

Speed pump head	Performance with 1 cp at 14.5 psi								Performance with 1 cp at 44 psi								Performance with 1 cp at 72 psi								
	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	6-pole C
3'600 rpm	172.6 GPM	8.9 ft	7.5hp	61.7 Hz	7.5hp	123.4 Hz	10.0hp	187.8 Hz	155.2 GPM	8.9 ft	10.0hp	61.7 Hz	10.0hp	123.4 Hz	15.0hp	187.8 Hz	143.1 GPM	8.9 ft	15.0hp	61.7 Hz	15.0hp	123.4 Hz	20.0hp	187.8 Hz	18.1 hp
3'500 rpm	167.3 GPM	8.5 ft	5.0hp	60.0 Hz	5.0hp	120.0 Hz	7.5hp	182.6 Hz	149.9 GPM	8.5 ft	10.0hp	60.0 Hz	7.5hp	120.0 Hz	15.0hp	182.6 Hz	137.8 GPM	8.5 ft	15.0hp	60.0 Hz	15.0hp	120.0 Hz	20.0hp	182.6 Hz	16.9 hp
3'000 rpm	140.9 GPM	7.9 ft	5.0hp	51.4 Hz	5.0hp	102.9 Hz	5.0hp	156.5 Hz	123.5 GPM	7.9 ft	10.0hp	51.4 Hz	7.5hp	102.9 Hz	10.0hp	156.5 Hz	111.4 GPM	7.9 ft	15.0hp	51.4 Hz	7.5hp	102.9 Hz	15.0hp	156.5 Hz	12.2 hp
2'500 rpm	114.4 GPM	6.9 ft	5.0hp	42.9 Hz	3.0hp	85.7 Hz	5.0hp	130.4 Hz	97.1 GPM	6.9 ft	7.5hp	42.9 Hz	5.0hp	85.7 Hz	7.5hp	130.4 Hz	85.0 GPM	6.9 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	7.5hp	130.4 Hz	8.2 hp
2'100 rpm	93.3 GPM	6.6 ft	5.0hp	36.0 Hz	3.0hp	72.0 Hz	3.0hp	109.6 Hz	76.0 GPM	6.6 ft	7.5hp	36.0 Hz	5.0hp	72.0 Hz	5.0hp	109.6 Hz	63.8 GPM	6.6 ft	10.0hp	36.0 Hz	5.0hp	72.0 Hz	7.5hp	109.6 Hz	5.7 hp
1'700 rpm	72.1 GPM	5.9 ft	5.0hp	29.1 Hz	3.0hp	58.3 Hz	3.0hp	88.7 Hz	54.8 GPM	5.9 ft	7.5hp	29.1 Hz	5.0hp	58.3 Hz	3.0hp	88.7 Hz	42.7 GPM	5.9 ft	10.0hp	29.1 Hz	5.0hp	58.3 Hz	5.0hp	88.7 Hz	3.6 hp
1'300 rpm	51.0 GPM	5.6 ft	5.0hp	22.3 Hz	3.0hp	44.6 Hz	3.0hp	67.8 Hz	33.7 GPM	5.6 ft	7.5hp	22.3 Hz	5.0hp	44.6 Hz	3.0hp	67.8 Hz	21.5 GPM	5.6 ft	10.0hp	22.3 Hz	5.0hp	44.6 Hz	5.0hp	67.8 Hz	3.4 hp
900 rpm	29.9 GPM	5.2 ft	5.0hp	15.4 Hz	3.0hp	30.9 Hz	3.0hp	47.0 Hz	12.5 GPM	5.2 ft	7.5hp	15.4 Hz	5.0hp	30.9 Hz	3.0hp	47.0 Hz	0.4 GPM	5.2 ft	10.0hp	15.4 Hz	5.0hp	30.9 Hz	5.0hp	47.0 Hz	3.4 hp
500 rpm	8.7 GPM	4.9 ft	5.0hp	8.6 Hz	3.0hp	17.1 Hz	3.0hp	26.1 Hz																	

Speed pump head	Performance with 1 cp at 116 psi								Performance with 1 cp at 174 psi								Performance with 1 cp at 232 psi								
	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	6-pole C
3'600 rpm	128.8 GPM	8.9 ft	15.0hp	61.7 Hz	20.0hp	123.4 Hz	25.0hp	187.8 Hz	113.4 GPM	8.9 ft	25.0hp	61.7 Hz	25.0hp	123.4 Hz	40.0hp	187.8 Hz	100.3 GPM	8.9 ft	30.0hp	61.7 Hz	30.0hp	123.4 Hz	50.0hp	187.8 Hz	44.4 hp
3'500 rpm	123.5 GPM	8.5 ft	15.0hp	60.0 Hz	15.0hp	120.0 Hz	25.0hp	182.6 Hz	108.1 GPM	8.5 ft	25.0hp	60.0 Hz	20.0hp	120.0 Hz	30.0hp	182.6 Hz	95.1 GPM	8.5 ft	30.0hp	60.0 Hz	30.0hp	120.0 Hz	40.0hp	182.6 Hz	41.9 hp
3'000 rpm	97.1 GPM	7.9 ft	15.0hp	51.4 Hz	15.0hp	102.9 Hz	20.0hp	156.5 Hz	81.6 GPM	7.9 ft	25.0hp	51.4 Hz	15.0hp	102.9 Hz	25.0hp	156.5 Hz	68.6 GPM	7.9 ft	30.0hp	51.4 Hz	20.0hp	102.9 Hz	30.0hp	156.5 Hz	30.5 hp
2'500 rpm	70.6 GPM	6.9 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	15.0hp	130.4 Hz	55.2 GPM	6.9 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	15.0hp	130.4 Hz	42.2 GPM	6.9 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	20.9 hp
2'100 rpm	49.5 GPM	6.6 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	7.5hp	109.6 Hz	34.1 GPM	6.6 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	15.0hp	109.6 Hz	21.1 GPM	6.6 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	14.7 hp
1'700 rpm	28.4 GPM	5.9 ft	15.0hp	29.1 Hz	7.5hp	58.3 Hz	5.0hp	88.7 Hz	12.9 GPM	5.9 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz									
1'300 rpm	7.2 GPM	5.6 ft	15.0hp	22.3 Hz	7.5hp	44.6 Hz	5.0hp	67.8 Hz																	
900 rpm																									
500 rpm																									
Speed	Performance with 50 cp at 116 psi								Performance with 50 cp at 174 psi								Performance with 50 cp at 232 psi								
pump head	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	6-pole C
3'600 rpm	149.6 GPM	9.5 ft	25.0hp	61.7 Hz	25.0hp	123.4 Hz	40.0hp	187.8 Hz	134.9 GPM	9.5 ft	30.0hp	61.7 Hz	30.0hp	123.4 Hz	40.0hp	187.8 Hz	122.0 GPM	9.5 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	60.0hp	187.8 Hz	55.9 hp
3'500 rpm	144.4 GPM	9.5 ft	25.0hp	60.0 Hz	25.0hp	120.0 Hz	40.0hp	182.6 Hz	129.6 GPM	9.5 ft	30.0hp	60.0 Hz	30.0hp	120.0 Hz	40.0hp	182.6 Hz	116.7 GPM	9.5 ft	40.0hp	60.0 Hz	40.0hp	120.0 Hz	50.0hp	182.6 Hz	52.4 hp
3'000 rpm	117.9 GPM	8.2 ft	25.0hp	51.4 Hz	15.0hp	102.9 Hz	25.0hp	156.5 Hz	103.2 GPM	8.2 ft	30.0hp	51.4 Hz	20.0hp	102.9 Hz	30.0hp	156.5 Hz	90.3 GPM	8.2 ft	40.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	37.1 hp
2'500 rpm	91.5 GPM	7.5 ft	25.0hp	42.9 Hz	10.0hp	85.7 Hz	15.0hp	130.4 Hz	76.8 GPM	7.5 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	63.8 GPM	7.5 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	25.0hp	130.4 Hz	24.8 hp
2'100 rpm	70.4 GPM	6.9 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	10.0hp	109.6 Hz	55.6 GPM	6.9 ft	25.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	42.7 GPM	6.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	20.0hp	109.6 Hz	16.9 hp
1'700 rpm	49.2 GPM	6.2 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz	34.5 GPM	6.2 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	21.6 GPM	6.2 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	10.7 hp
1'300 rpm	28.1 GPM	5.6 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz	13.4 GPM	5.6 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	7.5hp	67.8 Hz	7.4 GPM	5.6 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	10.0 hp
900 rpm	7.0 GPM	5.2 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz																	
500 rpm																									
300 rpm																									
Speed	Performance with 100 cp at 116 psi								Performance with 100 cp at 174 psi								Performance with 100 cp at 232 psi								
pump head	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	6-pole C
3'600 rpm	160.5 GPM	10.2 ft	25.0hp	61.7 Hz	25.0hp	123.4 Hz	40.0hp	187.8 Hz	147.9 GPM	10.2 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	40.0hp	187.8 Hz	136.2 GPM	10.2 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	60.0hp	187.8 Hz	60.4 hp
3'500 rpm	155.2 GPM	9.8 ft	25.0hp	60.0 Hz	25.0hp	120.0 Hz	40.0hp	182.6 Hz	142.6 GPM	9.8 ft	30.0hp	60.0 Hz	30.0hp	120.0 Hz	50.0hp	182.6 Hz	131.0 GPM	9.8 ft	40.0hp	60.0 Hz	40.0hp	120.0 Hz	60.0hp	182.6 Hz	56.6 hp
3'000 rpm	128.8 GPM	8.5 ft	25.0hp	51.4 Hz	20.0hp	102.9 Hz	25.0hp	156.5 Hz	116.2 GPM	8.5 ft	30.0hp	51.4 Hz	20.0hp	102.9 Hz	40.0hp	156.5 Hz	104.5 GPM	8.5 ft	40.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	39.7 hp
2'500 rpm	102.4 GPM	7.5 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	89.7 GPM	7.5 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	78.1 GPM	7.5 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	25.0hp	130.4 Hz	26.3 hp
2'300 rpm	91.8 GPM	7.2 ft	25.0hp	39.4 Hz	15.0hp	78.9 Hz	15.0hp	120.0 Hz	79.2 GPM	7.2 ft	30.0hp	39.4 Hz	15.0hp	78.9 Hz	20.0hp	120.0 Hz	67.5 GPM	7.2 ft	40.0hp	39.4 Hz	20.0hp	78.9 Hz	20.0hp	120.0 Hz	21.8 hp
2'100 rpm	81.2 GPM	6.9 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	15.0hp	109.6 Hz	68.6 GPM	6.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	57.0 GPM	6.9 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	17.8 hp
1'900 rpm	70.7 GPM	6.6 ft	20.0hp	32.6 Hz	10.0hp	65.1 Hz	10.0hp	99.1 Hz	58.0 GPM	6.6 ft	25.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	46.4 GPM	6.6 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	15.0hp	99.1 Hz	14.3 hp
1'700 rpm	60.1 GPM	6.2 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz	47.5 GPM	6.2 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	35.8 GPM	6.2 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	15.0hp	88.7 Hz	11.2 hp
1'500 rpm	49.5 GPM	5.9 ft	20.0hp	25.7 Hz	10.0hp	51.4 Hz	7.5hp	78.3 Hz	36.9 GPM	5.9 ft	25.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	25.3 GPM	5.9 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	10.5 hp
1'300 rpm	39.0 GPM	5.9 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz	26.3 GPM	5.9 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	14.7 GPM	5.9 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	10.3 hp
1'100 rpm	28.4 GPM	5.6 ft	20.0hp	18.9 Hz	10.0hp	37.7 Hz	7.5hp	57.4 Hz	15.8 GPM	5.6 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	7.5hp	57.4 Hz	4.1 GPM	5.6 ft	30.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	10.1 hp
900 rpm	17.8 GPM	5.2 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz	5.2 GPM	5.2 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz									
700 rpm	7.2 GPM	5.2 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz																	
500 rpm																									
300 rpm																									
100 rpm																									
Speed	Performance with 500 cp at 116 psi								Performance with 500 cp at 174 psi								Performance with 500 cp at 232 psi								
pump head	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	6-pole C
2'130 rpm	94.1 GPM	7.9 ft	30.0hp	36.5 Hz	15.0hp	73.0 Hz	15.0hp	111.1 Hz	86.5 GPM	7.9 ft	40.0hp	36.5 Hz	20.0hp	73.0 Hz	20.0hp	111.1 Hz	79.0 GPM	7.9 ft	40.0hp	36.5 Hz	20.0hp	73.0 Hz	20.0hp	111.1 Hz	21.5 hp
2'100 rpm	92.6 GPM	7.5 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	85.0 GPM	7.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	77.4 GPM	7.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	20.9 hp
1'900 rpm	82.3 GPM	7.2 ft	25.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	74.6 GPM	7.2 ft	30.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	67.1 GPM	7.2 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	15.0hp	99.1 Hz	16.5 hp
1'700 rpm	72.0 GPM	6.9 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	64.3 GPM	6.9 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	56.8 GPM	6.9 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz	12.7 hp
1'500 rpm	61.7 GPM	6.6 ft	25.0hp	25.7 Hz	15.0hp	51.4 Hz	7.5hp	78.3 Hz	54.0 GPM	6.6 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	46.5 GPM	6.6 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz	11.8 hp
1'300 rpm	51.4 GPM	6.2 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	7.5hp	67.8 Hz	43.7 GPM	6.2 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	36.2 GPM	6.2 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	11.4 hp
1'100 rpm	41.1 GPM	5.9 ft	20.0hp	18.9 Hz	10.0hp	37.7 Hz	7.5hp	57.4 Hz	33.4 GPM	5.9 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	25.9 GPM	5.9 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	1		