AISI 410
7	Oil Chamber	EN-GJL-200
8	Mechanical Seal	Upper : CA / CE Lower : SIC / SIC
11	Impeller	Hytrel
12	Pump Casing	EN-GJL-200
15-1	Upper Bearing	NTN/TPI
15-2	Lower Bearing	NTN/TPI

TPI is a family brand of NTN group.

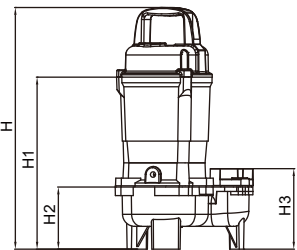
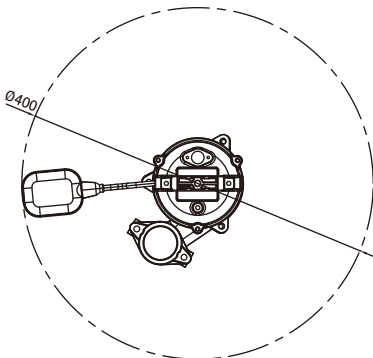
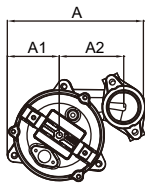
Performance Curve



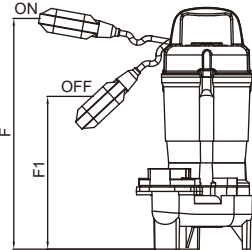
All technical information is subject to change without notice.

Dimensions (mm)

Type	A	A1	A2	H	H1	H2	F	F1
EUT-5.05	242	80	116	395	218	102	-	-
EUT-5.05A	242	80	116	-	-	-	418	218
EUT-5.10	242	80	116	440	263	102	-	-
EUT-5.10A	242	80	116	-	-	-	463	263



EUT-5.05~5.10



EUT-5.05A~5.10A