


# Peerless Pump<sup>MULTI</sup>



<b>Specifications:</b>	<b>Peerless Pump<sup>Multi</sup> Pumps</b>
<b>Flowrate</b> Up to 1,100 gpm (250 m <sup>3</sup> /hr)	Peerless Pump <sup>multi</sup> pumps are horizontal multistage centrifugal pumps of ring-section design, which meet the technical requirements of ISO 5199 / EN 25199.
<b>Head</b> Up to 2060 feet (630 meters)	The advanced modular design reduces the number of parts while maximizing intergangeability. Optimal selection of impeller diameter and diffuser size for each ensures that the pump closely match the required duty conditions.
<b>Pressure</b> Up to 913 psi (63 bar)	<b>Construction</b> 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.
<b>Speed</b> 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.
<b>Shaft Seal</b> 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.
<b>Temperature</b> 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.
<b>Direction of rotation</b> counter-clockwise, when viewed drive end	<b>Applications</b> Pumps of the Peerless Pump <sup>multi</sup> 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...
<b>Options</b> special materials, monitoring systems	
	

*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**

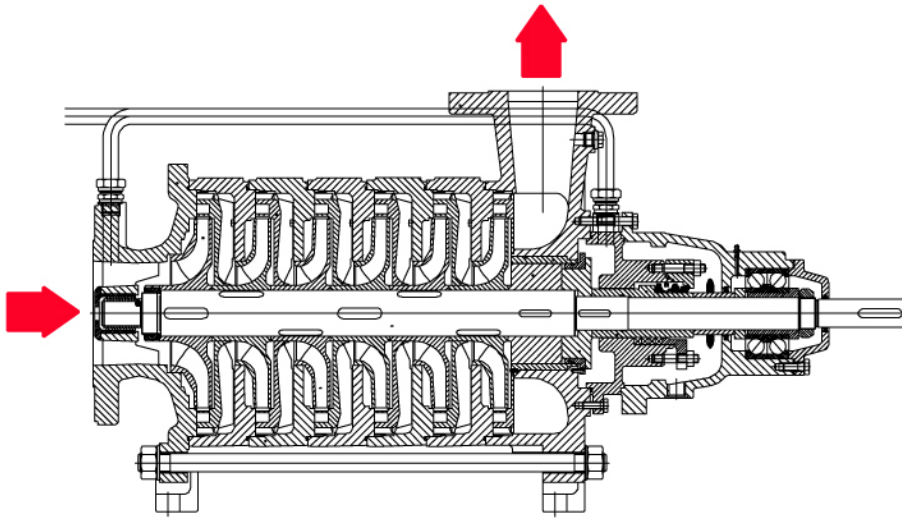
- Simple dismantling and assembly

**Minimized wear**

- reduced usage of spare parts

**Global service network**

- Established local service centers across the globe



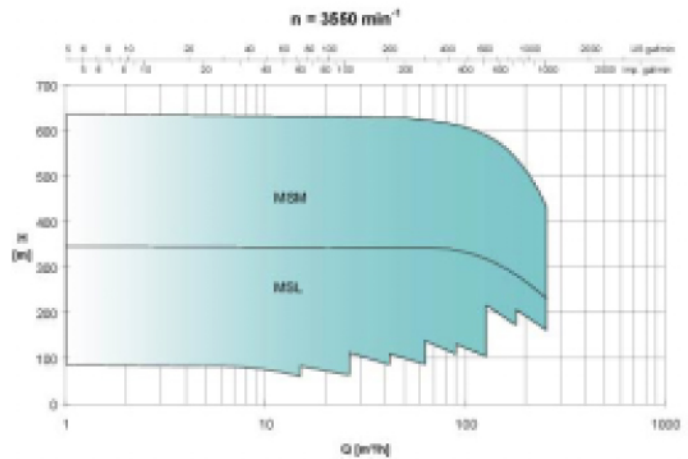
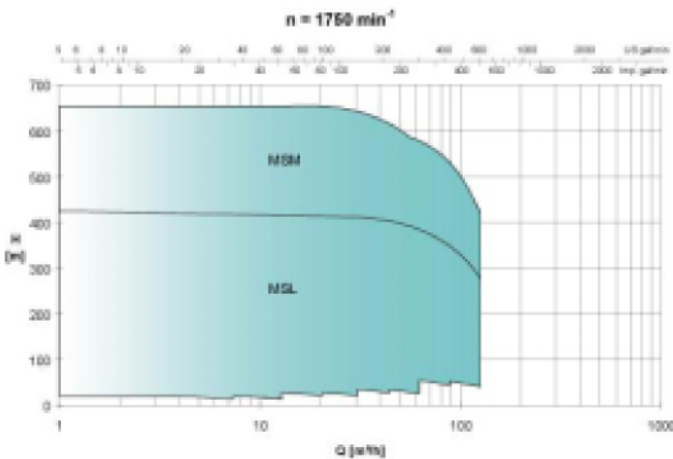
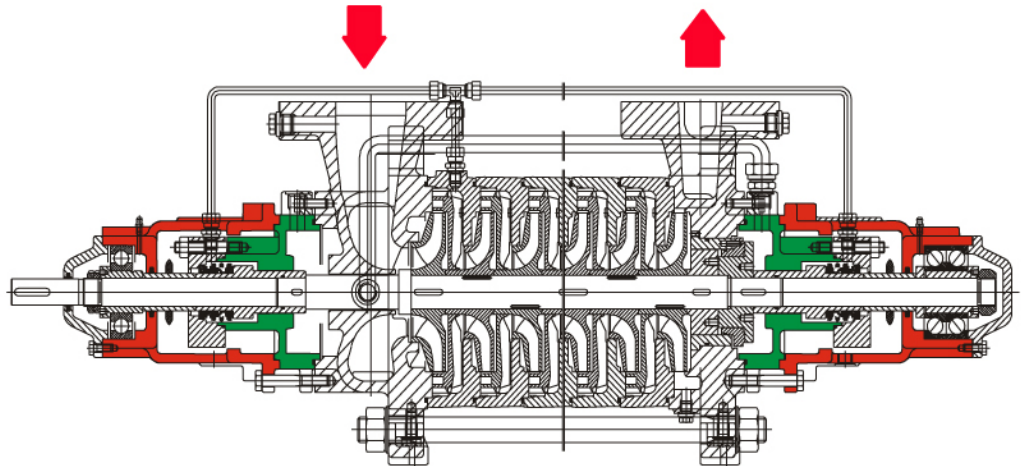
**Shaft Sealing Arrangements**

**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