



# SERIES 20 PUMPS

RATED 20 G.P.M.

@ 1140 R.P.M.

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## MAXIMUM RECOMMENDED PUMP SPEEDS FOR VARIOUS VISCOSITIES

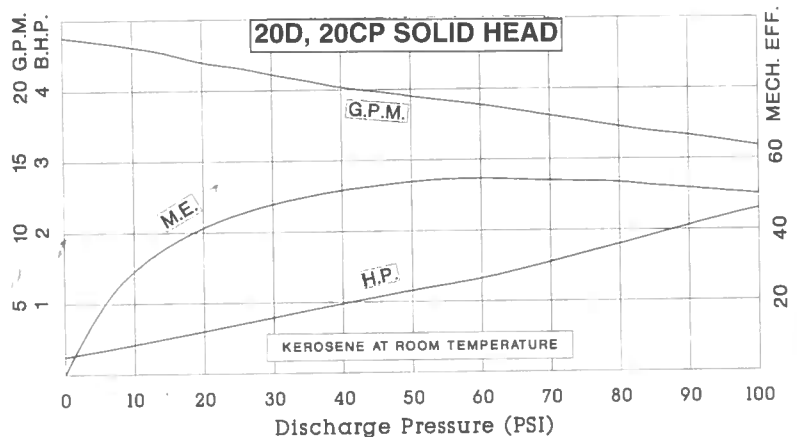
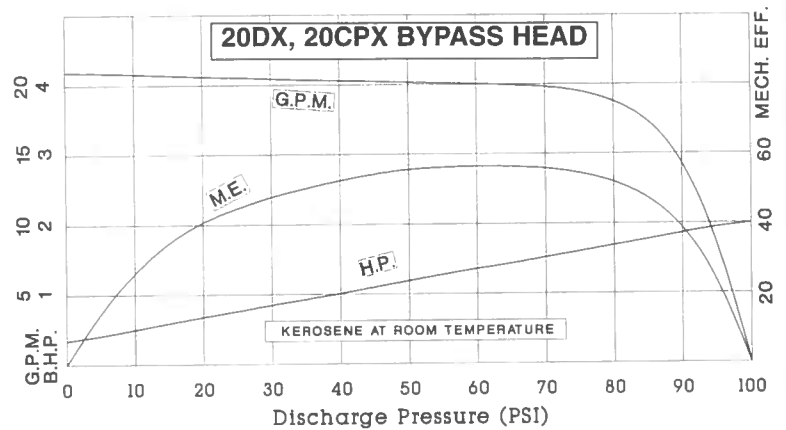
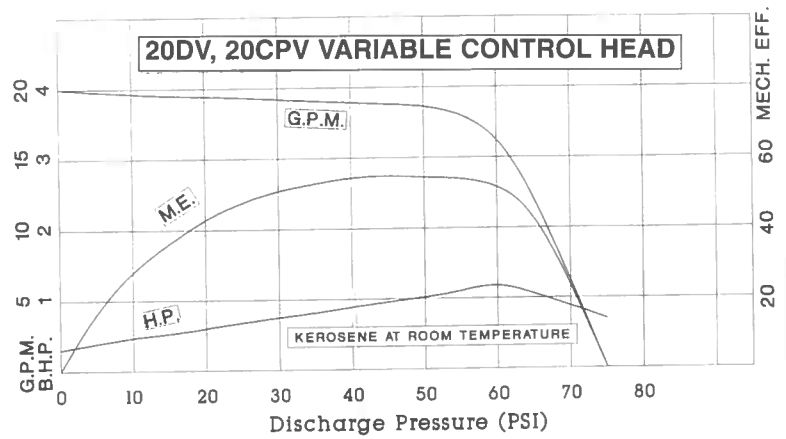
SERIES 20			
Rating	20 GPM @ 1140		
Displacement Factor	1.76 Gals/100 Revs.		
Port Size	1-1/4" x 11-1/2" THD NPT		
SSU / CPS	RPM	GPM	Suct.
40 / 4	1800*	30.0	1 1/4
100 / 20	1200*	21.0	1 1/4
400 / 78	1180*	20.6	1 1/4
600 / 125	1160*	20.4	1 1/4
800 / 165	1130	19.9	1 1/4
1,000 / 200	1120	19.7	1 1/4
1,600 / 335	1080	19.0	1 1/4
2,000 / 410	1060	18.6	1 1/2
3,000 / 620	1010	17.7	1 1/2
5,000 / 1,060	950	16.7	2
8,000 / 1,700	880	15.5	2
9,000 / 1,900	860	15.1	2

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

Port Size	1-1/2" x 11-1/2" THD NPT
10,000 / 2,150	1000 17.6 2
15,000 / 3,100	960 16.9 2 1/2
20,000 / 4,250	880 15.5 2 1/2
30,000 / 6,500	800 14.1 3
40,000 / 8,610	680 12.0 3
50,000 / 10,800	560 9.9 3
75,000 / 16,210	400 7.0 3
100,000 / 21,625	240 4.2 3

\* Use 1-1/2" ports at speeds above 1140 RPM.

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.