SERIES 3020 MODEL EF

SINGLE STAGE **FLEX-COUPLED END SUCTION**

Sizes: 1.25" to 24" Discharge Flows: To 24,000 GPM Heads: To 450 Feet Temp: To 350°F

Services:

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

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

CASE WEAR RINGS

 Supplied in standard bronze or other specified allow Case wear rings are renewable which will renew factory running clearances and performance

IMPELLER

- Supplied standard in investment cast, 304 stainless steel
- Francis design allows for hydraulically balanced design with broad band, high efficiency performance Machined and dynamically balanced prior to assembly



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CASING

- Supplied standard in ASTM A48 class 30 cast iron Heavy wall thickness for corrosion allowance and high pressure applications
- Axially split to permit complete access to the rotating assembly
- 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 feet for proper casing support
- Internal flush plan for packing or mechanical seal lubrication
- 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

