

# IC SUBMERSIBLE DEWATERING PUMPS



## FEATURE

- Standard design incorporating : cable and dry motor equipped with thermal Auto-Cut prevents motor from over heating. Abrasion resistant double mechanical seals and additional oil seal.
- Superior design of water cooled motor to ensure long life operation with high efficiency and energy savings.
- For above or below surface water applications, the IC pump strainer can be easily removed and replaced with a check valve, which allows for de-watering of underground water applications.

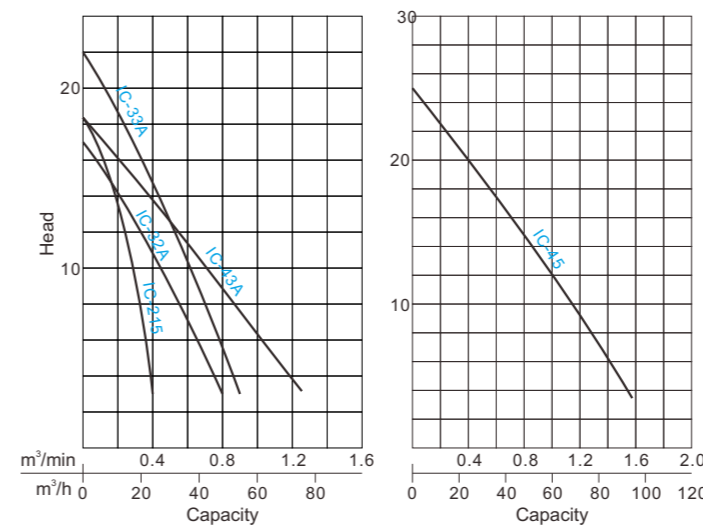
## APPLICATIONS

- 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	A
Type	Discharge inch	HP	Style

## PERFORMANCE CURVES



## SPECIFICATIONS

Item	Description	
Liquid temp.	0~40°C(32~104°F)	
Applications	Agriculture irrigation · Circulating water · Dewatering	
Max depth	30m	
Pump sect.	Structure	Impeller: Enclosed channel M. seal: Double M. seals Bearing: Ball type
	Material	Out cover: SUS304
		Upper cover: FC-200
		Casing: FC-200
	Motor sect.	Impeller: Bronze
		M. seal: Lower: Sic/Sic · Upper: CA/CE
Motor: Dry motor 2P (3000RPM)		
Insulation: B Class (5HP : F Class)		
Frequency: 50Hz		
Protector: Auto-cut(expect 3HP 1 )		
Material	Frame: SUS304	
	Main shaft: SUS403	
	Cable: VCT or H07RN-F or SJOW/SOW	

※Pumps can be customized to fit specifications.

## PERFORMANCE SPEC.

Model	Power HP(kW)	Discharge Inch(mm)	Phase	Start Method	Head m	Capacity		Weight kg 1 /3	Solid Passage mm	Dimension (mm)		
						m³/min	m³/h			Length	Width	Height
IC-215	1.5(1.1)	2"(50)	1	Capacitor	13.5	0.2	12	28	3.5	-	210	496
				Direct								24
IC-32A	2(1.5)	3"(80)	1	Capacitor	9	0.5	30	42	8	252	238	616
				Direct								35
IC-33A	3(2.2)	3"(80)	1	Capacitor	12.5	0.5	30	46	8	252	238	616
				Direct								40
IC-43A	3(2.2)	3"(80)	1	Capacitor	10	0.7	42	43	11	262	238	616
				Direct								39
IC-45	5(3.7)	4"(100)	3	Direct	12	1.0	60	45	11	262	288	561

Note : Weight W/O Cable

