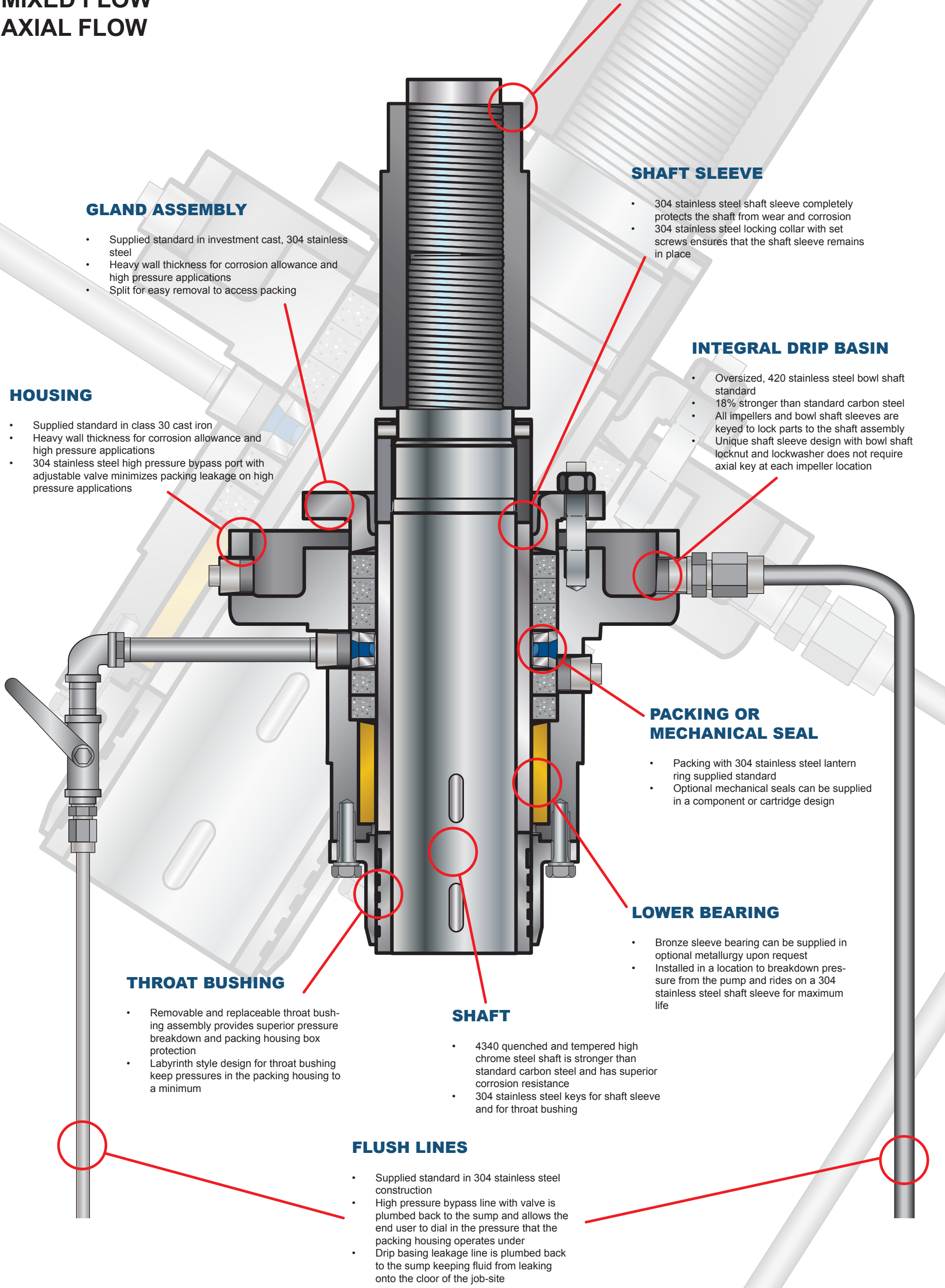


# SERIES 4810/4820/4830/5040 STUFFING BOX

VERTICAL TURBINE  
MIXED FLOW  
AXIAL FLOW



**GLAND ASSEMBLY**

- Supplied standard in investment cast, 304 stainless steel
- Heavy wall thickness for corrosion allowance and high pressure applications
- Split for easy removal to access packing

**HOUSING**

- Supplied standard in class 30 cast iron
- Heavy wall thickness for corrosion allowance and high pressure applications
- 304 stainless steel high pressure bypass port with adjustable valve minimizes packing leakage on high pressure applications

**LINESHAFT COUPLINGS**

- Threaded or flanges lineshaft couplings based on required horsepower
- Adjustable spacer couplings can be supplied upon request when using vertical solid shaft (VSS) motors

**SHAFT SLEEVE**

- 304 stainless steel shaft sleeve completely protects the shaft from wear and corrosion
- 304 stainless steel locking collar with set screws ensures that the shaft sleeve remains in place

**INTEGRAL DRIP BASIN**

- Oversized, 420 stainless steel bowl shaft standard
- 18% stronger than standard carbon steel
- All impellers and bowl shaft sleeves are keyed to lock parts to the shaft assembly
- Unique shaft sleeve design with bowl shaft locknut and lockwasher does not require axial key at each impeller location

**PACKING OR MECHANICAL SEAL**

- Packing with 304 stainless steel lantern ring supplied standard
- Optional mechanical seals can be supplied in a component or cartridge design

**LOWER BEARING**

- Bronze sleeve bearing can be supplied in optional metallurgy upon request
- Installed in a location to breakdown pressure from the pump and rides on a 304 stainless steel shaft sleeve for maximum life

**THROAT BUSHING**

- Removable and replaceable throat bushing assembly provides superior pressure breakdown and packing housing box protection
- Labyrinth style design for throat bushing keep pressures in the packing housing to a minimum

**SHAFT**

- 4340 quenched and tempered high chrome steel shaft is stronger than standard carbon steel and has superior corrosion resistance
- 304 stainless steel keys for shaft sleeve and for throat bushing

**FLUSH LINES**

- Supplied standard in 304 stainless steel construction
- High pressure bypass line with valve is plumbed back to the sump and allows the end user to dial in the pressure that the packing housing operates under
- Drip basing leakage line is plumbed back to the sump keeping fluid from leaking onto the floor of the job-site