

Peerless Pump^{MULTI}



Specifications:	
Flowrate Up to 1,100 gpm (250 m ³ /hr)	Peerless Pump^{Multi} Pumps Peerless Pump ^{multi} pumps are horizontal multistage centrifugal pumps of ring-section design, which meet the technical requirements of ISO 5199 / EN 25199. The advanced modular design reduces the number of parts while maximizing intergangeability.
Head Up to 2060 feet (630 meters)	Optimal selection of impeller diameter and diffuser size for each ensures that the pump closely match the required duty conditions.
Pressure Up to 913 psi (63 bar)	Construction Different hydraulic impeller and diffuser sizes can be installed in a standardized casing, thus enabling the pump to be designed exactly for the working point required.
Speed Up to 3600 rpm	Axial thrust is hydraulically balanced by a patented balance drum system with a self-adjusting throttling device. Residual thrust is absorbed by a generously-sized angular contact ball bearing.
Shaft Seal packed gland, mechanical seal	There are two options for supporting the pump rotor: Bearing "A": rotor is supported on the drive side by grease lubricated anti-friction bearings and on the suction side by a self-adjusting sleeve bearing lubricated by the pumped liquid. It is driven from the discharge end and has only one shaft seal.
Temperature 14° to 356° F (-10° C to 180° C) optional to 392° F (200° C)	Bearing "B": rotor is supported on both sides by grease lubricated anti-friction bearings. It is driven from the suction end and has two shaft seals. The casing components are sealed by O-rings. The pump casings are held together by external tie rods. The pump feet are mounted to the suction and discharge casings in such a manner that the suction casing and discharge casing can be rotated in 90° increments to suit the installation conditions.
Direction of rotation counter-clockwise, when viewed drive end	
Options special materials, monitoring systems	Applications Pumps of the Peerless Pump ^{multi} range meet the specific requirements of many applications, such as: waterworks, water supply, boiler feed, pressure boosting, irrigation, high pressure cleaning, heating, condensate systems, reverse osmosis, chemical, process, and many more...
	

more... for less...

Reduced life-cycle cost

- Enhanced efficiency with the balance drum system
- Only one shaft seal
- Lower power consumption
- High reliability

Ease of maintenance

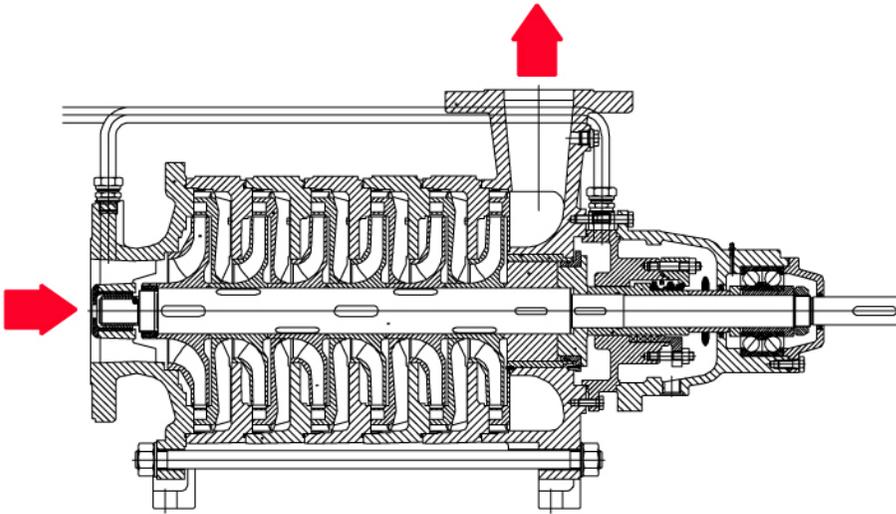
- Simple dismantling and assembly

Minimized wear

- reduced usage of spare parts

Global service network

- Established local service centers across the globe



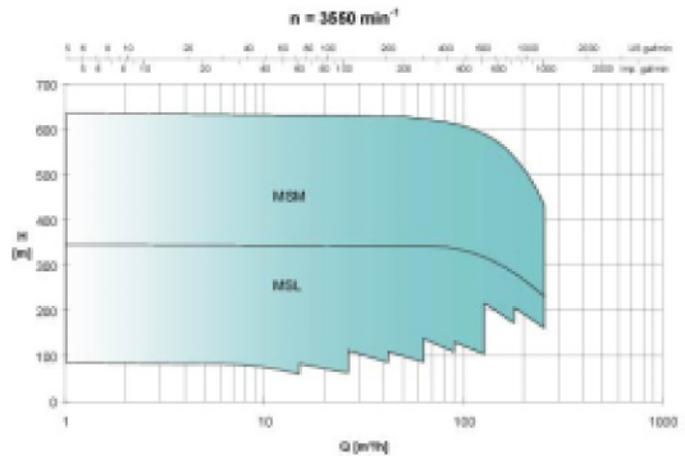
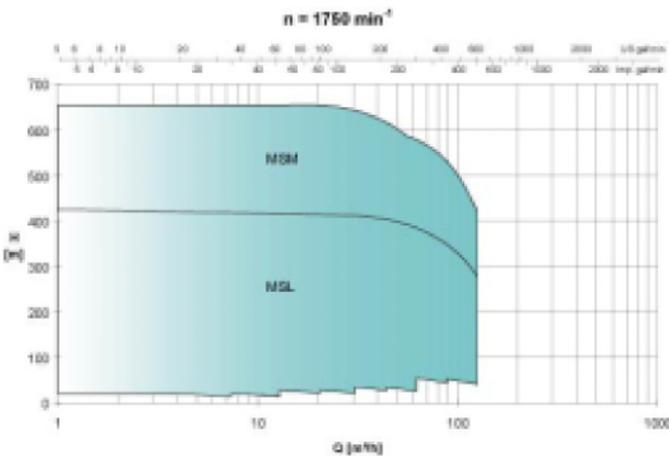
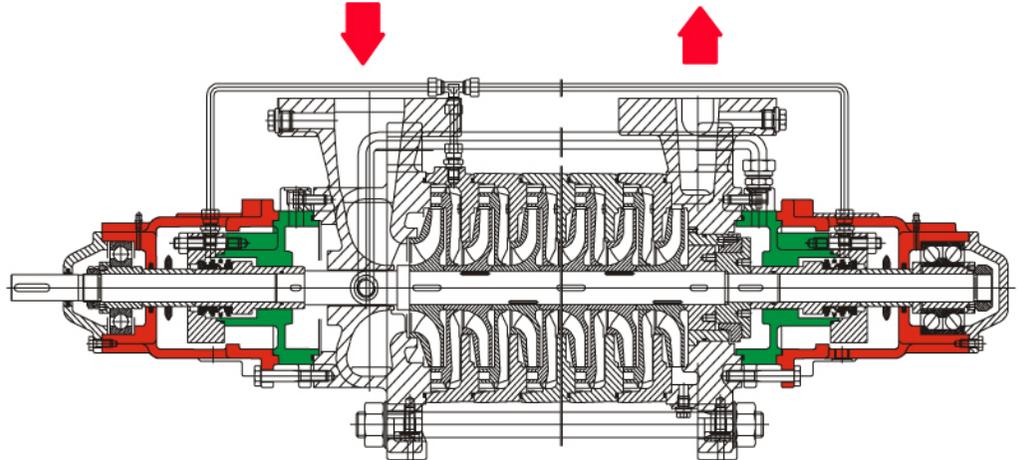
Shaft Sealing Arrangements

Mechanical seal arrangement

- uncooled, balanced
- cooled, balanced
- uncooled, unbalanced
- uncooled, double “back to back”

Packed gland arrangement

- uncooled
- with jacket-cooling
- with external flushing



Peerless Pump Company
P.O. Box 7026 Indianapolis, IN 46207-7026
Phone: (317) 925-9661 Fax: (317) 924-7388