



IC SUBMERSIBLE DEWATERING PUMPS



FEATURE

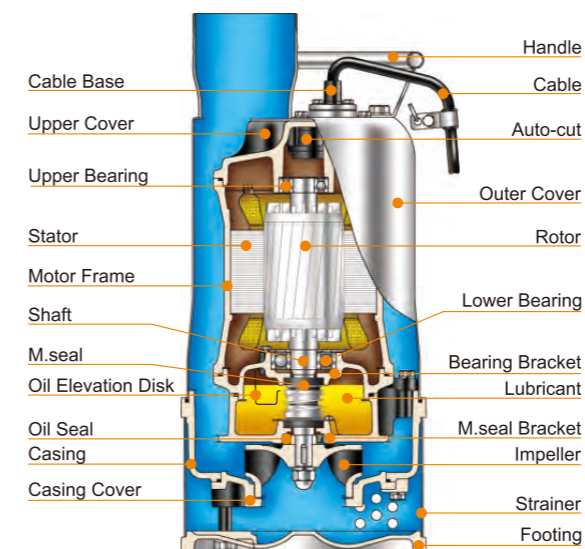
- The internal casting is treated with High solids Epoxy coating, which can improve the anti-corrosion and extend the product lifetime.
- Standard design, incorporating a dry motor with thermal auto-cut that prevents the motor from over heating. Equipped with a cast iron motor frame for a faster heat dissipation. As well as an abrasion resistant double mechanical seal and an additional oil seal.
- Water cooled motor to ensure a long life in continuous and intermittent operation, with high efficiency and energy savings.
- An exceptional High-lift and suction impeller design, which allows for dewatering of underground or circulating water applications.
- For above or below surface water applications; the IC pump strainer can be easily removed and replaced with a check valve, which allows for dewatering up to max. 8m deep of underground water and water circulation applications. (W-Well Type)
- New casing cover, with metric thread bolt hole that is easier for valve and adapter connection.
- The chrome steel impeller has been adopted for IC-32B~610, with hardness of HRC 25~30; better anti-corrosion, and extended product lifetime.
- High solids Epoxy coating prolong metals from corrosion and oxidization

APPLICATIONS

- Aquiculture water supply and drainage.
- Water supply for agricultural irrigation systems and underground water pumping.
- Landscape, water feature and horticulture irrigation.
- Extraction of water from rivers, lakes and reservoirs.

PRODUCT NOMENCLATURE

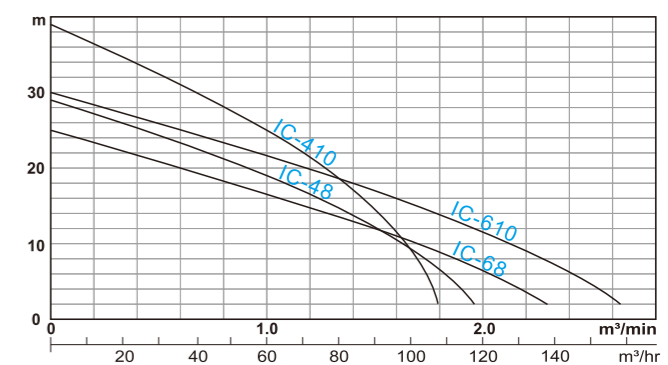
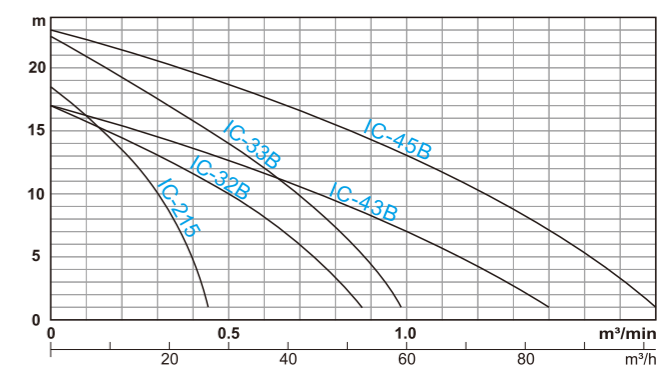
IC - 3 2 B
 Type Discharge inch HP Style



SPECIFICATIONS

Discharge (mm)		50 • 80 • 100 • 150
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Agriculture irrigation Circulating water • Dewatering
	Submersion Depth	30m (100feet)
Type	Frequency	50Hz
	Motor	2P (3000RPM) • Dry Motor
	Insulation	Class B(1.5~3HP) • Class F(5~10HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
Material	M.seal	Double M.seals
	Impeller	Enclosed-channel
	Outer Cover	SUS304
	Upper Cover	FC-200
	Motor Frame	SUS304(1.5HP) • FC-200 (2~10HP)
	Shaft End	SUS403(1.5~3HP) • SUS304(5~10HP)
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	Casing	FC-200
Impeller	Chrome Steel(IC-32B-IC-610) • Bronze(IC-215)	
Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications	

PERFORMANCE CURVES



PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
						m³/min	m³/h		1Ø	3Ø	A	B	C		
IC-215	1½ (1.1)	2" (50)	1	Capacitor	13.5	0.2	12	3.5	28	24	210	482	423	370	429
IC-32B	2 (1.5)	3" (80)	3	Direct	10	0.5	30	10	40	36	235	548	503	511	466
IC-33B	3 (2.2)	3" (80)	3	Direct	14	0.5	30	10	45	39	235	578	503	541	466
IC-43B	3 (2.2)	*3½" (90) 4" (100)	3	Direct	9.5	0.8	48	10	45	39	235	593	518	556	481
IC-45B	5 (3.7)	*3½" (90) 4" (100)	3	Direct	13	1.0	60	10	-	44	235	-	548	-	511
IC-48	7½ (5.5)	4" (100)	3	Direct	19	1.0	60	10	-	75	286	-	550	-	610
IC-410	10 (7.5)	4" (100)	3	Direct	25	1.0	60	10	-	80	286	-	550	-	610
IC-68	7½ (5.5)	6" (150)	3	Direct	12	1.5	90	10	-	78	286	-	550	-	610
IC-610	10 (7.5)	6" (150)	3	Direct	17	1.5	90	10	-	81	286	-	550	-	610

Note: Weight Without Cable & Outlet,*3½" (90mm) optional by request

