



# **MONASH PUMPS (ASIA)**

## **MPE SERIES**

**END SUCTION CENTRIFUGAL PUMP SINGLE  
STAGE BACK PULL-OUT**

**EN733 (DIN 24255) DESIGNED**





## APPLICATIONS

MPE Series pumps can be used for the following services in commercial, residential, agriculture, industrial, processing, petroleum, food & beverage industries:

- Air Conditioning
- Fire Fighting
- Irrigation
- Pressure Booster
- Water Treatment
- Water Transfer
- Drainage
- De-watering
- Cooling Tower
- Industrial



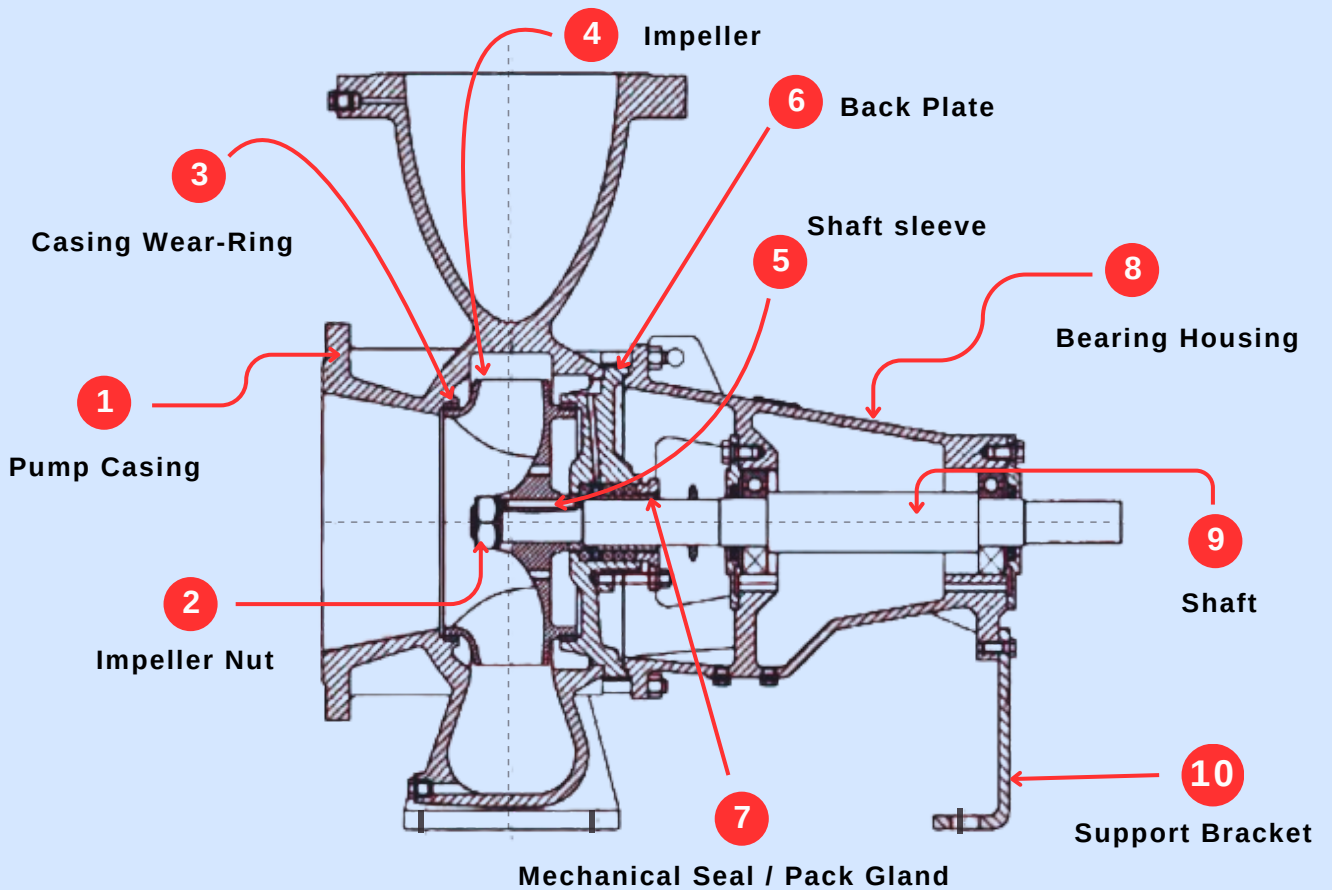
## TECHNICAL INFORMATION

- Design: EN 733 (DIN 24255)
- Operating pressure: 1000MPE standard; 1600MPE optional
- Hydrostatic test pressure: 1500MPE standard; 2400MPE optional
- Operating temperature: -10°C to +105°C standard; 160°C optional
- Operating speed: 50 Hz, 1450 rpm and 2900 rpm; 60 Hz, 1750rpm
- Pumps meet the DIN 24255 specification for end suction, horizontal centrifugal pumps.
- Heavy-duty cast iron casing with integral cast feet suitable for 10 bar working pressure. Working pressures up to 16 bar also available. Centreline discharge assures that the casing is self-venting.
- Flanges to ISO 2084 PN16 as standard. Also available with ASA 125# or JIS 10k drilling.
- Back pull out design for fast and easy maintenance when fitted with a spacer type coupling because suction and discharge piping and drive motor remain in place.
- Shaft seal is available as packing or as mechanical seal to suit all types of applications.
- Replaceable wear rings to assure optimum efficiency and performance at all times.
- Double shrouded, hydraulically balanced impellers with back vanes to minimize gland pressure in cast iron or bronze as standard. Also available in stainless steel or zinc free bronze.
- Heavy-duty cast iron bearing housing with SKF greased ball bearings as standard. Also available with oil lubricated bearings for robust applications.
- Heavy-duty shaft in stainless steel for longer life and to assure product purity.
- Stainless steel shaft sleeve for product purity, longer mechanical seal life and to prevent damage to the shaft from packing or mechanical seal.
- Operating temperature from -10°C to +105°C as standard. Available for up to +160°C with cooling and suitable mechanical seal selection.

**MATERIALS OF CONSTRUCTION**

Parts	Standard Supply	Options
Pump Casing	Cast Iron	Stainless Steel SS304 Stainless Steel SS316 Bronze
Bearing Housing	Cast Iron	N/A
Impeller	Bronze	Stainless Steel SS304 Stainless Steel SS316 Cast Iron
Casing Wear Ring	Cast Iron	Stainless Steel SS304 Stainless Steel SS316
Shaft	Stainless Steel SS420	Stainless Steel SS316
Shaft Sleeve	Stainless Steel SS420	Stainless Steel SS316
Shaft Seal	Mechanical Seal or Pack Gland	Cartridge Seal
Bearing Seal	IP 55 Seal	IP 66 Bearing isolator

**PUMP PARTS**






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