

CPA DEWATERING PUMP

SERIES IC



IC-103A



**IC-103AF
(FLOAT)**



IC-21A



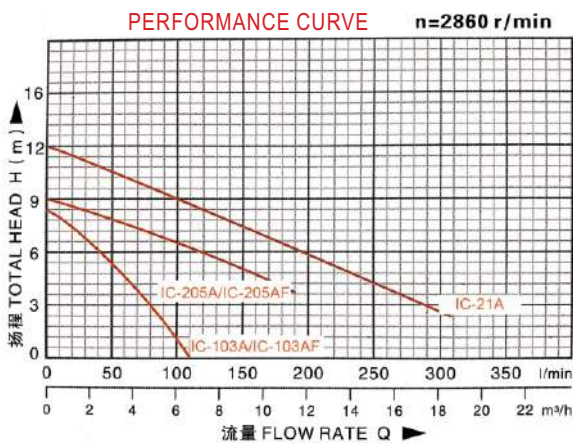
**IC-21AF
(FLOAT)**



**NYLON 66
IMPELLER**



**CAST IRON
IMPELLER**



APPLICATION

1. Aquaculture water supply and drainage.
2. Water supply for agriculture.
3. Landscape, water feature and horticulture irrigation.
4. Water drainage for construction site.

PERFORMANCE SPEC.

MODEL	POWER HP (W)	DISCHARGE inch (mm)	PHASE (\emptyset)	HEAD (M)	CAPACITY		WT (kg)	DIMENSION (MM)			IMPELLER
					L/min	m ³ /h		Length	Width	Height	
IC-103A IC-103AF	0.33(250)	1" (25)	1	4.5	60	3.6	8.5	190	180	400	NYLON 66
IC-205A IC-205AF	0.5(370)	2" (25)	1	7.0	80	4.8	17.0	170	220	460	CAST IRON
IC-21A	1.0(750)	2" (25)	1/3	7.8	140	8.4	18.5	185	220	460	CAST IRON

CPA DEWATERING PUMP

SERIES IC



IC-45A



IC-43A/IC-33A



■ FEATURE

1. 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.
2. Superior design of water cooled motor to ensure long life operation with high efficiency and energy saving.
3. 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 of underground water applications.

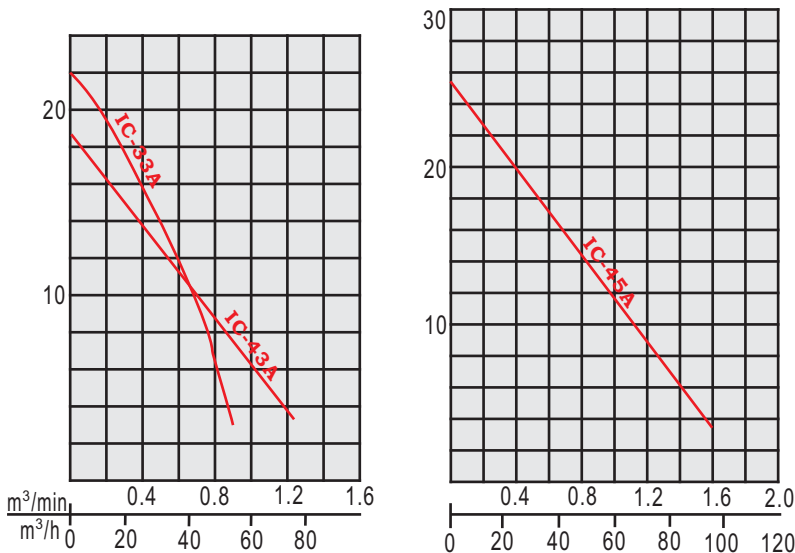
■ APPLICATIONS

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

■ SPECIFICATIONS

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

■ PERFORMANCE CURVES



■ PERFORMANCE SPEC.

Model	Power HP(kw)	Discharge inch(mm)	Phase Ø	Start Method	Head m	Capacity		Weight kg 1Ø/ 3Ø	Solid Passage mm	Dimension (mm)		
						m³/min	m³/h			Length	Width	Height
IC-33A	3 (2.2)	3" (80)	1	Capacitor	12.5	0.5	30	46	8	252	238	616
				Direct								536
IC-43A	3 (2.2)	4" (100)	1	Capacitor	10	0.7	42	43	11	262	210	616
				Direct								536
IC-45A	5 (3.7)	4" (100)	3	Direct	12	1.0	60	45	11	262	288	561