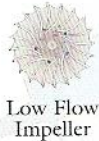
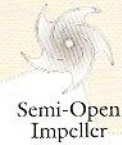
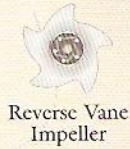
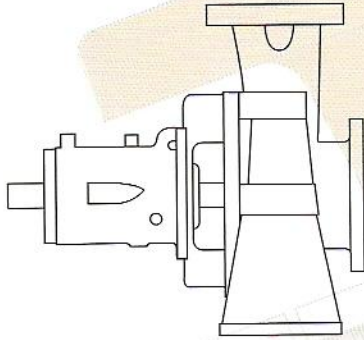


Model OSO Hot Oil Pump



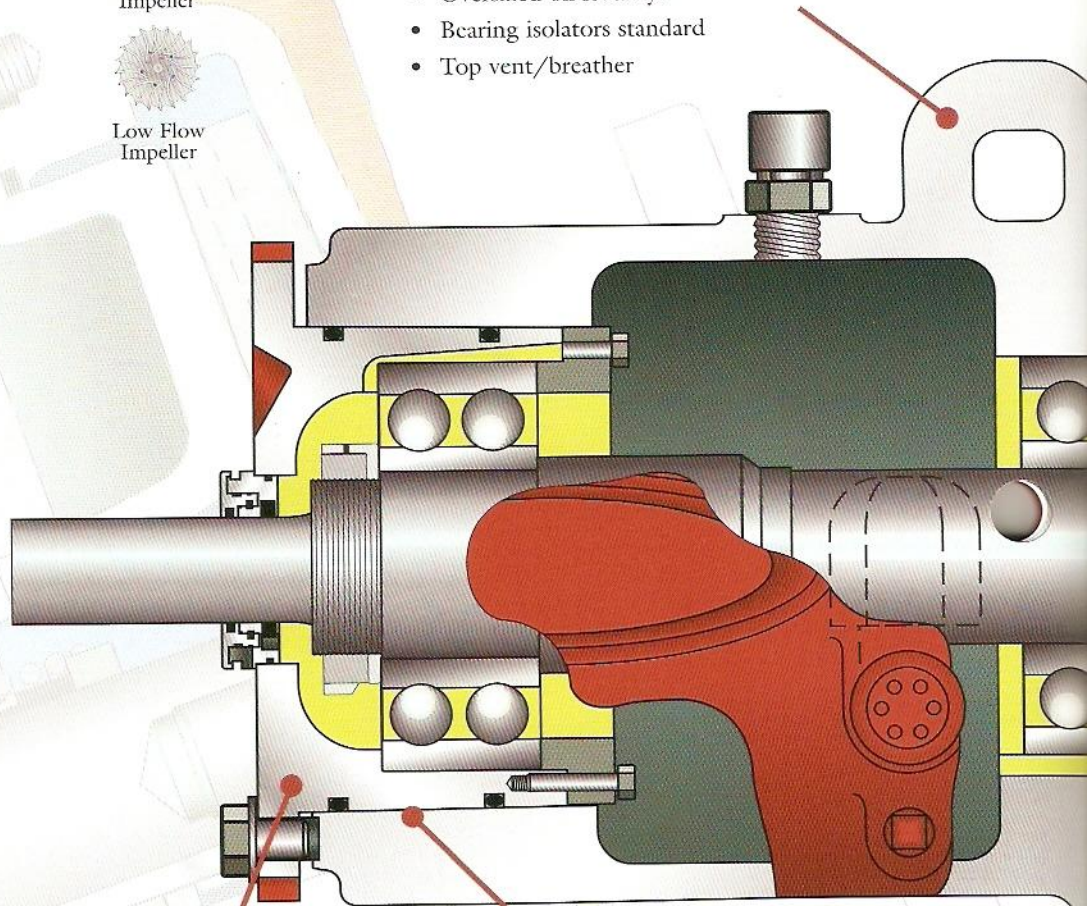
Flows To: 7,400 GPM
Heads To: 985 Feet
Temps To: 800° F

Markets:

-  Chemical
-  Food & Beverage
-  General Industry
-  Marine
-  Mining & Aggregate
-  Oil & Gas
-  Power Generation
-  Petro-Chemical
-  Pharmaceutical
-  Pulp & Paper
-  Water & Wastewater

Power Frame

- Heavy duty ductile iron
- Single row inboard and double row outboard bearings
- Oil lubricated with extra large oil sump
- Oversized oil level eye
- Bearing isolators standard
- Top vent/breather

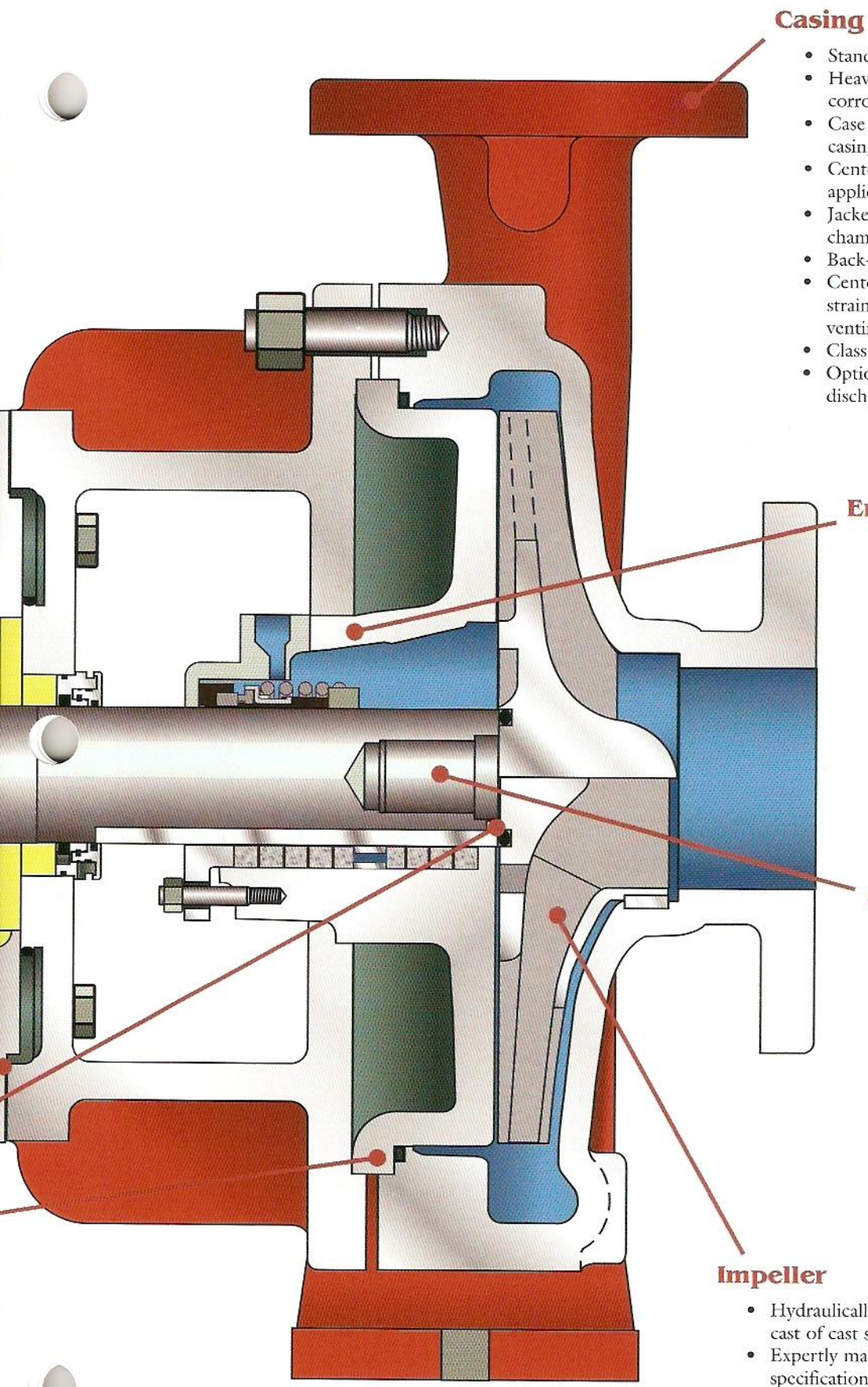


Power Frame Adjustment

- Micro-millimeter shaft and impeller adjustment
- Accurately set impeller clearance in 15 to 20 seconds
- Optional angular contact bearings for the most demanding applications

Alignment

- Four precision machined metal-to-metal fit locations (other manufacturers offer only two)
- Precision machined metal-to-metal bearing carrier reduces stack-ups to improve shaft concentricity



Casing

- Standard cast steel or other specified material
- Heavy wall thickness to provide for generous corrosion allowance
- Case wear ring standard to extend life of the casing
- Centerline support for high temperature applications
- Jacketed risers to aid in cooling of the fluid chamber
- Back-pull-out for case in service
- Centerline discharge transmits residual pipe strain to feet of casing and allows for self venting
- Class 300 pound flat face flanges standard
- Optional 300# raised face suction and discharge flanges

Engineered Seal Chambers

- Five (5) seal chambers available depending on application (FML, FMS, FMI, CBL & CBS)
- Extend mechanical seal life
- Utilize less expensive seals and flush plans
- Improve pump reliability
- Optional packing for abrasive applications
- Optional jacketed seal chambers

Shaft

- Designed and sized especially for the pump and its applications
- Investment cast or high alloy bar stock available
- Solid, hook sleeve, friction welded or composite shafts available
- Offset keyways to aid shaft balance
- Runout of <math><0.001</math> inches at mechanical seal allows seal faces to run true

Impeller

- Hydraulically balanced one piece investment cast of cast steel or other alloy
- Expertly machined to customer specifications
- Fully balanced prior to assembly
- Exclusive reverse vane design that offers repeatable pump performance
- Impeller wear ring standard
- Optional front semi-open impeller