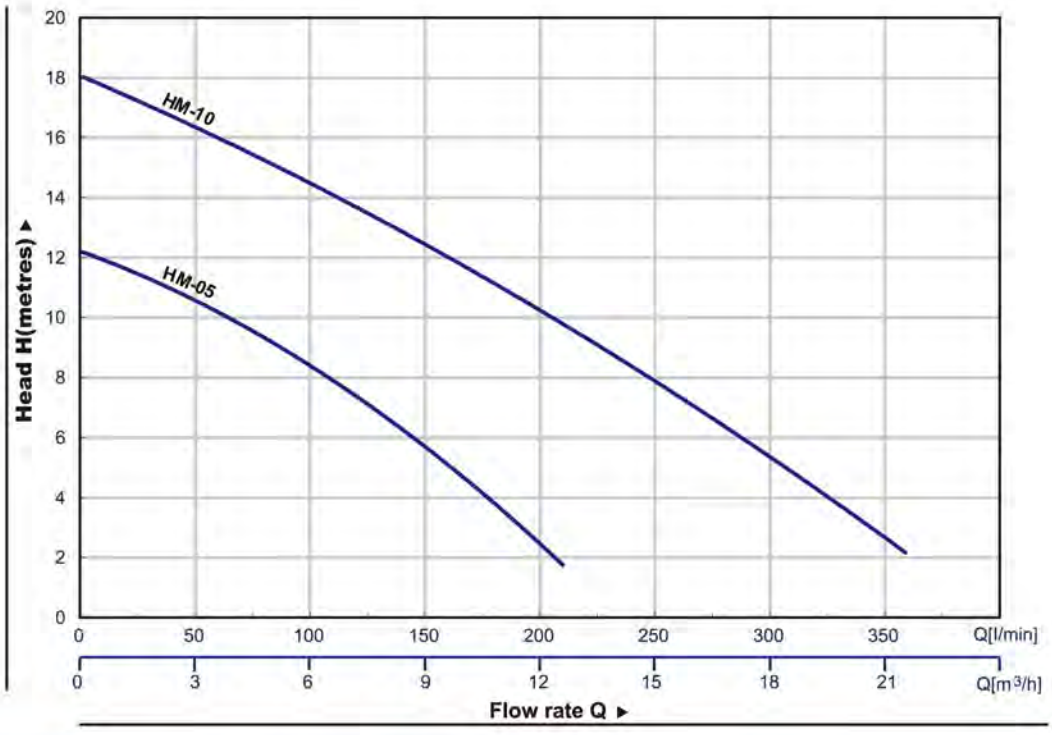
General Data/Material

Operating Conditions	**Applications**	Waste water for domestic and civil purposes
	Fluid Temperature	0 to 40 ℃
Motor	**Type**	Dry Type
	Pole	2-pole
	Insulation	Class F
	Protection	IP68
	Protection Device	Thermal Protector (single phase) Overload Protector (three phase)
Pump	**Impeller**	Vortex Impeller
	Shaft Seal/Material	Double Mechanical Seal
	Bearing	Double-shielded Ball Bearing

Component	Material
Cable	H07RN-F
Handle	Nylon 6
Motor Cover	ADC 12
End Bracket	SECC
Pump Casing	Cast Iron GJL 200
Impeller	TPU
Strainer	PVC
Agitator	SMF 5030
Mechanical seal:Upper	CA/CE
Lower	Sic/Sic
Shaft	AISI 410
Motor Housing	ADC 12

Characteristic curves N=2900 rpm

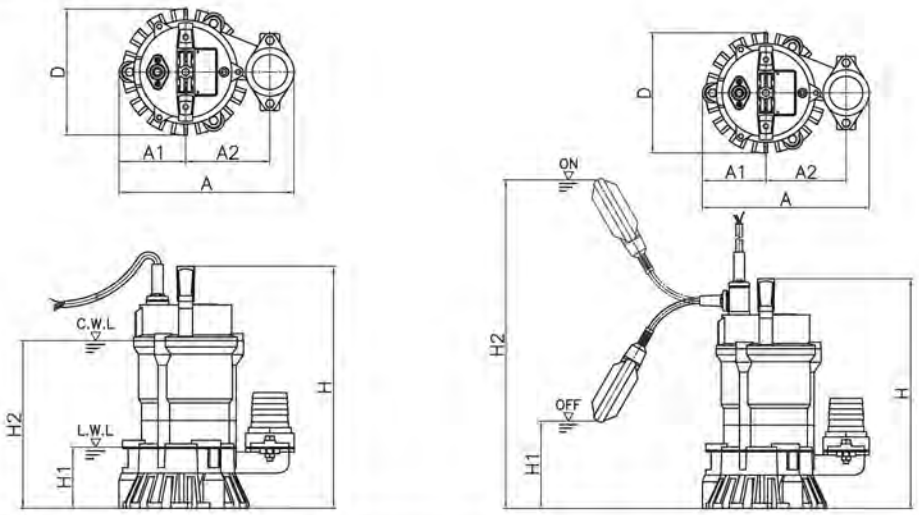


Specifications

Model	Power HP (kW)	Discharge inch	Phase	Standard		Max		Solid Passage mm	N.W. kg	Cable M
				Head M	Capacity LPM	Head M	Capacity LPM			
HM 05-50	1/2 (0.37)	2"	1φ/3φ	7	120	12	240	10	12.5	10
HM 10-50(80)	1 (0.75)	2"/3"	1φ/3φ	10	200	18	350	10	15.5	10

Auto Float Switches are available in Single-phase

Dimensions and Weights



Model	Dimension (mm)						
	A	A1	A2	D	H	H1	H2
HM-05-50	250	95	120	180	344	87	239
HM-05MA-50	250	95	120	180	344	131	491
HM-10-50(80)	280	95	135	180	369	87	264
HM-10MA-50(80)	280	95	135	180	369	156	516

A= Auto Float Switch