

TYPE

MST

VERTICAL MULTI-STAGE
TURBINE PUMPS

FEATURES

TYPE MST PUMPS ARE OF THE VERTICAL MULTI-STAGE TURBINE DESIGN.

THE DISCHARGE HEAD IS CAST IRON AND FITTED WITH A MECHANICAL SHAFT SEAL. THE TWO PIECE HEAD SHAFT HAS A THREADED COUPLING, LOCATED ABOVE THE SEAL CHAMBER. BOWL ASSEMBLIES ARE STANDARD FITTED WITH CAST IRON ENAMELLED BOWLS, BRONZE BOWL BEARINGS, BRONZE IMPELLERS, 416 STAINLESS STEEL PUMP SHAFT AND TAPERED STEEL LOCK COLLETTES. THE SUCTION BARREL IS OF CARBON STEEL WITH FLANGED SUCTION CONNECTION AND STEEL FLOOR MOUNTING PLATE.

TYPE MST PUMPS ARE DRIVEN BY VERTICAL HOLLOW-SHAFT MOTORS OPERATING AT 3450 R.P.M. THE STANDARD MST MOTOR ENCLOSURE IS WEATHER PROTECTED (NEMA WPI). TOTALLY ENCLOSED FAN-COOLED AND EXPLOSION PROOF ENCLOSURES ARE ALSO AVAILABLE. MOTORS ARE FITTED WITH STABILIZING BUSHING AND ARE RATED 3/60/200V. OR 3/60/230/460V.

SUGGESTED SPECIFICATION

FURNISH AND INSTALL AS SHOWN ON PLANS, FEDERAL PUMP CORPORATION MODEL MST-_____ VERTICAL MULTI-STAGE TURBINE PUMPS. (EACH) PUMP TO BE RATED _____ GPM AT _____ FT. TDH AND TO HAVE _____ STAGES. PUMPS SHALL HAVE CAST IRON DISCHARGE HEAD WITH MECHANICAL SHAFT SEAL, A TWO PIECE HEAD SHAFT WITH THREADED COUPLING, CAST IRON ENAMELLED BOWLS, BRONZE BOWL BEARINGS, BRONZE IMPELLERS, STAINLESS STEEL PUMP SHAFT, TAPERED STEEL LOCK COLLETTES, CARBON STEEL SUCTION BARREL WITH FLANGED SUCTION CONNECTION AND STEEL FLOOR MOUNTING PLATE. (EACH) PUMP SHALL BE DRIVEN BY A VERTICAL HOLLOW-SHAFT MOTOR, _____ HP, _____ PH., _____ CY., _____ VOLTS, 3450 R.P.M., IN WEATHER PROTECTED ENCLOSURE (NEMA WPI), WITH STABILIZING BUSHING.

