

ITT

BVB25

Commercial Water

Goulds Pumps

25VB High-Pressure Vertically Immersed
Multi-stage Booster Pump



FEATURES

- **Multi-stage Design:** Provides steady, quiet, vibration free, operation.
- **O-ring Casing Seal:** Reliable high pressure sealing with easy disassembly for maintenance or repair.
- **Impellers and Diffusers:** Glass filled engineered composite material with floating impeller design. High resistance to corrosion and abrasion.
- **Bowls:** 300 stainless steel rabbit lock for positive alignment with no Gaskets required.
- **Variable Capacity:** Centrifugal pump design permits selection of flow within a range for each size.
- **Motors:** Close coupled NEMA 56J motors. Totally enclosed fan cooled. Three phase. Ball bearings carry all radial and axial thrust loads. Designed for continuous operation.
- A tank mounting clamp is provided for ease of adjustment to tank depth.
- Optional stainless steel suction and discharge.



Goulds Pumps is a brand of ITT Corporation.

www.goulds.com

Engineered for life

SPECIFICATIONS

Pump:

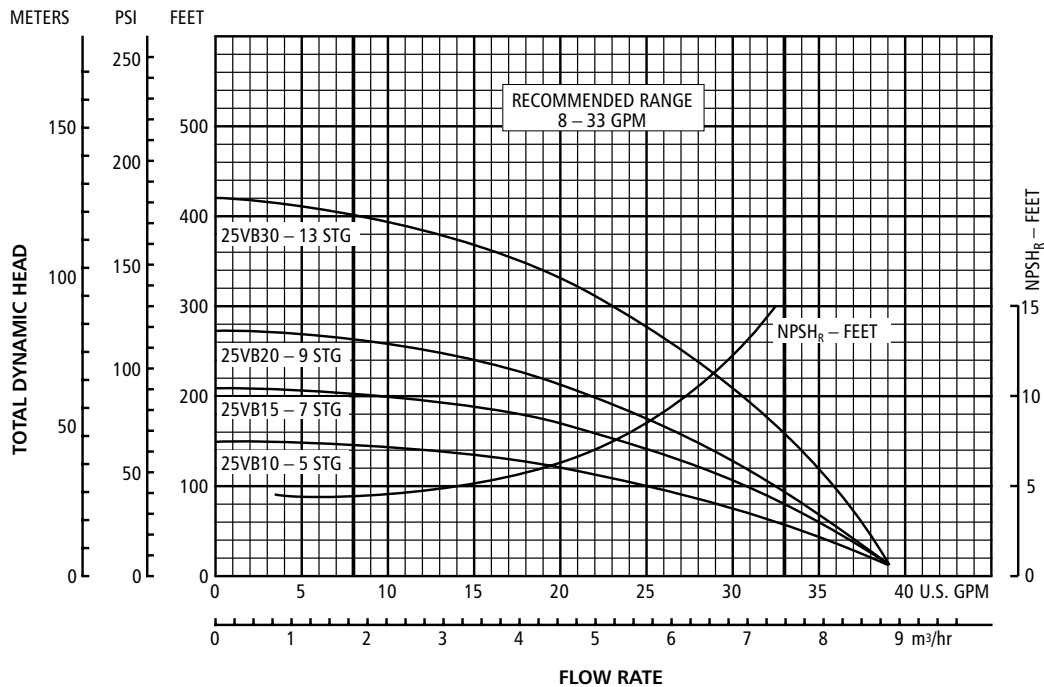
- Capacities: to 33 GPM.
- Heads: to 430 ft. (190 PSI).
- Pipe Connections: 1" NPT.
- Maximum flow: 33 GPM.
- Minimum flow: 8 GPM.
- Maximum Liquid Temperature: 160°F (71°C).
- Rotation: Counterclockwise when viewed from motor end.
- Maximum lift with foot valve: 10 ft. (check NPSH curve).

Motor:

- NEMA standard: 56J frame.
- Totally enclosed fan cooled.
- 60 Hz, 3500 RPM, three phase.
- Three phase motors require starters, available separately.

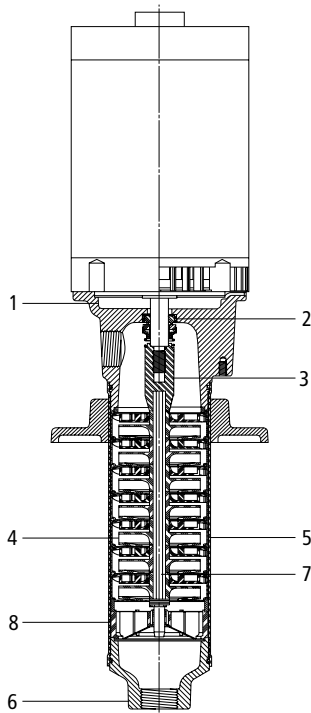
APPLICATIONS

Mounts in a tank for circulation of cooling detergent solutions for machinery and parts cleaning.



MATERIALS OF CONSTRUCTION

Item No.	Description	Material
1	Motor Adapter	Cast Iron or Cast 304 Stainless Steel
2	Mechanical Seal	2 = Carbon/Ceramic/BUNA 3 = Carbon/Silcar/EPR 4 = Carbon/Ceramic/Viton 5 = Carbon/Silcar/Viton
3	Shaft Coupling	Stainless Steel
4	Impeller/Diffuser	Engineered Composite
5	Bowl	304 Stainless Steel
6	Suction Head	Cast Iron or 304 Stainless Steel
7	Hex Shaft	Stainless Steel
8	Casing	304 Stainless Steel

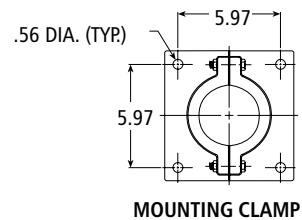
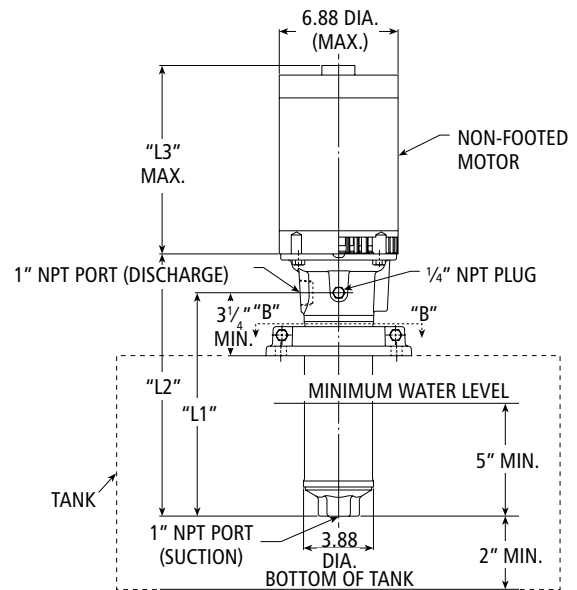


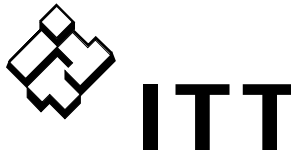
DIMENSIONS AND WEIGHTS

Model	Stages	L1 Approx.	L2 Approx.	HP	L3 Max.	Max. Wt. lbs.
25VB10	5	10.62	12.62	1	10.00	43
25VB15	7	12.50	14.50	1½	10.86	48
25VB20	9	14.38	16.38	2	11.00	56
25VB30	13	18.12	20.12	3	11.25	64

Warnings:

- Do not run pump dry.
- Do not run pump below minimum flow.
- Mount pump so that suction is at least two inches above the tank bottom.
- Liquid level must be at least 5" above suction before starting pump.
- Not for use in condensate, acid or highly caustic solutions. Contact your distributor for specific applications.





ITT
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