



SERIES 80 PUMPS
RATED 80 G.P.M.
@540 R.P.M.

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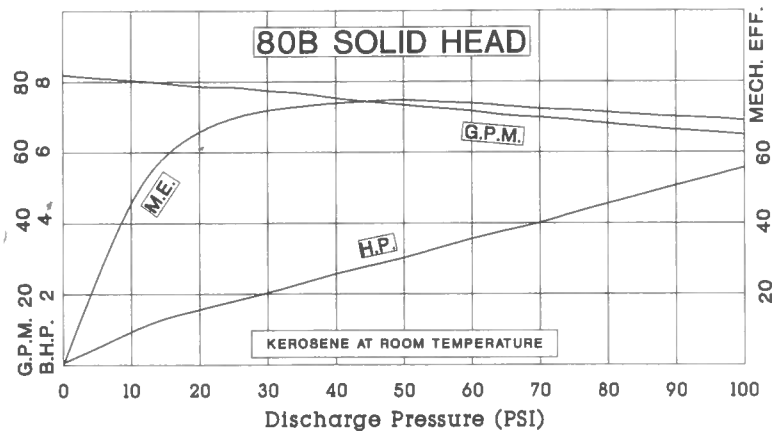
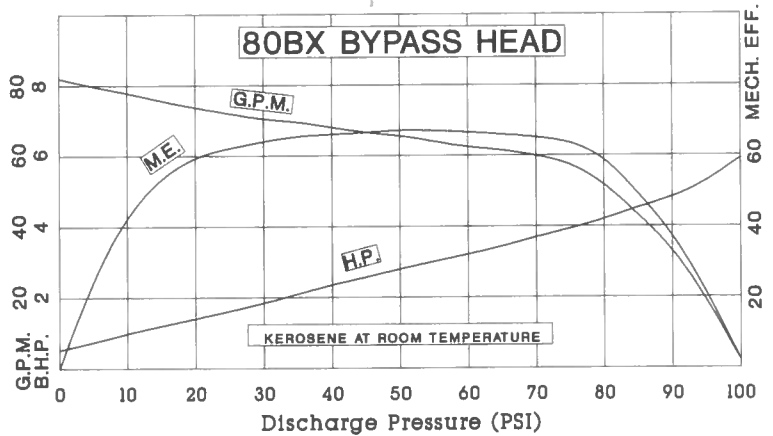
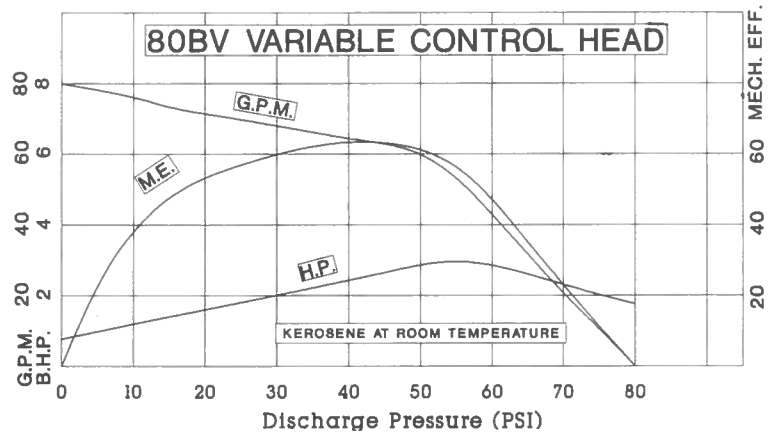
**MAXIMUM RECOMMENDED
 PUMP SPEEDS FOR
 VARIOUS VISCOSITIES**

SERIES 80	
Rating	80 GPM @ 540
Displacement Factor	14.8 Gals/100 Revs.
Port Size	Four 2" x 11-1/2 THD NPT
SSU / CPS	RPM GPM Suct.
40 / 4	600 88 2
100 / 20	600 88 2
400 / 78	590 87 2
600 / 125	588 86 2
800 / 165	570 84 2
1,000 / 200	560 83 2
1,600 / 335	540 80 2 1/2
2,000 / 410	530 79 2 1/2
3,000 / 620	510 75 2 1/2
5,000 / 1,060	470 70 2 1/2
8,000 / 1,700	440 65 2 1/2
9,000 / 1,900	420 62 2 1/2

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

Port Size	Four 2" x 11-1/2 THD NPT
10,000 / 2,150	410 61 3
15,000 / 3,100	370 55 3
20,000 / 4,250	330 49 3
30,000 / 6,500	280 41 4
40,000 / 8,610	230 34 4
50,000 / 10,800	190 28 4
75,000 / 16,210	130 19 4
100,000 / 21,625	100 15 4

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.