

# SERIES 5020

## MODEL VI

### CLOSE-COUPLED VERTICAL INLINE

Sizes: 2" to 6" Discharge  
Flows: 50 GPM to 1,500 GPM  
Heads: 40 PSI to 198 PSI  
Temp: To 250°F

**Services:**  
Fire Protection

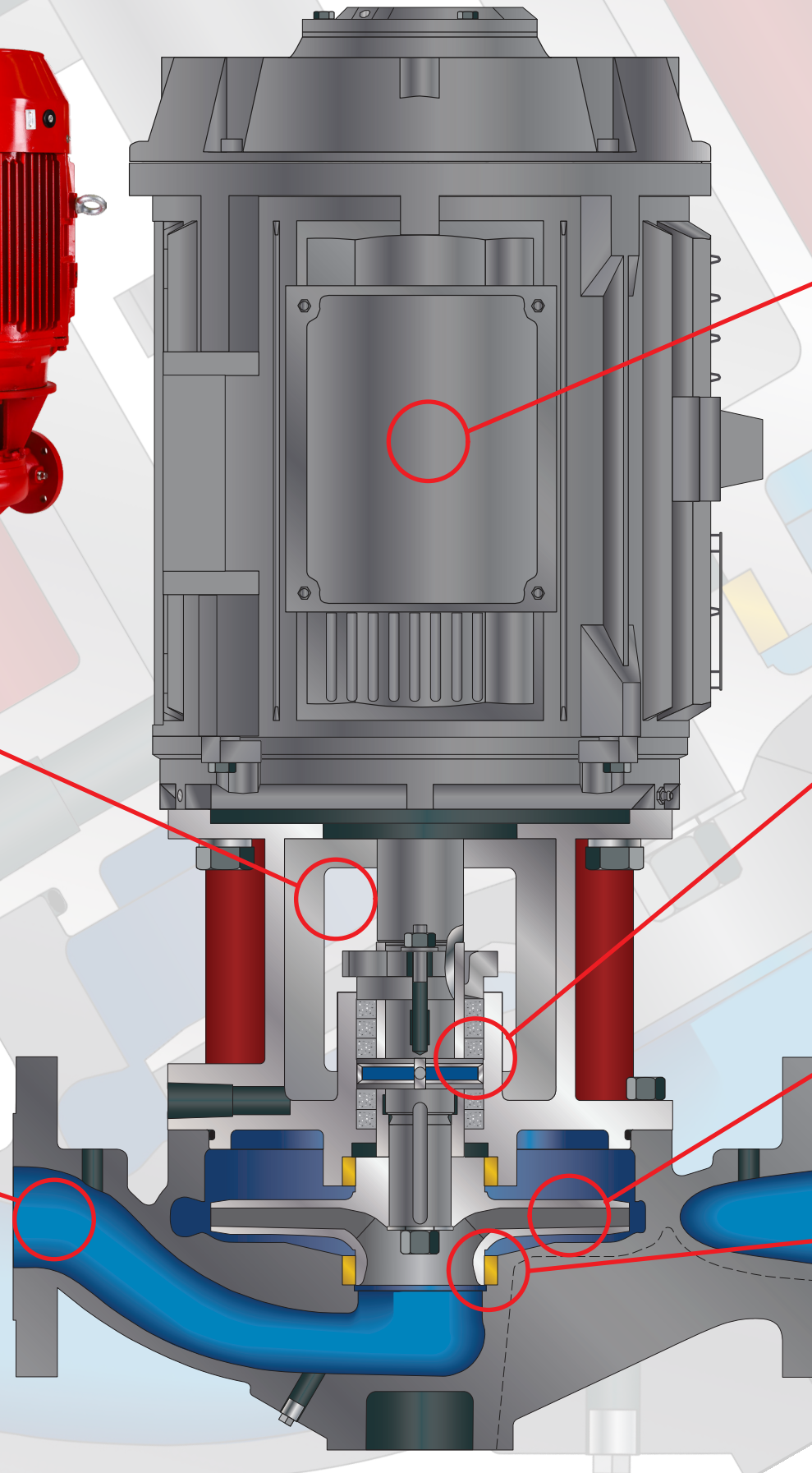


#### COUPLING GUARD

- 304 stainless steel coupling guard provides complete safety from the entire packing gland assembly
- Easily removable for packing adjustment or replacement

#### CASING

- Supplied standard in ASTM A536 ductile iron
- Heavy wall thickness for corrosion allowance and high pressure applications
- Centerline suction & discharge makes system installation very easy
- Cast integral vortex suppressor on suction inlet designed to reduce vortexing of fluid prior to it entering the impeller eye
- Threaded taps for gauges and pressure relief valve
- Back pull-out construction allows for rotating assembly maintenance without the need to disconnect suction or discharge piping
- Suction & discharge gauge package with 304 stainless steel buffer tube, fittings and ball valves
- Suction and discharge flanges supplied in 125 PSI rating with optional 250 PSI upon request



#### MOTOR

- Standard and readily available JP frame motor
- Available in ODP or TEFC enclosures
- All voltages available (115, 208, 230, 380, 460 & 575 volt)
- 50 or 60 cycle motors available for installation in any country

#### REAR COVER

- Supplied standard with graphite braided packing
- Flush port ensures that the 304 stainless steel lantern ring has adequate lubrication provided to the packing
- Investment cast, 304 stainless steel gland assembly and shaft sleeve as standard construction
- Shaft deflector provided to stop packing leakage from entering motor assembly
- Stuffing box basin has drilled and tapped drain for connection to waste

#### IMPELLER

- Supplied standard in investment cast, 304 stainless steel
- Machined and dynamically balanced prior to assembly
- Hydraulically balanced to minimize axial thrust

#### CASE WEAR RING

- Supplied standard in bronze or other specified alloy
- Wear ring can be easily removed and replaced to renew factory running clearances