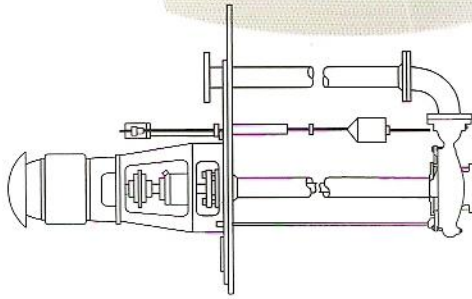


Model SREM Vertical Sump



Sizes: 1-1/2" to 12" Discharge
Flows: 9000 GPM
Heads: 450 Feet TDH
Temp: 250° F
Pit Depths: 25' Settings

Services:

- Sump Wastes
- Drainage
- Industrial Process
- Tank Unloading
- Leachate Recovery
- Bilge
- Condensate Recovery
- Lift Stations

Motor

- Stocked C-face for quick delivery

Thrust Bearing Housing

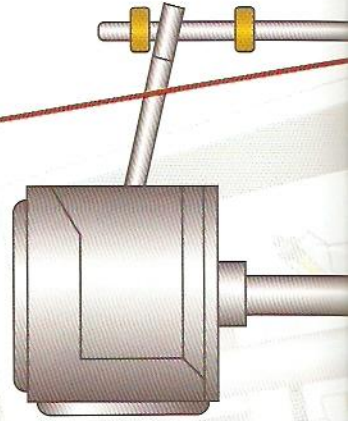
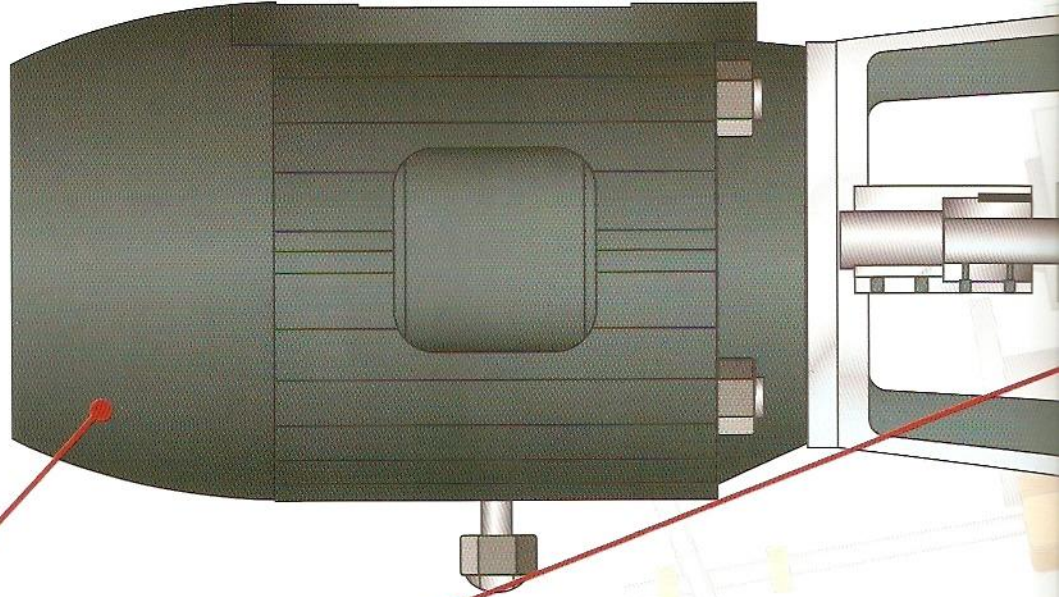
- Integral thrust bearing housing featuring simplex bearing or optional duplex bearing
- Optional stuffing box

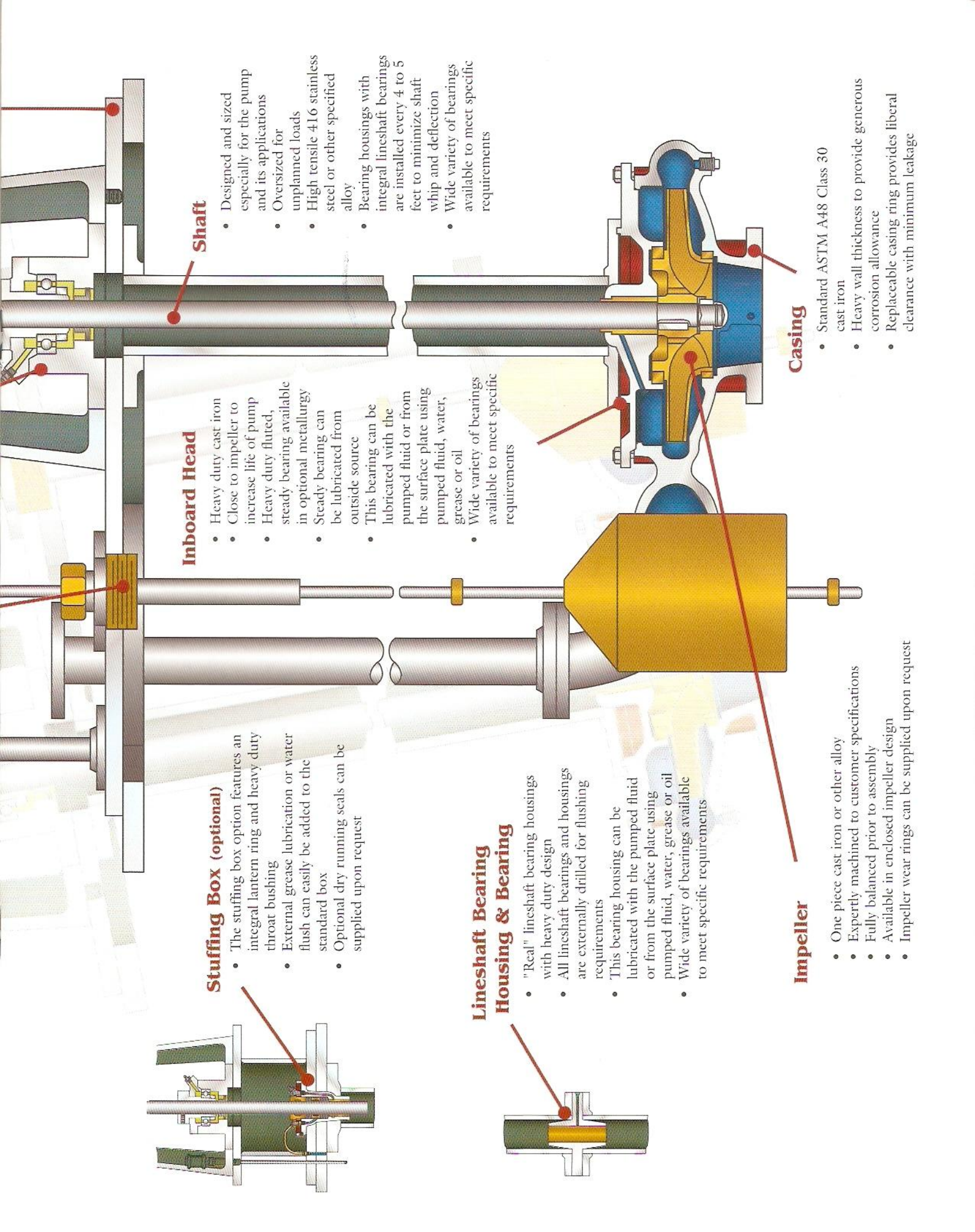
Float Rod Stuffing Box (optional)

- Used for gas tight applications
- Constructed of bronze or other specified alloy

Teardrop Baseplate

- Eliminates removing entire coverplate for servicing pump
- Motor pedestal, thrust bearing housing, discharge pipe, optional float switch and optional stuffing box all mount to baseplate





Stuffing Box (optional)

- The stuffing box option features an integral lantern ring and heavy duty throat bushing
- External grease lubrication or water flush can easily be added to the standard box
- Optional dry running seals can be supplied upon request

Inboard Head

- Heavy duty cast iron
- Close to impeller to increase life of pump
- Heavy duty fluted, steady bearing available in optional metallurgy
- Steady bearing can be lubricated from outside source
- This bearing can be lubricated with the pumped fluid or from the surface plate using pumped fluid, water, grease or oil
- Wide variety of bearings available to meet specific requirements

Shaft

- Designed and sized especially for the pump and its applications
- Oversized for unplanned loads
- High tensile 416 stainless steel or other specified alloy
- Bearing housings with integral lineshaft bearings are installed every 4 to 5 feet to minimize shaft whip and deflection
- Wide variety of bearings available to meet specific requirements

Lineshaft Bearing Housing & Bearing

- "Real" lineshaft bearing housings with heavy duty design
- All lineshaft bearings and housings are externally drilled for flushing requirements
- This bearing housing can be lubricated with the pumped fluid or from the surface plate using pumped fluid, water, grease or oil
- Wide variety of bearings available to meet specific requirements

Impeller

- One piece cast iron or other alloy
- Expertly machined to customer specifications
- Fully balanced prior to assembly
- Available in enclosed impeller design
- Impeller wear rings can be supplied upon request

Casing

- Standard ASTM A48 Class 30 cast iron
- Heavy wall thickness to provide generous corrosion allowance
- Replaceable casing ring provides liberal clearance with minimum leakage