

Horizontal Multi-Stage Pump (for High-Head Water & Process Duties)

TYPE : HMS-1170

Casings & Impellers :

- Cast Iron / Ductile Iron / Cast Steel / Bronze / SS 304 / SS 316 / Duplex SS

Shaft & Seal :

- SS 410 / SS 420 / SS 304 / SS 316 Shaft / Carbon-Ceramic / SiC-SiC / TC-TC Faces

Elastomers :

- NBR / FKM / EPDM / PTFE / FEP-Encapsulated FKM

Operating Limits :

Size: DN25 to DN150 (1.000" to 6.000")

Speed: Up to 3500 rpm

Pressure: Up to 40 bars (580 psi), casing and flange dependent

Temperature: -10 °C to +120 °C (+14 °F to +248 °F)

Application :

- High-Rise Building Water Supply
- Boiler Feed & Condensate Transfer
- Reverse Osmosis Feed & Water Treatment
- Industrial Pressure Boosting
- Industrial Washing, Rinsing & Cleaning
- HVAC Chilled, Hot & Cooling Water Circulation
- Firefighting, Irrigation & Clean-Water Transfer
- Chemical, Pharmaceutical, Food & Power Plants



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Features :

- **Multi-Stage Hydraulic Design** for high-head, high-pressure duty.
- **Robust Cast Construction** for vibration resistance and long life.
- **Mechanical Shaft Seal** for clean and compatible process water.
- **Flanged Suction & Discharge** for rigid pipework integration.
- **Fixed-Speed or VFD** controlled booster systems.
- **Continuous Duty** in boiler feed, RO feed and boosting.
- **Accessible Service Envelope** for coupling, seal and bearing work.

➤ **DIMENSIONS AND PUMP CURVES ON REQUEST**