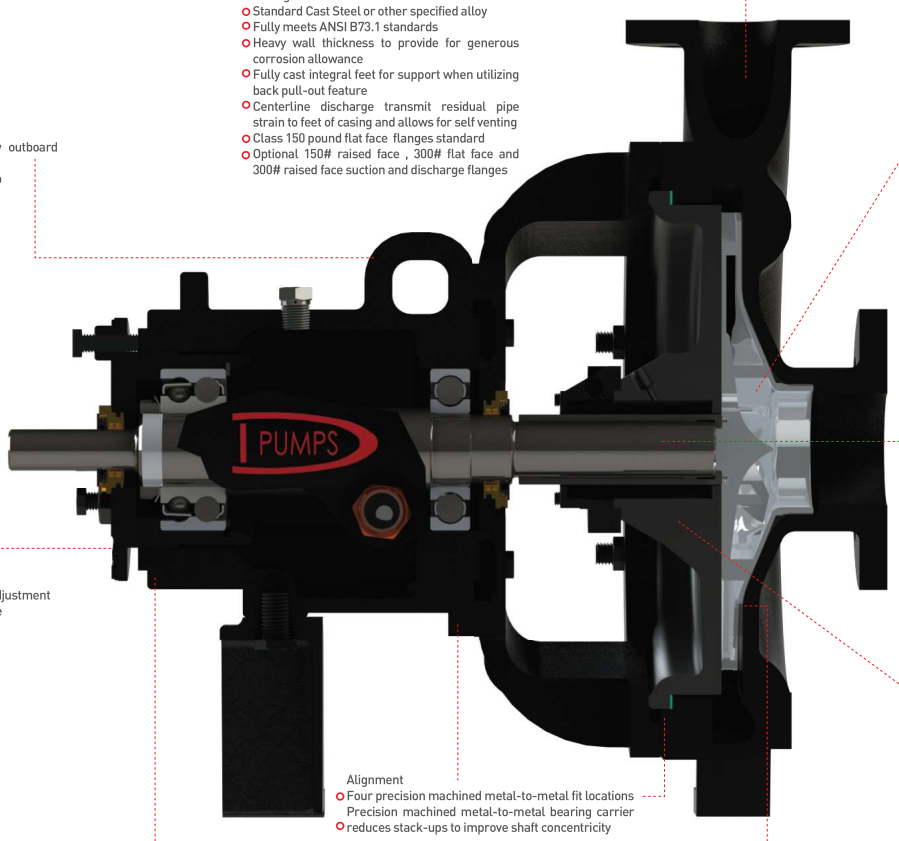
Casing
- Standard Cast Steel or other specified alloy
- Fully meets ANSI B73.1 standards
- Heavy wall thickness to provide for generous corrosion allowance
- Fully cast integral feet for support when utilizing back pull-out feature
- Centerline discharge transmit residual pipe strain to feet of casing and allows for self venting
- Class 150 pound flat face flanges standard
- Optional 150# raised face , 300# flat face and 300# raised face suction and discharge flanges

Power End
- Single row inboard and double row outboard bearings
- Oil lubricated with extra large oil sump
- Oversized oil level eye
- Double lip oil seals
- Top vent/breather



Impeller
- Statically balanced one piece investment 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
- Optional front semi-open impeller

Shaft
- Designed and sized especially for the pump and its applications
- Solid, hook sleeve.
- Offset keyways to aid shaft balance
- Runout of ←0.001 inches at mechanical seal allows seal faces to run true

Carrier
- Micrometer shaft and impeller adjustment
- Accurately set impeller clearance

Cover
- Four cover type available depending on application (CBS, CBL, FML & FMS)
- Extend mechanical seal life
- Utilize less expensive seals and flush plans
- Improve pump reliability
- Optional packing
- Optional jacketed

Alignment
- Four precision machined metal-to-metal fit locations
- Precision machined metal-to-metal bearing carrier reduces stack-ups to improve shaft concentricity

D PUMPS