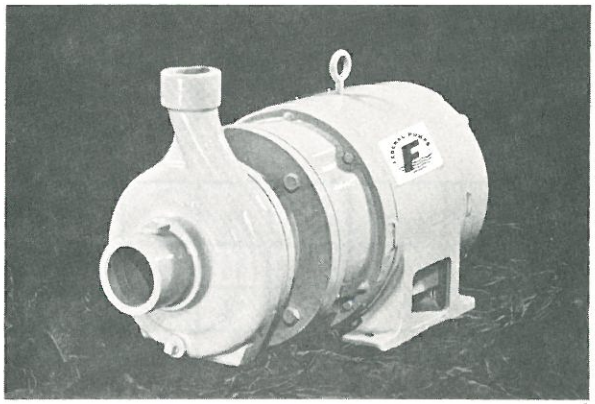
TYPE
CCW
CGW
CKW

LOW N.P.S.H.- TWO STAGE CLOSE-COUPLED PUMPS

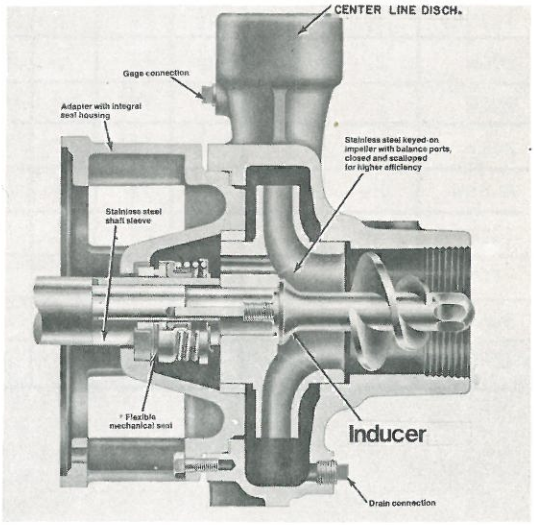


FEATURES

FEDERAL TYPES CCW, CGW AND CKW PUMPS ARE OF CLOSE-COUPLED TWO-STAGE DESIGN REQUIRING VERY LOW NET POSITIVE SUCTION HEAD AVAILABILITY. THE FIRST STAGE IS THE N.P.S.H. INDUCER IMPELLER AND THE SECOND STAGE IS THE MAIN PUMPING IMPELLER.

BOTH IMPELLERS, AS WELL AS THE SHAFT SLEEVE, ARE OF STAINLESS STEEL CONSTRUCTION. THE CASING AND SEAL HOUSING ARE CAST IRON; THE MECHANICAL SHAFT SEAL HAS STAINLESS STEEL METAL PARTS, BUNA BELLOWS AND CARBON AND NI-RESIST FACES. MAXIMUM PUMP WORKING PRESSURE IS 175 PSI. MAXIMUM PUMP WORKING TEMPERATURE IS 250°F.

THE STANDARD MOTOR FURNISHED IS OF THE OPEN DRIP-PROOF (ODP) BALL BEARING DESIGN. TOTALLY ENCLOSED AND EXPLOSION-PROOF MOTORS ARE ALSO AVAILABLE. UNITS OPERATE AT BOTH 3450 AND 1750 R.P.M. AND MOTORS ARE AVAILABLE FOR 3-PHASE AND 1-PHASE SERVICE.



SUGGESTED SPECIFICATION

FURNISH AND INSTALL AS SHOWN ON PLANS A FEDERAL MODEL _____, TWO-STAGE, LOW N.P.S.H. CLOSE-COUPLED CENTRIFUGAL PUMP AND MOTOR UNIT, RATED _____G.P.M. AT _____FT. T.D.H. PUMP SHALL HAVE STAINLESS STEEL FIRST STAGE IMPELLER SPECIFICALLY DESIGNED FOR N.P.S.H. BOOSTING, STAINLESS STEEL MAIN PUMPING STAGE IMPELLER AND STAINLESS STEEL SHAFT SLEEVE. MECHANICAL SHAFT SEAL SHALL BE RATED UP TO 250°F. AND SHALL HAVE STAINLESS STEEL METAL PARTS, BUNA BELLOWS AND CARBON AND NI-RESIST FACES.

MOTOR SHALL BE _____H.P., _____PHASE, _____CYCLES, _____VOLTS, _____R.P.M., OPEN DRIP-PROOF (TOTALLY ENCLOSED; EXPLOSION-PROOF) BALL BEARING TYPE.