

SUBMERSIBLE MIXER
EM
SERIES 50HZ



Features

- The angular contact ball bearing resists to axial force
- Compact design
- More efficient bulk flow

Applications

- Biological treatment tanks
- Lime slurry storage tanks
- Heat exchanger
- Ponds and rivers water circulations
- Equalization tanks

Data Chart

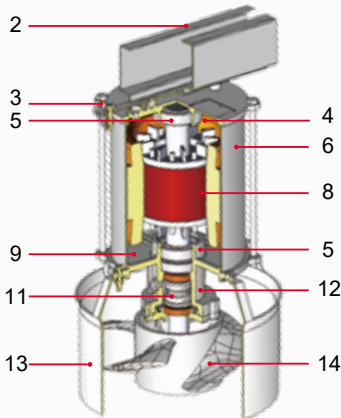
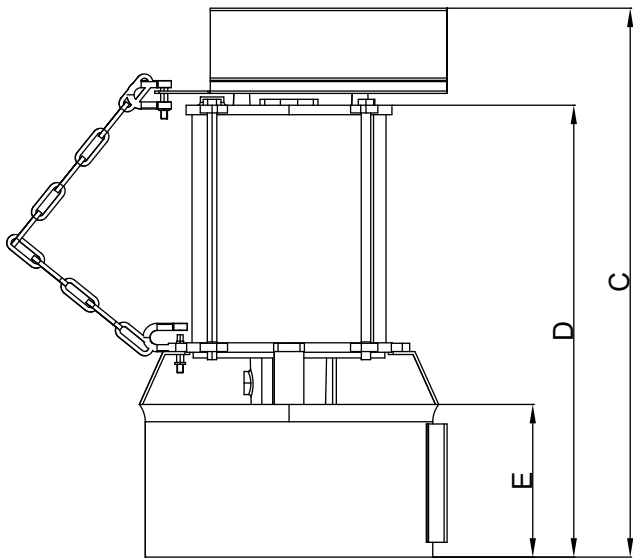
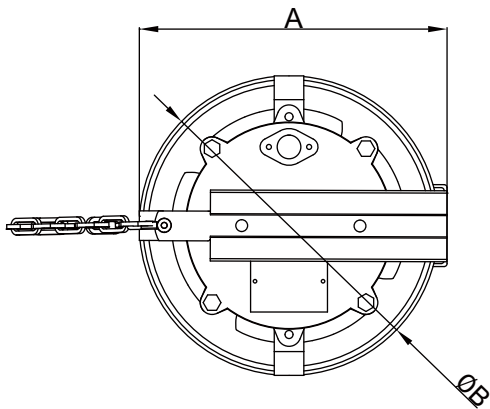
Type	Output		F.L.A.		Maximum Cap. M ³ /Min	Cable M	Weight(W/O Cable)		Speed R.P.M	Impeller Diameter mm
	HP	kW	1ø 230V	3ø 400V			1ø-kg	3ø-kg		
EM-5.10	1	0.75	-	3.5A	3.2	6	-	23.4	950	200
EM-5.20	2	1.5	-	3.5A	4.5	6	-	23.4	950	200
EM-5.30	3	2.2	-	4A	6.8	6	-	30	950	255

Specifications

Liquid Temperature		0~40°C (32~104°F)
Submersible depth		6M
Motor Part	Frequency	50Hz
	Pole	6 Pole
	Type	Dry Type
	Insulation	Class F
	Protection	IP 68
Pump Part	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical seal	Double Mechanical Seal
	Propeller	Four-Blade Propeller



Four-Blade Propeller



Parts and Material List

No.	Part	Material
2	Sliding Seat	AISI 304
3	Bearing Cover	AISI 304
4	Overload Protector	KLIXON
5	Bearing	NTN/TPI
6	Stator with Motor Frame	AISI 304
8	Shaft with Rotor	AISI 304
9	Seal Housing	AISI 304
11	Mechanical Seal	Upper: CA/CE Lower: SIC/SIC
12	Seal Bracket	AISI 304
13	Jet Ring	AISI 304
14	Propeller	AISI 304

TPI is a family brand of NTN group.

Dimensions (mm)

Type	A	B	C	D	E
EM-5.10	263	253	466	383	130
EM-5.20	263	253	466	383	130
EM-5.30	314	300	526	444	150

