

AL TYPE WASTE WATER AND SEWAGE PUMPS

■ FEATURES

- Equipped with AutoCut, silicon carbide double mechanical seal, epoxy cable base treatment.
- Entire cast iron structure and compact design.
- Available with TOS guide rail system.
- High head and efficiency for wide range design.

■ APPLICATIONS

- Waste water drainage for all industries.
- Pumping surface water, drainage water and flood water.
- Extraction of water from river and lake.



AL-35A



AL-48



● Basement water drainage.



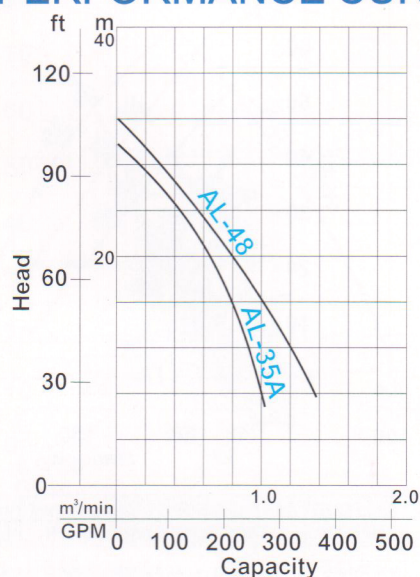
◎ Pressure-reducing design

AL-48 pump's impeller were designed in high head. Pressure reducing design will release the high pressure in volute when operating.

■ SPECIFICATION

Diameter(mm)			80・100
Pumping liquid	Liquid temp.		0~40℃
	Liquid nature		Waste water, sewage and drainage water
	Max depth		30m
Pump	Structure	Impeller	Open
		Mech seal	Double Mechanical seal
		Bearing	Ball type bearing
	Material	Upper cover	FC-200
		Casing	FC-200
		Impeller	FC-200
		M.seal	Sic/Sic
Motor	Type		Dry motor
	Polarity		2P
	Insulation		F Class
	Frequency		50Hz
	Auto-cut		Automatic reset motor protector
	Material	Frame	FC-200
		Main shaft	SUS420J2 (5HP: SUS403)
		cable	VCT

■ PERFORMANCE CURVE



■ PERFORMANCE SPEC.

Type	Power HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Capacity m³/min(m³/hr)	Head feet	Capacity GPM	Weight kg	Solid passage mm	Dimension(mm)		
											Length	Width	Height
AL-35A	5(3.7)	3"(80)	3	Direct	23	0.5(30)	76	132	60	16	468	242	565
AL-48	7.5(5.5)	4"(100)	3	Direct	20	0.8(48)	66	211	98	20	597	307	710