



SERIES 40 PUMPS

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RATED 40 G.P.M.

@540 R.P.M.

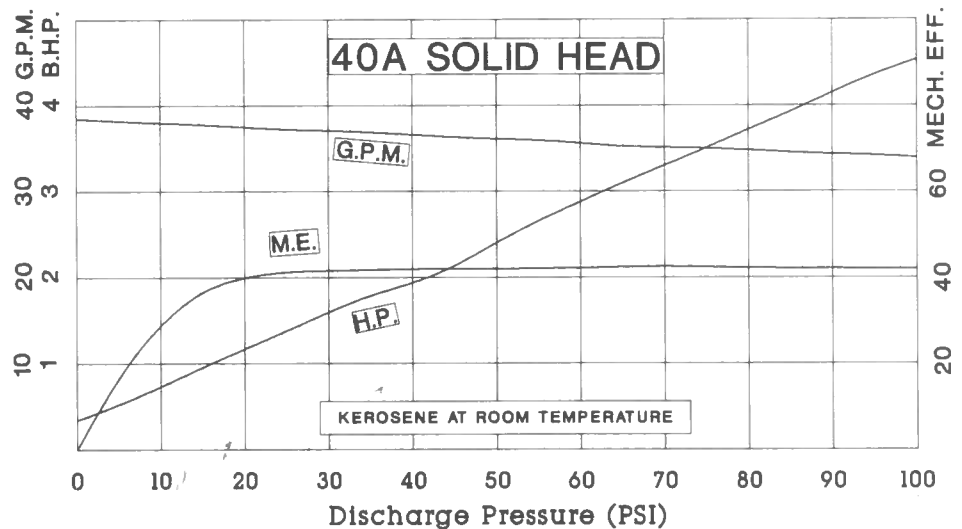
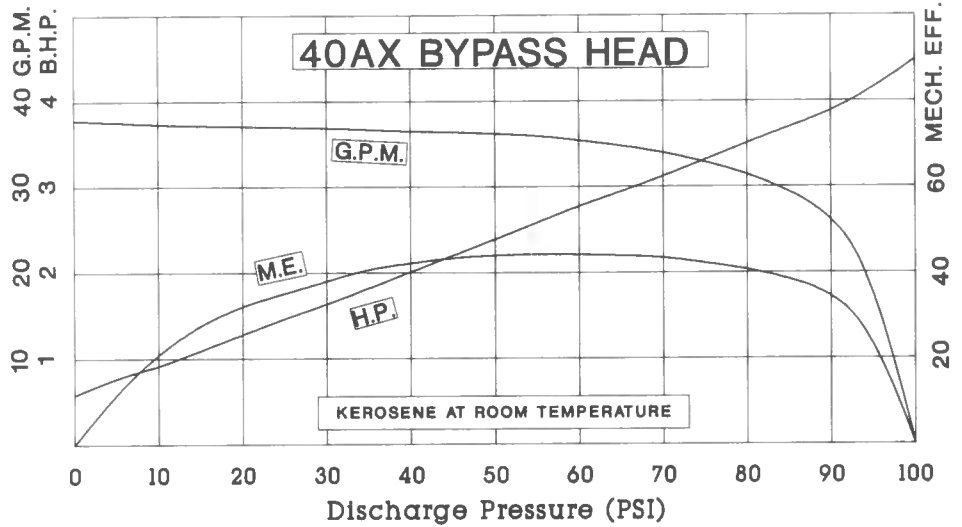
MAXIMUM RECOMMENDED PUMP SPEEDS FOR VARIOUS VISCOSITIES

SERIES 40			
Rating	40 GPM @ 540 RPM		
Displacement Factor	6.9 Gal./100 Revs.		
Port Size	1 1/2" x 1 1/2" THD NPT		
SSU / CPS	RPM	GPM	Suct.
40 / 4	600	42	1 1/2
100 / 20	600	42	1 1/2
400 / 78	590	41	1 1/2
600 / 125	580	40	1 1/2
800 / 165	570	39	1 1/2
1,000 / 200	560	38	1 1/2
1,600 / 335	540	37	1 1/2
2,000 / 410	530	36	2
3,000 / 620	500	34	2
5,000 / 1,060	480	33	2
8,000 / 1,700	440	30	2
9,000 / 1,900	420	29	2

For Viscosities Below, Pump Must Have Relieved Rotor Group (For Sticky, Tacky Fluids.)

Port Size	2" x 1 1/2" THD NPT		
10,000 / 2,150	500	34	2 1/2
15,000 / 3,100	480	31	3
20,000 / 4,250	440	28	3
30,000 / 6,500	380	25	3
40,000 / 8,610	320	21	3
50,000 / 10,800	280	15	3
75,000 / 16,210	210	11	3
100,000 / 21,625	150	8	3

GENERAL RULE: Viscous fluids which retain their "slipperiness" or which readily thin out with slight temperature increase or agitation do not require a relieved rotor group.



CAUTION: Suction piping diameter and length must be separately determined, regardless of pump port size, where (1) volatile liquids or (2) viscous pumpages are concerned. The sizes shown in the above chart are for suction lines no longer than 10 feet and containing no more than 2 pipe fittings.