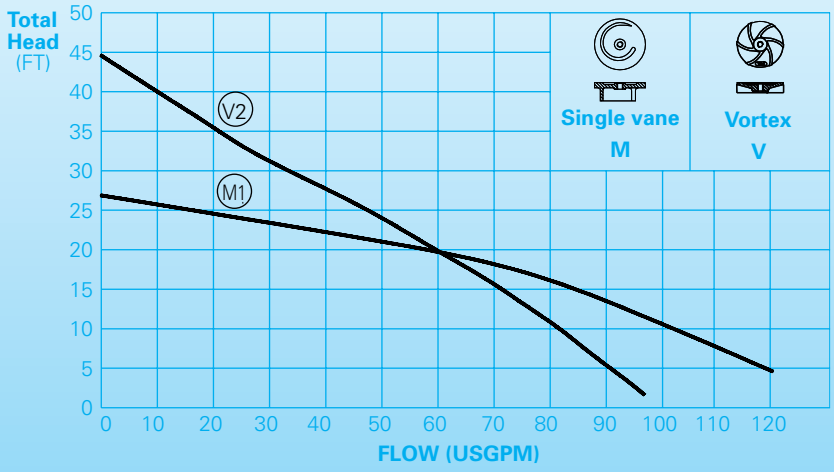
Submersible Wastewater Pumps
1 1/2“ Discharge – 1“ Solids

TP 28

Performance



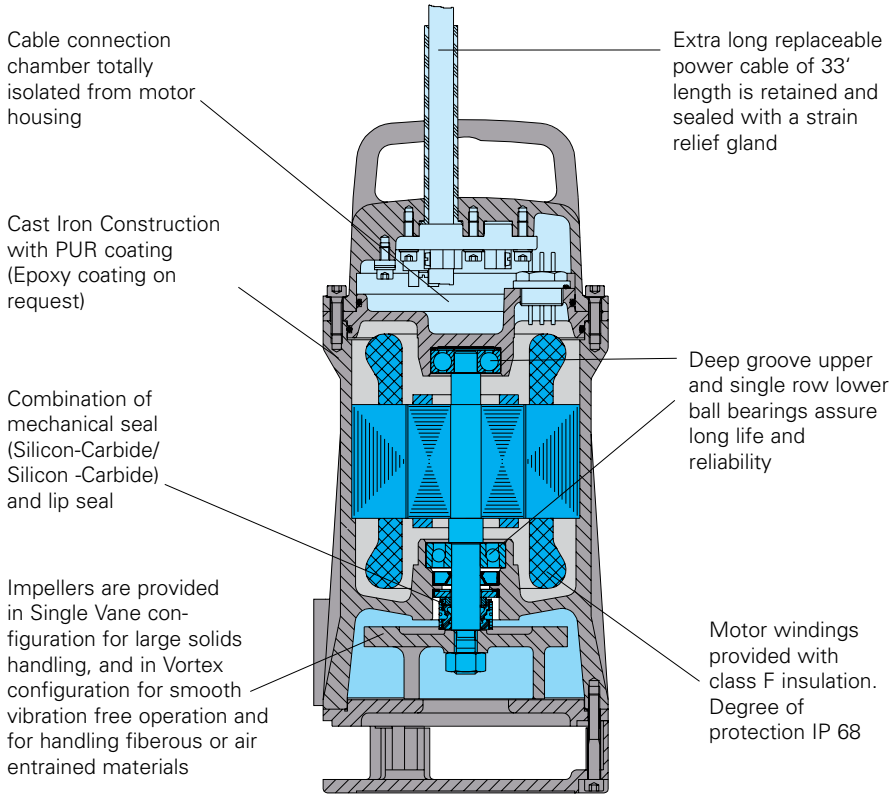
Application

The HOMA TP 28 Series are ideal for pumping drainage water or effluent in residential, commercial or industrial applications. By their 1“ spherical clearance they are especially able to pump liquids with larger suspended solids like fibres, textiles etc.

Typical Fluids Handled Are:

- Clear water and drainage water
- Effluent containing soft solids
- Liquids to 140° F can be handled intermittanly.
- PH range 5 – 9 with specific gravity to 1.1

Features



Motor Construction

Motor Type:
enclosed submersible

NEMA insulation code:
class F

Service Factor:
1.15

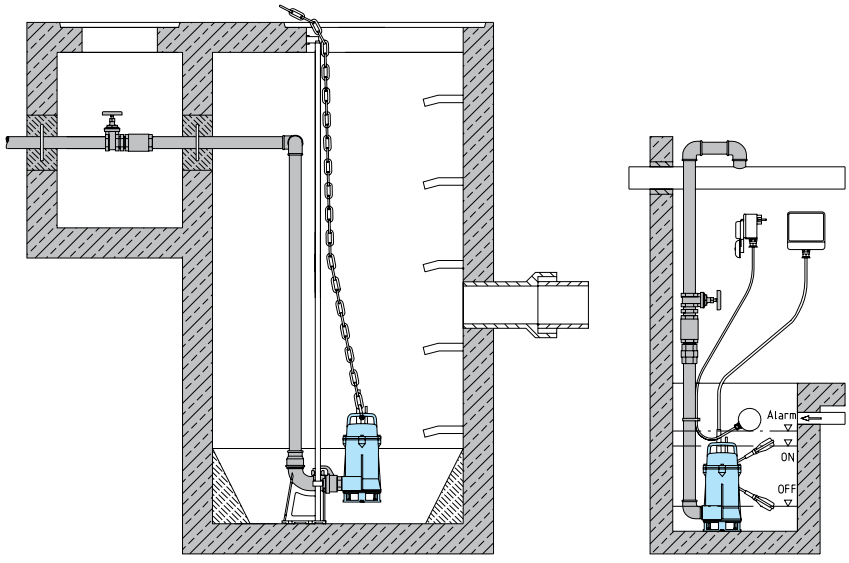
NEMA Design Type:
B

Standard Cable Length:
33 ft

Available Motor Voltages:
1 Phase: 115 V, 200V, 230 V
3 Phase: 200 V, 230 V, 380 V,
460 V, 575 V

Installations

Wet pit with autocoupling **Basestand**



Materials

Motor housing, Volute and Impeller:
Cast Iron ASTM A 48, class 40B

Mechanical seal – Impeller side:
Silicon Carbide vs Silicon Carbide

Shaft seal – Motor side:
Lip seal

O-Rings:
Nitrile rubber

Upper bearing:
Deep groove Ball Bearing

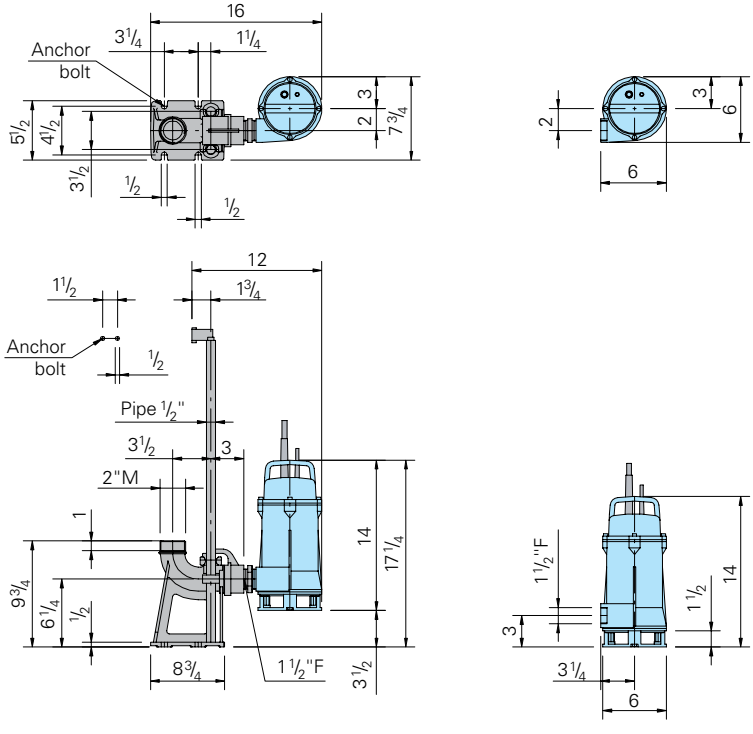
Lower bearing:
Single row angular Ball Bearing

Power cable sheathing:
Nitrile rubber

Shaft:
AISI 430 F Stainless steel

Fasteners:
AISI 304 Stainless steel

Dimensions (inches) (Tolerance +/- 1/4")



Technical Data

Curve No.	Pump Type	Rated B.H.P.	Phase	Voltage (V)	Full Load Amps	Speed (rpm)	Weight (LBS)	NEMA code
M 1	TP28M13/2/1	0.9	1	230	5.7	3450	44	F
M 1	TP28M13/2/3	0.9	3	230/380/460	3.8/2.3/1.9	3450	44	F
V 2	TP28V16/2/1	1.1	1	230	6.6	3450	49	G
V 2	TP28V16/2/3	1.1	3	230/380/460	4.0/2.4/2.0	3450	49	G

HOMA PUMP TECHNOLOGY

17.0110 (GR) 001 hop We reserve the right to alter our specifications without notice!