



SERIES 100 PUMPS

RATED 100 G.P.M.

@690 R.P.M.

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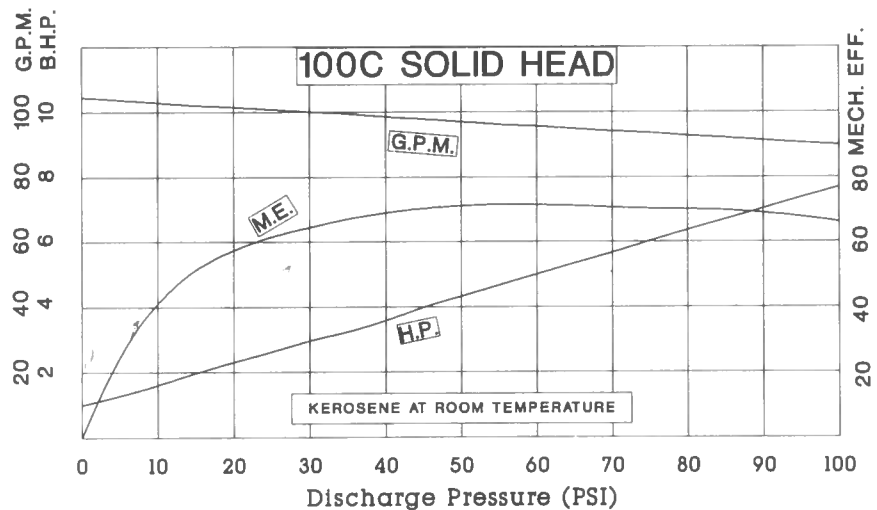
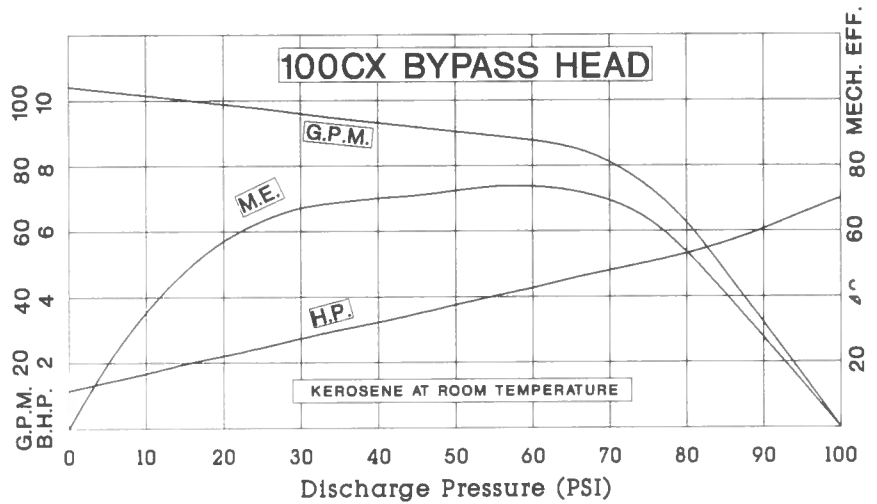
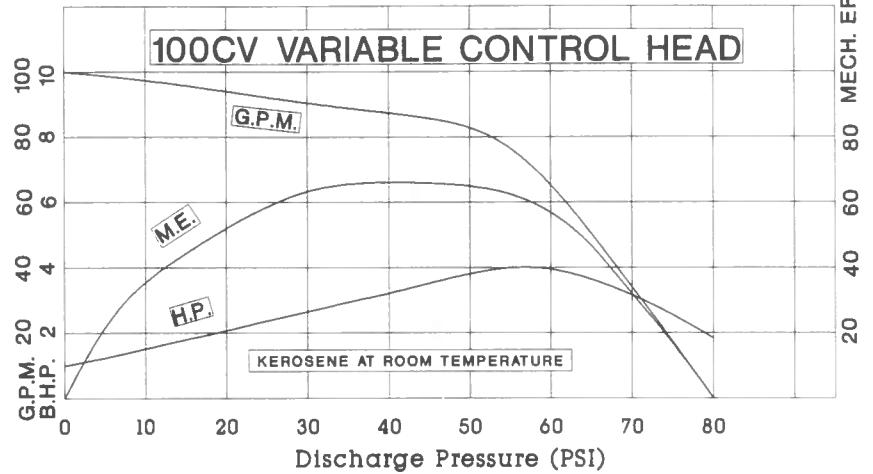
MAXIMUM RECOMMENDED PUMP SPEEDS FOR VARIOUS VISCOSITIES

		SERIES 100		
Rating	100 GPM @ 690			
Displacement Factor	14.8 Gals/100 Revs.			
Port Size	3" Flanged			
SSU / CPS	RPM	GPM	Suct.	
40 / 4	690	102	3	
100 / 20	690	102	3	
400 / 78	690	102	3	
600 / 125	685	101	3	
800 / 165	680	100	3	
1,000 / 200	670	99	3	
1,600 / 335	650	96	3	
2,000 / 410	640	95	3	
3,000 / 620	580	85	3	
5,000 / 1,060	530	78	3	
8,000 / 1,700	470	70	3	
9,000 / 1,900	450	67	3	

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

Port Size	3" Flanged		
10,000 / 2,150	430	64	3
15,000 / 3,100	410	61	3
20,000 / 4,250	380	56	4
30,000 / 6,500	340	50	4
40,000 / 8,610	300	44	4
50,000 / 10,800	250	37	4
75,000 / 16,210	170	25	4
100,000 / 21,625	125	19	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.