

# SERIES 4810/4820/4830

# THRUST BEARING

# HOUSING

FRANCIS/MIXED/AXIAL FLOW

## DRIVER

- Vertical holloshaft (VHS), vertical solid shaft (VSS) or right angle gear drive (RAG)(when Diesel engine driven) driver construction
- Options include non-reverse ratchet (NRR) or self release coupling (SRC)

## FLANGED COUPLINGS

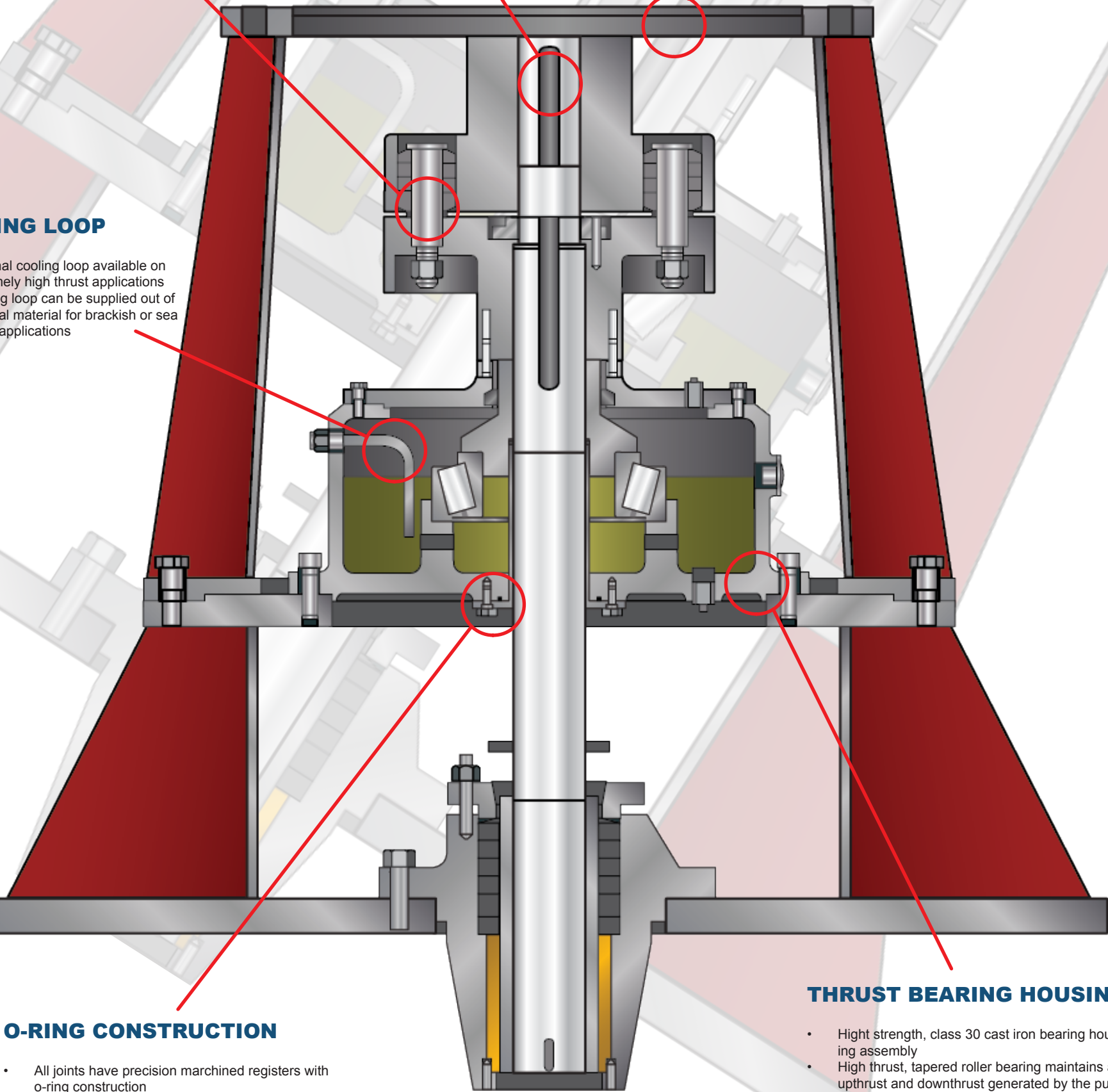
- Heavy duty flanged lineshaft couplings
- Dual keyed design to maintain axial setting of the lineshaft assembly

## COOLING LOOP

- Optional cooling loop available on extremely high thrust applications
- Cooling loop can be supplied out of optional material for brackish or sea water applications

## FABRICATED THRUST STAND

- High strength cast steel thrust stand for superior strength
- Houses the thrust bearing assembly and coupling
- Standard design does not require an adjustable coupling reducing installation costs
- High ring base ensures ample room for thrust bearing housing inspection and coupling installation



## O-RING CONSTRUCTION

- All joints have precision machined registers with o-ring construction

## THRUST BEARING HOUSING

- High strength, class 30 cast iron bearing housing assembly
- High thrust, tapered roller bearing maintains all upthrust and downthrust generated by the pump with no transmission to the driver.
- Oil lubricated for superior cooling and long life