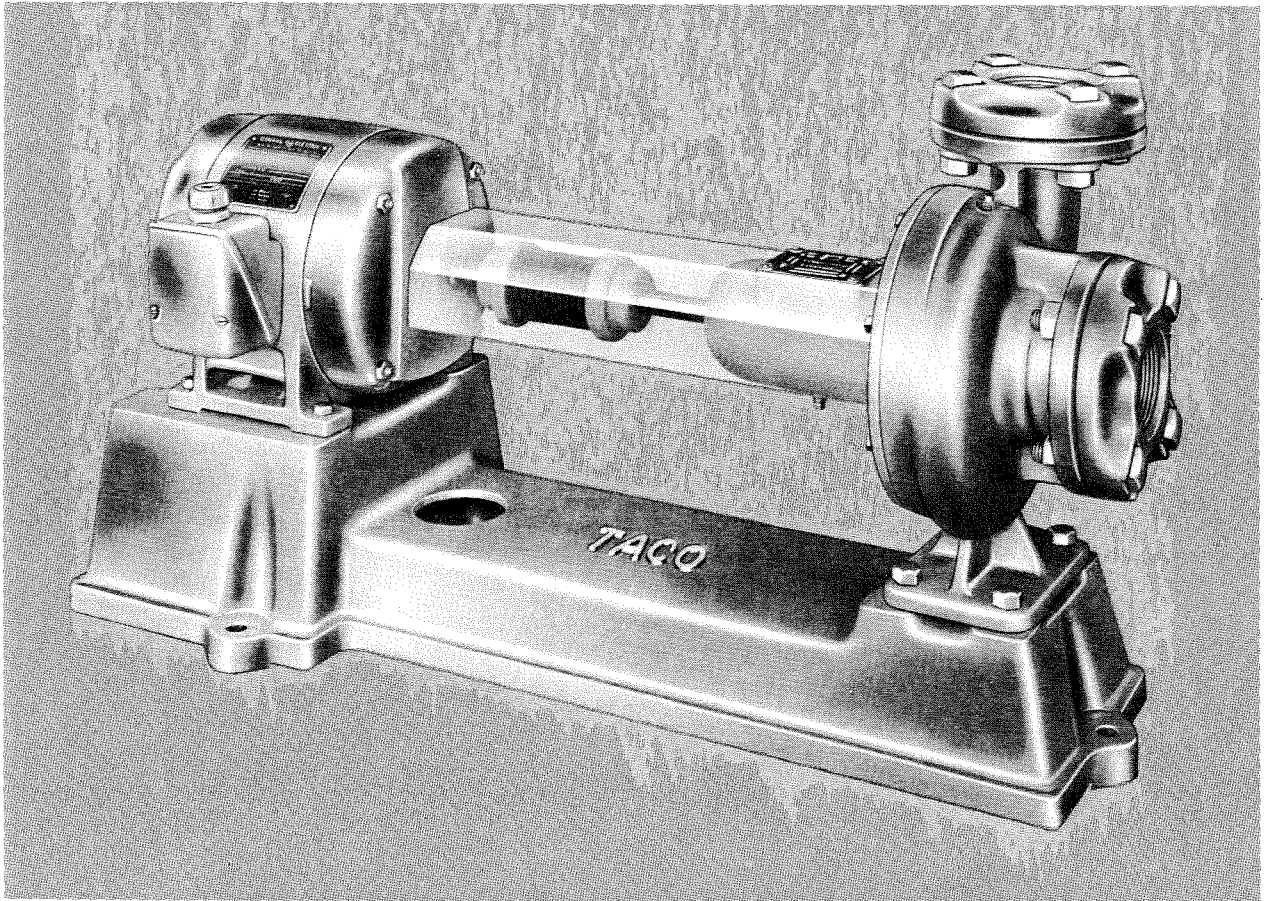


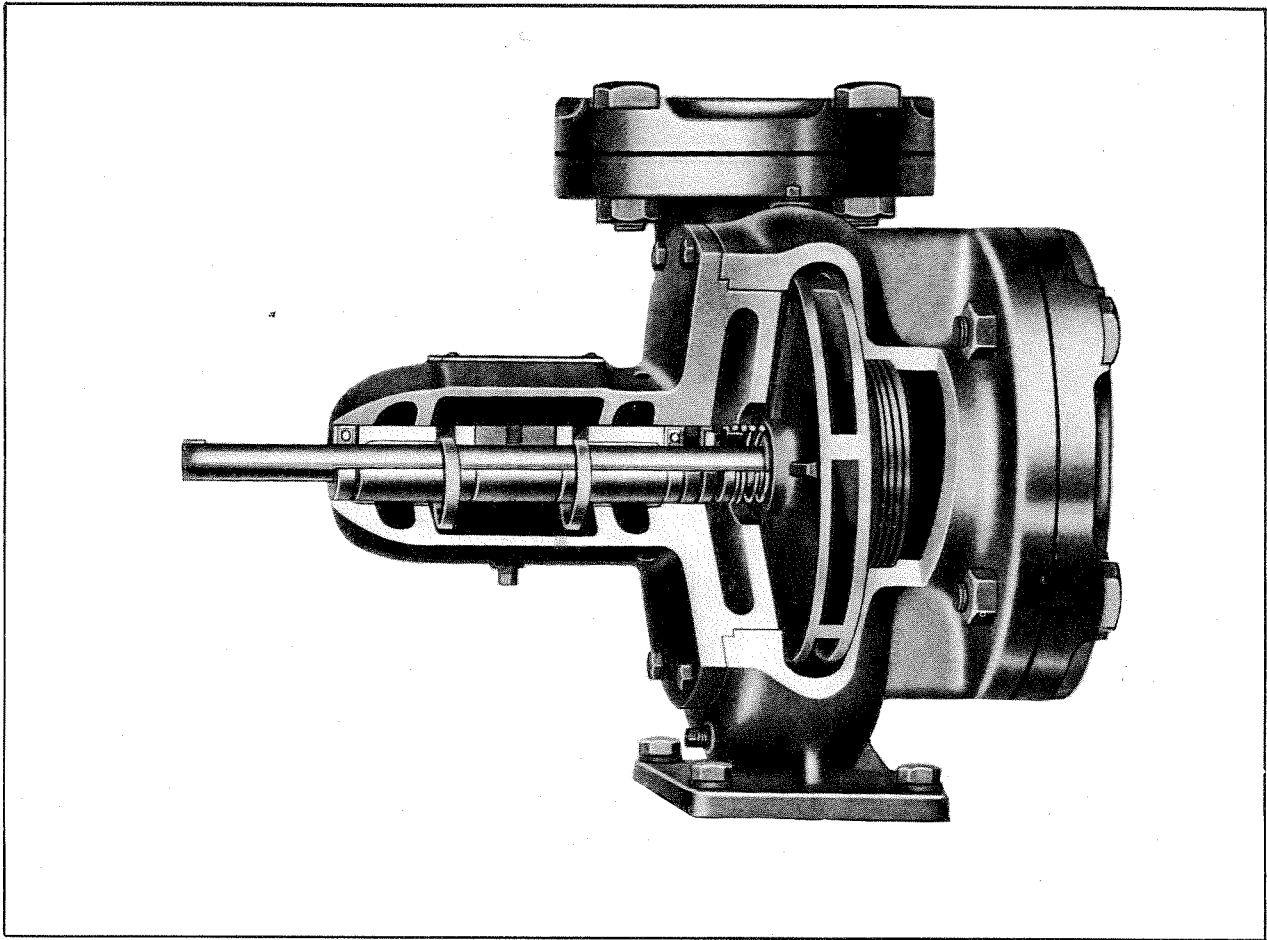
PURPOSE

The Taco MP Series Pump is specially designed to provide all the quality features so long associated with domestic home Taco Circulators in a pump for larger installations. The MP Series will operate quietly, without vibration and perform with complete dependability on the larger hot water heating and cooling systems requiring these characteristics.



FEATURES

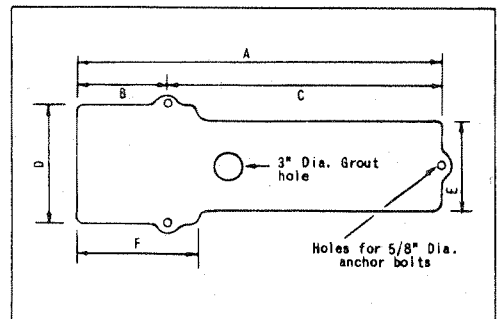
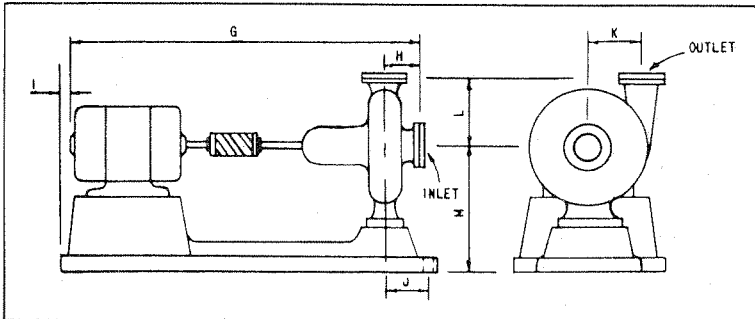
1. Water-tight, self-adjusting, self-lubricated mechanical seals.
2. Motors selected for quiet operation, equipped with oil lubricated bronze sleeve bearings.
3. Spring drive couplings which easily absorb starting torque and designed for safe, quiet operation.
4. Stainless steel impeller shaft, hardened and ground to a mirror finish for long life.
5. Bronze bearings in bracket, separated by a thrust collar attached to shaft, absorb all end thrust.
6. Oil bath circulating system with modern slinger rings, lift oil to both bearings.
7. Bearing bracket, impeller and shaft are completely removable without disturbing motor, volute or piping connections.
8. Closed type impeller of cast iron, dynamically balanced for smooth, noiseless operation and designed to eliminate hydraulic thrust.
9. Volute on body legs bolted directly to base, prevents piping strains from changing pump alignment.
10. Base of cast iron, designed with a three-point floor mounting to simplify leveling. Provision is also made to fill with concrete for sound deadening.



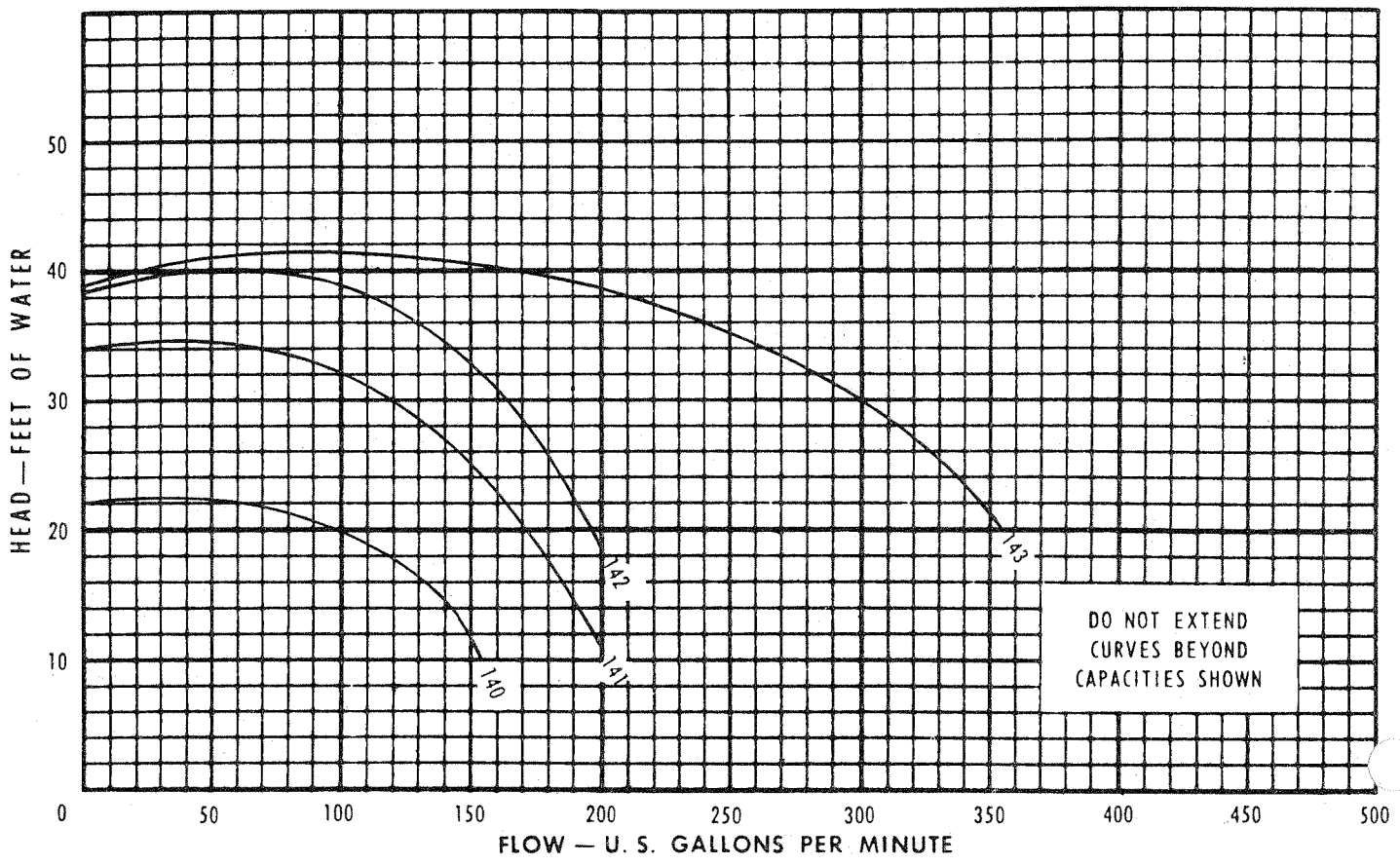
SIZES AND DIMENSIONS — INCHES

Product No.	Motor H.P.*	A	B	C	D	E	F	G	H	I	J	K	L	M	Inlet N.P.T.	Outlet N.P.T.
140	1	33 $\frac{3}{8}$	7 $\frac{3}{8}$	26	13	8 $\frac{7}{8}$	9 $\frac{7}{8}$	32	3 $\frac{3}{8}$	0	3 $\frac{3}{8}$	4 $\frac{1}{8}$	6	11	3	2 $\frac{1}{2}$
141	1 $\frac{1}{2}$	33 $\frac{3}{8}$	7 $\frac{3}{8}$	26	13	8 $\frac{7}{8}$	9 $\frac{7}{8}$	33	3 $\frac{3}{8}$	0	3 $\frac{3}{8}$	4 $\frac{1}{8}$	6	11	3	2 $\frac{1}{2}$
142	2	33 $\frac{3}{8}$	7 $\frac{3}{8}$	26	13	8 $\frac{7}{8}$	9 $\frac{7}{8}$	33	3 $\frac{3}{8}$	0	3 $\frac{3}{8}$	4 $\frac{1}{8}$	6	11	3	2 $\frac{1}{2}$
143	3	33 $\frac{3}{8}$	7 $\frac{3}{8}$	26	13	8 $\frac{7}{8}$	9 $\frac{7}{8}$	35 $\frac{3}{8}$	4 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{3}{8}$	5	6	11	4	3

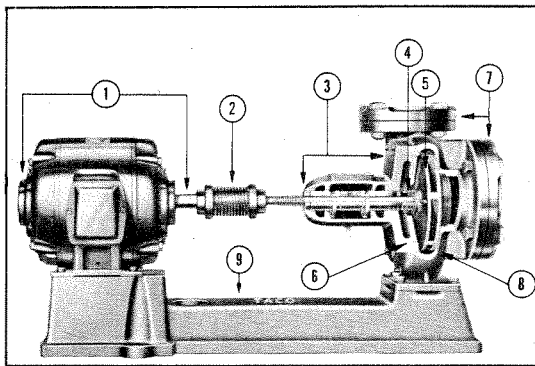
*Motors regularly furnished are 208, 220/440 Volt — 3 Phase — 60C — 1750 R.P.M. Single Phase and motors with other characteristics are available at extra cost. Starting switches, with overload protection, must be installed with each motor.



PERFORMANCE CURVES



PARTS LIST



Item No.	Part or Assembly	Assembly Comprises	No. Required
1	Motor	Motor and key (specify size)	1
2	Drive Coupling	Spring, Terminals and set screws	1
3	Bracket	Bracket, bearings, thrust collar, slinger rings, oil cup, plug, oil seals, lantern, nameplate and gasket	1
4	Seal	3 parts (set)	1
5	Impeller	Impeller, shaft and key	1
6	Body Gasket	Body gasket	1
7	Flanges	2 flanges, 2 gaskets, 4 bolts and nuts (specify size)	2 (1 set)
8	Body (Volute)	Body and gasket	1
9	Base	Base	1
10	Not illustrated	8- $\frac{3}{16}$ " x $\frac{13}{16}$ " Hex head screws for bolting bracket to body	8 (1 set)

