



## SUBMERSIBLE DEWATERING PUMP

# EDW

## SERIES 50HZ



High Efficiency Closed Impeller



Chromium nickel material  
Excellent against corrosion  
Expelling solid design  
on the back of the impeller

### Features

- Efficient circumferential cooling for continuous duty
- Dry motor design with thermal auto-cut protector, protects motor from overheating
- Robust cable entry with epoxy potted sealing and strain-relief removes the risk of leakage into motor
- Ni Chrome Steel impeller for abrasive liquids
- In-line installation applicable by replacing strainer with a check valve or adapter flange
- Double mechanical seal and lip seal to ensure long life operation

### Applications

- Agriculture industry: irrigation and underground water
- Aquaculture industry: drainage and water supply of fresh water
- Extraction of water from rivers, lakes and reservoirs
- Landscape use and horticulture irrigation related operation

### Data Chart

Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Free Passage mm	Weight(W/O Cable)	
	HP	kW		1ø 230V	3ø 400V	Head M	Cap. LPM	Head M	Cap. LPM		1ø-kg	3ø-kg
80EDW-5.20(CH)	2	1.5	3"	11A	3.8A	9.5	500	16.4	820	10	47	46
80EDW-5.30(CH)	3	2.2	3"	15A	5.7A	14.5	500	26.5	980	10	46	45
100EDW-5.30(CH)	3	2.2	4"	15A	5.7A	9.5	800	17	1200	10	47	46
80EDW-5.50(CH)	5	3.7	3"	-	7.9A	21.5	400	32.4	1040	10	-	49.5
100EDW-5.50(CH)	5	3.7	4"	-	7.9A	12.5	1000	22	1680	10	-	50.5

» (CH) is optional for customized request model with high chrome enclosed impeller, heat treated ductile-iron suction plate and AISI 410 heat treated shaft

### Specifications

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

### Optional Accessories



Sacrificial anode  
PEDW-SA-M10



Flange kits  
3", 4" PEDW-FLK



Flange  
3", 4" PEDW-FL



Adapter flange  
3", 4" PEDW-ADF



Check valve  
3", 4" PEDW-CKV



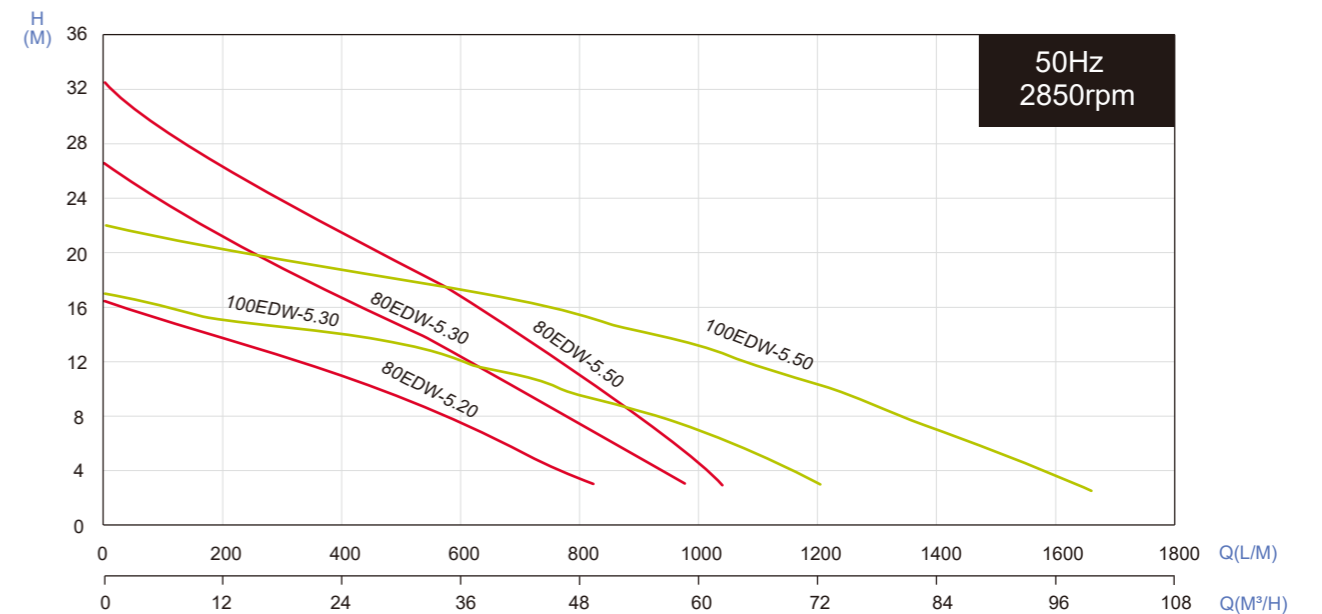
High chrome enclosed impeller  
Heat treated ductile-iron suction plate  
AISI 410 Heat treated shaft  
(Optional for customized request)

### Dimensions (mm)

Type	A	A1	A2	H	H1	F	G
80EDW-5.20S	247	160	235	568	209	125	14.5
80EDW-5.20T	247	160	235	523	187	125	14.5
80EDW-5.30S	260	185	235	568	209	150	14.5
80EDW-5.30T	260	185	235	523	187	150	14.5
100EDW-5.30S	260	185	235	568	209	150	14.5
100EDW-5.30T	260	185	235	523	187	150	14.5
80EDW-5.50T	260	185	235	548	187	150	14.5
100EDW-5.50T	260	185	235	548	187	150	14.5

» S : Single Phase ; T : Three Phase

### Performance Curve



All technical information is subject to change without notice.

### Section View

