

Construction Features
**Vertical Turbine
 Fire Pump**

Type	Vertical Multi-Stage Turbine
Rotation	Counter-clockwise, Viewed from Driven End
Bowls	Diffuser Type, Suction Case and Intermediate Bowls with Wearing Rings, Suction Threaded, for Strainer or Flared for Clip On Strainer
Impellers	Enclosed Type, Single Suction
Bearings, Bowl	Sleeve Type, Water Lubricated
Shaft, Bowl	Water Lubricated
Column Pipe	Threaded
Coupling, Column Pipe	Threaded, Sleeve Type
Shaft, Line	Open, Water Lubricated (1)
Coupling, Lineshaft	Thread or Flanged connection, Surface Type (Refer to Factory)
Sleeve, Lineshaft	Straight
Bearing, Lineshaft	Straight, Water Lubricated (1)
Retainer, Bearing	One Piece Cast, Inter-Locked by Column Joints (For open water-lubricated) (1)
Foundation Plate	Suitable for Grouting, with Discharge Head Mounting Surface
Discharge Head	Flanged Connection, Surface Type
Stuffing Box	Packed, with Bushing and Seal Tap
Gland	One Piece
Auxiliary Connections, Discharge Head	Heat Exchanger and Packing Box Drain
Coupling, Driver	Gib Key with Locknut
Strainer	Threaded, Basket or Cornucopia; Clip-On Basket

(1) Oil lubricated when static water level is 50 to 200 feet below datum. Water level datum greater than 200 feet is not approved for fire pump service.