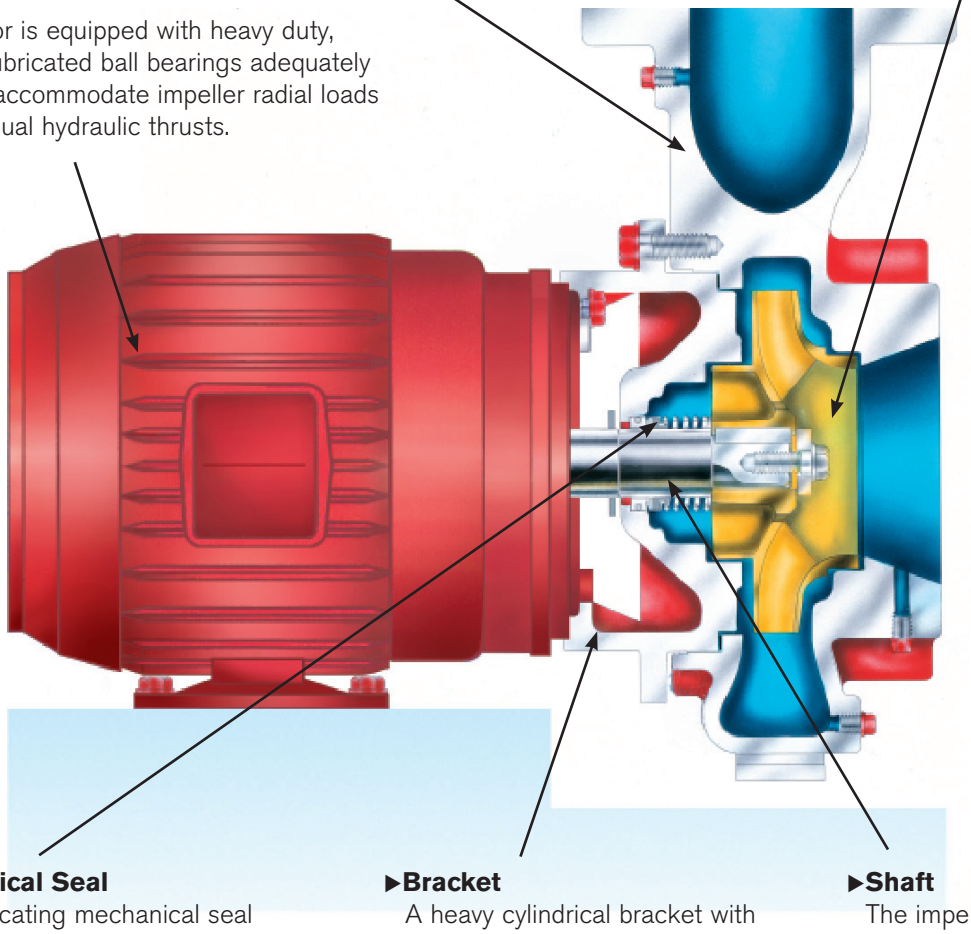
▶Casing
Radially-split casing with center-line discharge can be left in the line while servicing the pump, eliminating needless disconnecting of pipes. Tapped openings are provided for draining and gauge connections. Double volute design where radial loads demand. Center-line discharge allows self venting preventing possible pump failures due to vapor lock.

▶Impeller
Balanced impeller designed with balancing chamber and pressure relief holes in the impeller reduce axial thrusts to a minimum, ensuring smooth performance and long life.

▶Motor
The motor is equipped with heavy duty, grease-lubricated ball bearings adequately rated to accommodate impeller radial loads and residual hydraulic thrusts.



▶Mechanical Seal
Self-lubricating mechanical seal prevents liquid seepage. A carbon face rotating against a stationary O-ring silicone carbide seat provides positive sealing up to full design pressure. Higher temperature construction also available.

▶Bracket
A heavy cylindrical bracket with 360 degree register on both flanges provides a rigid union of pump and motor and establishes perfect alignment.

▶Shaft
The impeller is mounted on an extension of the motor shaft with minimum overhang. A shaft sleeve affords protection in the wetted area.

▶Design Features

- ▶ Easy maintenance due to back pull-out design.
- ▶ Extensive interchangeability of parts.
- ▶ Manufactured and inspected to rigid standards.
- ▶ Quiet operation.
- ▶ Self venting center-line discharge.
- ▶ Confined casing gasket.
- ▶ Drilled and tapped gauge connections are standard on suction and discharge ports.
- ▶ Mount with motor feet, or motor and pump feet for convenience.