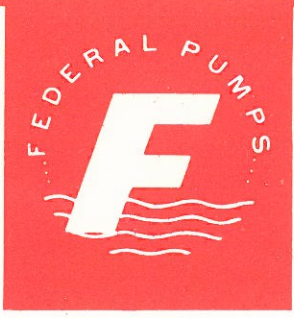


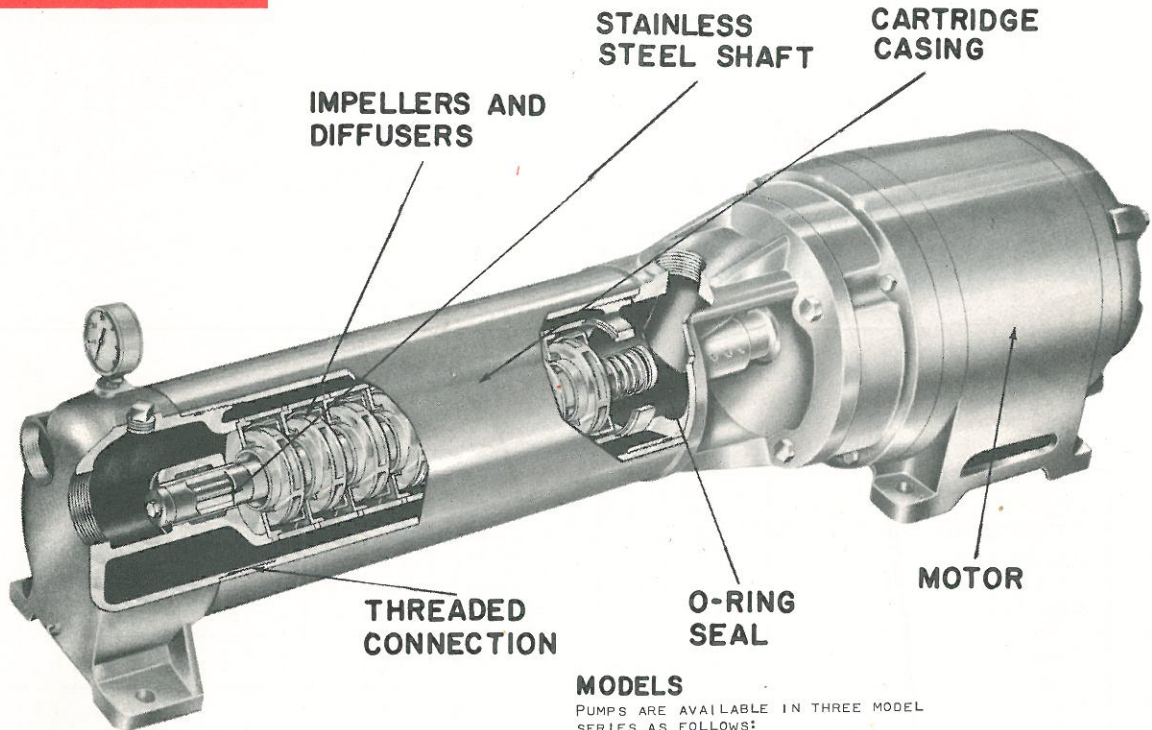
TYPE

MSJ

HORIZONTAL MULTI-STAGE  
JOCKEY PUMPS



- \* STEEP PERFORMANCE CURVES
- \* HIGH HEADS, LOW CAPACITIES
- \* LOW H.P. REQUIREMENTS
- \* JOCKEY PUMP SERVICE
- \* PRESSURE BOOSTER SERVICE
- \* CLOSE-COUPLED DESIGN
- \* 3450 R.P.M. OPERATION



**MODELS**

PUMPS ARE AVAILABLE IN THREE MODEL SERIES AS FOLLOWS:

MODEL	H.P.	NO. OF STAGES
MSJ-1 $\frac{1}{2}$ A-2-2	2	5
MSJ-1 $\frac{1}{2}$ A-3-2	3	8
MSJ-1 $\frac{1}{2}$ A-5-2	5	11
MSJ-1 $\frac{1}{2}$ B-2-2	2	3
MSJ-1 $\frac{1}{2}$ B-3-2	3	5
MSJ-1 $\frac{1}{2}$ B-5-2	5	8
MSJ-1 $\frac{1}{2}$ B-7 $\frac{1}{2}$ -2	7 $\frac{1}{2}$	11
MSJ-1 $\frac{1}{2}$ C-3-2	3	3
MSJ-1 $\frac{1}{2}$ C-5-2	5	5
MSJ-1 $\frac{1}{2}$ C-7 $\frac{1}{2}$ -2	7 $\frac{1}{2}$	10
MSJ-1 $\frac{1}{2}$ C-10-2	10	11

**PUMP**

HORIZONTAL SHAFT, MULTI-STAGE CENTRIFUGAL DESIGN TO PERMIT HIGH DISCHARGE PRESSURES AT LOW PUMPING CAPACITIES WITH MINIMUM H.P. MOTOR. IMPELLERS AND DIFFUSERS ARE PRECISION MOLDED POLY-CARBONATE. WEARING RINGS ARE STAINLESS STEEL, BEARINGS ARE BRONZE, RUNNING IN STAINLESS STEEL SLEEVES. PUMP CASING IS THREADED CARTRIDGE TYPE. MECHANICAL SHAFT SEAL PROVIDES LEAKLESS OPERATION. SHAFT IS STAINLESS STEEL. MAXIMUM OPERATING TEMPERATURE OF PUMP IS 160°F.

**MOTOR**

MOTORS ARE OF NEMA STANDARD DESIGN, FACE-MOUNTED TO PUMP, AND HAVE SPECIAL HIGH THRUST CAPACITY BEARINGS. MOTORS OPERATE AT 3450 R.P.M. AND ARE AVAILABLE 115/230V. SINGLE PHASE AND 230/460V. THREE PHASE.

**SUPPORT**

PUMP IS FIRMLY SUPPORTED BY INTEGRAL MOTOR LEGS PLUS INTEGRAL LEGS AT PUMP END.

**SUGGESTED SPECIFICATION**

FURNISH AND INSTALL AS SHOWN ON PLANS, FEDERAL PUMP CORPORATION TYPE MSJ-\_\_\_\_\_, HORIZONTAL, MULTI-STAGE, CENTRIFUGAL JOCKEY (BOOSTER) PUMP, RATED \_\_\_\_\_ G.P.M., AT \_\_\_\_\_ FT. T.D.H., AND TO HAVE \_\_\_\_\_ STAGES.

PUMP SHALL HAVE POLYCARBONATE IMPELLERS AND DIFFUSERS, STAINLESS STEEL SHAFT AND WEARING RINGS, BRONZE BEARINGS, STAINLESS STEEL SLEEVES, MECHANICAL SHAFT SEAL, AND THREADED PUMP CASING WITH O-RING GASKETS.

MOTOR SHALL BE HORIZONTAL, DRIP-PROOF TYPE, \_\_\_\_\_ H.P., \_\_\_\_\_ PHASE, \_\_\_\_\_ CYCLES, \_\_\_\_\_ VOLTS, 3450 R.P.M., FACE MOUNTED TO PUMP.

PUMP AND MOTOR UNIT SHALL BE SUPPORTED BY INTEGRAL LEGS UNDER PUMP END AND UNDER MOTOR.