# **SERIES 3024 MODEL EV**

SINGLE STAGE **VERTICAL-INLINE END SUCTION** 

Sizes: 2" to 14" Discharge

Flows: To 9,000 GPM

Heads: To 450 Feet

Temp: To 350°F

# **C-FACE MOTOR**

- · Complete back pull-out assembly allows for very easy servicing of the complete assembly
- Motors are available in ODP, TEFC and Explosion-Proof designs
- Readily available and stocked
- NEMA 56C to 449TC design using modular design and common components

### SHAFT ASSEMBLY

- 420 stainless steel steel shaft is stronger than standard carbon steel and has superior corrosion resistance
- Designed and sized specifically for the aggressive fire protection markets

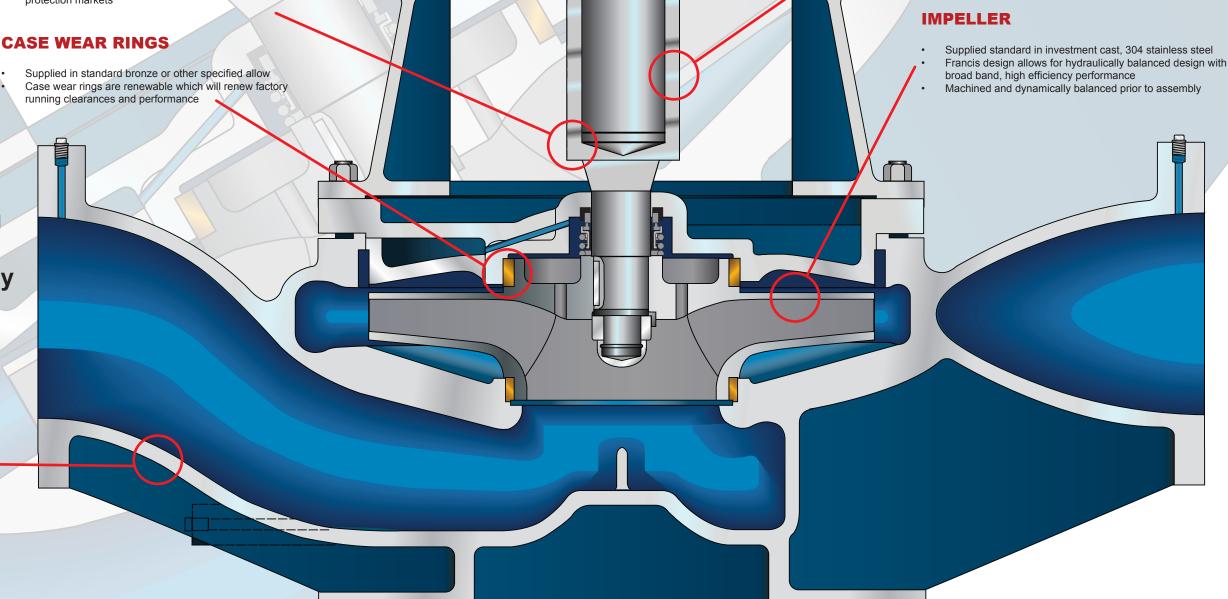
running clearances and performance

## Services:

**Cooling Water** Raw Water Intake **Sea Water** Industrial Process **Condenser Circulating Irrigation & Drainage Municipal Water Supply** 

### **CASING**

- Supplied standard in ASTM A48 class 30 cast iron
- Heavy wall thickness for corrosion allowance and high pressure applications
- Suction and discharge on same vertical centerline
- Axially split to permit complete access to the rotating
- Casing assembly design features pry bar locations to aid in the casing top removal
- Cast integral, vortex suppressor at impeller eye designed to reduce vortexing of fluid prior to it entering the impeller eye
- Threaded taps for gauges and pressure relief valve
- Dedicated cast base for proper casing support
- Internal flush plan for packing or mechanical seal
- Suction & discharge gauge package with 304 stainless steel buffer tube, fittings and ball valves
- Suction and discharge flanges supplied in 125 or 250 PSI rating for high pressure applications
- Alternate metallurgy options available upon request





**ROTATING ASSEMBLY** 

the shaft from wear and corrosion

suction impeller

components

Includes investment cast, 304 stainless steel, single

Modular design maximizes the sharing of common

304 stainless steel shaft sleeves completely protect

Packing, component, single cartridge and/or double

cartridge mechanical seals can be supplied upon