

SIMPLIFIED PUMP SELECTION CHART

BASED ON MAXIMUM RECOMMENDED PUMP SPEEDS FOR VARIOUS VISCOSITIES

	SERIES 20		SERIES 40		SERIES 80		SERIES 100		SERIES 120		SERIES 200*		
Rating	30 GPM @ 1750 RPM 20 GPM @ 1140 RPM		40 GPM @ 580 RPM		80 GPM @ 580 RPM		100 GPM @ 690 RPM		90 GPM @ 600 RPM		200 GPM @ 430 RPM		Rating
Port Size	1-1/2 INCH NPT		2 INCH NPT		FOUR 2 INCH NPT		3 INCH FLANGED		4 IN. FLANGED TOP 3 IN. FLANGED SIDE		4 INCH FLANGED		Port Size
Visc. SSU / CPS	RPM	GPM	RPM	GPM	RPM	GPM	RPM	GPM	RPM	GPM	RPM	GPM	Visc. SSU / CPS
40 / 4	1800	30.0	600	42	600	88	690	102	DESIGNED SPECIALLY FOR HANDLING VISCOUS AND SEMI-SOLID PUMPAGES		520	240	40 / 4
100 / 20	1200	21.0	600	42	600	88	690	102			520	240	100 / 20
400 / 78	1180	20.6	590	41	590	87	690	102			445	205	400 / 78
600 / 125	1160	20.4	580	40	588	86	685	101			435	202	600 / 125
800 / 165	1130	19.9	570	39	570	84	680	100			430	200	800 / 165
1,000 / 200	1120	19.7	560	38	560	83	670	99			425	197	1,000 / 200
1,600 / 335	1080	19.0	540	37	540	80	650	96			410	190	1,600 / 335
2,000 / 410	1060	18.6	530	36	530	79	640	95			405	188	2,000 / 410
3,000 / 620	1010	17.7	500	34	510	75	580	85	610	90	390	181	3,000 / 620
5,000 / 1,060	950	16.7	480	33	470	70	530	78	570	84	370	172	5,000 / 1,060
8,000 / 1,700	880	15.5	440	30	440	65	470	70	540	80	345	160	8,000 / 1,700
9,000 / 1,900	860	15.1	420	29	420	62	450	67	520	77	335	156	9,000 / 1,900

FOR VISCOSITIES BELOW, PUMP MUST HAVE RELIEVED ROTOR GROUP

Port Size	1 1/2"		2"		2"		3"		3"		4"		Port Size
10,000 / 2,150	1000	17.6	500	34	410	61	430	64	430	64	330	153	10,000 / 2,150
15,000 / 3,100	960	16.9	480	31	370	55	410	61	410	61	300	140	15,000 / 3,100
20,000 / 4,250	880	15.5	440	28	330	49	380	56	380	56	275	128	20,000 / 4,250
30,000 / 6,500	800	14.1	380	25	280	41	340	50	340	50	255	118	30,000 / 6,500
40,000 / 8,610	680	12.0	320	21	230	34	300	44	300	44	210	98	40,000 / 8,610
50,000 / 10,800	560	9.9	280	15	190	28	250	37	250	37	185	86	50,000 / 10,800
75,000 / 16,210	400	7.0	210	11	130	19	170	25	170	25	150	70	75,000 / 16,210
100,000 / 21,625	240	4.2	150	8	100	15	125	19	125	19	125	58	100,000 / 21,625

* Series 220 has same performance figures but equipment with 4" flanged top suction port x 4" flanged side discharge port to accommodate viscous and semi-solid pumpages.

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