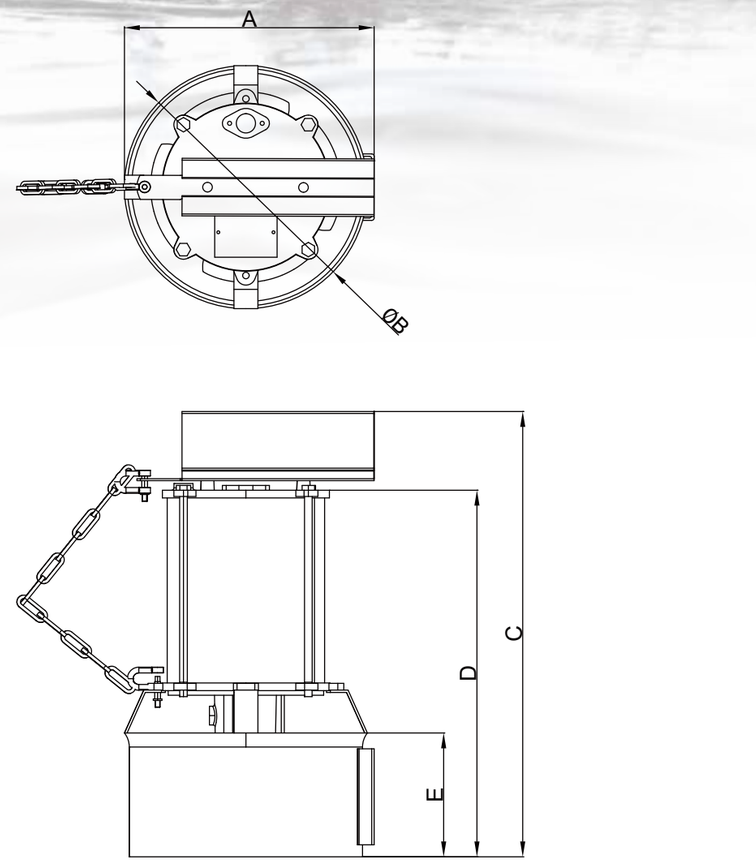
EM-Series Dimensions



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

APEC PUMP ENTERPRISE CORP.

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Vol.PIEM-22121

APEC PUMP

EM
SERIES 50HZ

Submersible Mixer

www.apecpump.com

EM
SERIES 50HZ

Submersible Mixer

Feature

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

Application

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

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
Mixer Part	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical seal	Double Mechanical Seal
	Propeller	Four-Blade

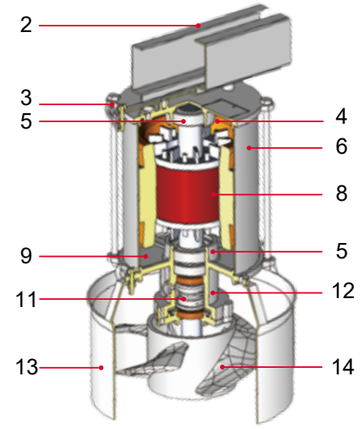
EM-5.20

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

Note:TPI is a family brand of NTN group.



Selection Table

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