

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	H <sub>z</sub>	4-Pole	H <sub>z</sub>	6-Pole	H <sub>z</sub>	Flow rate	NPSHR	2-Pole	H <sub>z</sub>	4-Pole	H <sub>z</sub>	6-Pole	H <sub>z</sub>	Flow rate	NPSHR	2-Pole	H <sub>z</sub>	4-Pole	H <sub>z</sub>	6-Pole	H <sub>z</sub>
4'000 rpm	119.6 GPM	11.6 ft	7.5hp	68.6 Hz	7.5hp	137.1 Hz	15.0hp	208.7 Hz	106.8 GPM	11.6 ft	7.5hp	68.6 Hz	10.0hp	137.1 Hz	15.0hp	208.7 Hz	97.5 GPM	11.6 ft	10.0hp	68.6 Hz	15.0hp	137.1 Hz	20.0hp	208.7 Hz
3'500 rpm	103.3 GPM	10.2 ft	7.5hp	60.0 Hz	7.5hp	120.0 Hz	10.0hp	182.6 Hz	90.4 GPM	10.2 ft	7.5hp	60.0 Hz	7.5hp	120.0 Hz	15.0hp	182.6 Hz	81.2 GPM	10.2 ft	10.0hp	60.0 Hz	10.0hp	120.0 Hz	15.0hp	182.6 Hz
3'000 rpm	87.0 GPM	9.0 ft	5.0hp	51.4 Hz	5.0hp	102.9 Hz	7.5hp	156.5 Hz	74.1 GPM	8.9 ft	7.5hp	51.4 Hz	5.0hp	102.9 Hz	7.5hp	156.5 Hz	64.9 GPM	8.9 ft	10.0hp	51.4 Hz	7.5hp	102.9 Hz	10.0hp	156.5 Hz
2'500 rpm	70.6 GPM	7.8 ft	5.0hp	42.9 Hz	3.0hp	85.7 Hz	5.0hp	130.4 Hz	57.7 GPM	7.8 ft	7.5hp	42.9 Hz	5.0hp	85.7 Hz	5.0hp	130.4 Hz	48.5 GPM	7.8 ft	10.0hp	42.9 Hz	5.0hp	85.7 Hz	7.5hp	130.4 Hz
2'100 rpm	54.2 GPM	6.9 ft	5.0hp	36.0 Hz	3.0hp	72.0 Hz	3.0hp	109.6 Hz	44.6 GPM	7.0 ft	7.5hp	36.0 Hz	5.0hp	72.0 Hz	5.0hp	109.6 Hz	35.4 GPM	7.0 ft	10.0hp	36.0 Hz	5.0hp	72.0 Hz	5.0hp	109.6 Hz
1'700 rpm	44.4 GPM	6.4 ft	5.0hp	29.1 Hz	3.0hp	58.3 Hz	3.0hp	88.7 Hz	31.6 GPM	6.4 ft	7.5hp	29.1 Hz	3.0hp	58.3 Hz	3.0hp	88.7 Hz	22.4 GPM	6.4 ft	7.5hp	29.1 Hz	5.0hp	58.3 Hz	3.0hp	88.7 Hz
1'300 rpm	31.4 GPM	5.8 ft	5.0hp	22.3 Hz	3.0hp	44.6 Hz	3.0hp	67.8 Hz	18.5 GPM	5.8 ft	7.5hp	22.3 Hz	3.0hp	44.6 Hz	3.0hp	67.8 Hz	9.3 GPM	5.9 ft	7.5hp	22.3 Hz	5.0hp	44.6 Hz	3.0hp	67.8 Hz
900 rpm	18.2 GPM	5.4 ft	5.0hp	15.4 Hz	3.0hp	30.9 Hz	3.0hp	47.0 Hz	5.4 GPM	5.4 ft	5.0hp	15.4 Hz	3.0hp	30.9 Hz	3.0hp	47.0 Hz								
500 rpm	5.2 GPM	5.1 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							
	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz	Flow rate	NPSHR	2-Pole	Hz	4-Pole	Hz	6-Pole	Hz
4'000 rpm	86.6 GPM	11.8 ft	15.0hp	68.6 Hz	15.0hp	137.1 Hz	25.0hp	208.7 Hz	74.7 GPM	11.8 ft	20.0hp	68.6 Hz	20.0hp	137.1 Hz	30.0hp	208.7 Hz
3'500 rpm	70.3 GPM	10.2 ft	15.0hp	60.0 Hz	15.0hp	120.0 Hz	20.0hp	182.6 Hz	58.4 GPM	10.2 ft	15.0hp	60.0 Hz	15.0hp	120.0 Hz	25.0hp	182.6 Hz
3'000 rpm	53.9 GPM	8.9 ft	15.0hp	51.4 Hz	15.0hp	102.9 Hz	15.0hp	156.5 Hz	42.1 GPM	8.9 ft	15.0hp	51.4 Hz	15.0hp	102.9 Hz	20.0hp	156.5 Hz
2'500 rpm	37.6 GPM	7.9 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	10.0hp	130.4 Hz	25.7 GPM	7.9 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	15.0hp	130.4 Hz
2'100 rpm	24.5 GPM	6.9 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	7.5hp	109.6 Hz	12.6 GPM	6.9 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	7.5hp	109.6 Hz
1'700 rpm	11.4 GPM	6.2 ft	15.0hp	29.1 Hz	7.5hp	58.3 Hz	5.0hp	88.7 Hz								
1'300 rpm																
900 rpm																
500 rpm																
4'000 rpm	117.8 GPM	12.8 ft	25.0hp	68.6 Hz	30.0hp	137.1 Hz	50.0hp	208.7 Hz	101.3 GPM	12.8 ft	30.0hp	68.6 Hz	40.0hp	137.1 Hz	50.0hp	208.7 Hz
3'500 rpm	93.7 GPM	11.2 ft	25.0hp	60.0 Hz	20.0hp	120.0 Hz	40.0hp	182.6 Hz	85.0 GPM	11.2 ft	25.0hp	60.0 Hz	25.0hp	120.0 Hz	40.0hp	182.6 Hz
3'000 rpm	77.4 GPM	9.8 ft	20.0hp	51.4 Hz	15.0hp	102.9 Hz	25.0hp	156.5 Hz	68.6 GPM	9.8 ft	25.0hp	51.4 Hz	20.0hp	102.9 Hz	25.0hp	156.5 Hz
2'500 rpm	61.0 GPM	8.5 ft	20.0hp	42.9 Hz	10.0hp	85.7 Hz	15.0hp	130.4 Hz	52.3 GPM	8.5 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz
2'100 rpm	47.9 GPM	7.5 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	10.0hp	109.6 Hz	39.2 GPM	7.5 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	15.0hp	109.6 Hz
1'700 rpm	34.9 GPM	6.6 ft	15.0hp	29.1 Hz	7.5hp	58.3 Hz	5.0hp	88.7 Hz	26.1 GPM	6.6 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz
1'300 rpm	21.8 GPM	5.9 ft	15.0hp	22.3 Hz	7.5hp	44.6 Hz	5.0hp	67.8 Hz	13.1 GPM	5.9 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz
900 rpm	8.7 GPM	5.6 ft	15.0hp	15.4 Hz	7.5hp	30.9 Hz	5.0hp	47.0 Hz								
500 rpm																
300 rpm																
4'000 rpm	117.8 GPM	13.5 ft	30.0hp	68.6 Hz	40.0hp	137.1 Hz	60.0hp	208.7 Hz	111.8 GPM	13.5 ft	40.0hp	68.6 Hz	40.0hp	137.1 Hz	60.0hp	208.7 Hz
3'500 rpm	101.5 GPM	11.8 ft	25.0hp	60.0 Hz	25.0hp	120.0 Hz	40.0hp	182.6 Hz	95.4 GPM	11.8 ft	30.0hp	60.0 Hz	30.0hp	120.0 Hz	50.0hp	182.6 Hz
3'000 rpm	85.1 GPM	10.2 ft	25.0hp	51.4 Hz	20.0hp	102.9 Hz	25.0hp	156.5 Hz	79.1 GPM	10.2 ft	30.0hp	51.4 Hz	20.0hp	102.9 Hz	30.0hp	156.5 Hz
2'500 rpm	68.8 GPM	8.9 ft	20.0hp	42.9 Hz	10.0hp	85.7 Hz	15.0hp	130.4 Hz	62.7 GPM	8.9 ft	25.0hp	42.9 Hz	10.0hp	85.7 Hz	20.0hp	130.4 Hz
2'300 rpm	62.3 GPM	8.2 ft	20.0hp	39.4 Hz	10.0hp	78.9 Hz	15.0hp	120.0 Hz	56.2 GPM	8.2 ft	25.0hp	39.4 Hz	15.0hp	78.9 Hz	15.0hp	120.0 Hz
2'100 rpm	55.7 GPM	7.9 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	10.0hp	109.6 Hz	49.7 GPM	7.9 ft	25.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz
1'900 rpm	49.2 GPM	7.2 ft	20.0hp	32.6 Hz	10.0hp	65.1 Hz	7.5hp	99.1 Hz	43.1 GPM	7.2 ft	25.0hp	32.6 Hz	15.0hp	65.1 Hz	10.0hp	99.1 Hz
1'700 rpm	42.7 GPM	6.9 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz	36.6 GPM	6.9 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz
1'500 rpm	36.1 GPM	6.6 ft	20.0hp	25.7 Hz	10.0hp	51.4 Hz	7.5hp	78.3 Hz	30.0 GPM	6.6 ft	20.0hp	25.7 Hz	10.0hp	51.4 Hz	7.5hp	78.3 Hz
1'300 rpm	29.6 GPM	6.2 ft	15.0hp	22.3 Hz	7.5hp	44.6 Hz	5.0hp	67.8 Hz	23.5 GPM	6.2 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz
1'100 rpm	23.0 GPM	5.9 ft	15.0hp	18.9 Hz	7.5hp	37.7 Hz	5.0hp	57.4 Hz	17.0 GPM	5.9 ft	20.0hp	18.9 Hz	10.0hp	37.7 Hz	7.5hp	57.4 Hz
900 rpm	16.5 GPM	5.6 ft	15.0hp	15.4 Hz	7.5hp	30.9 Hz	5.0hp	47.0 Hz	10.4 GPM	5.6 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz
700 rpm	10.0 GPM	5.2 ft	15.0hp	12.0 Hz	7.5hp	24.0 Hz	5.0hp	36.5 Hz	3.9 GPM	5.2 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz
500 rpm	3.4 GPM	5.2 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz								
300 rpm																
2'130 rpm	61.6 GPM	8.9 ft	30.0hp	36.5 Hz	15.0hp	73.0 Hz	15.0hp	111.1 Hz	59.1 GPM	8.9 ft	30.0hp	36.5 Hz	15.0hp	73.0 Hz	20.0hp	111.1 Hz
2'100 rpm	60.7 GPM	8.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	58.1 GPM	8.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	20.0hp	109.6 Hz
1'900 rpm	54.4 GPM	8.2 ft	25.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	51.8 GPM	8.2 ft	30.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz
1'700 rpm	48.1 GPM	7.5 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	45.6 GPM	7.5 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz
1'500 rpm	41.9 GPM	7.2 ft	25.0hp	25.7 Hz	15.0hp	51.4 Hz	7.5hp	78.3 Hz	39.3 GPM	7.2 ft	25.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz
1'300 rpm	35.6 GPM	6.6 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz	33.0 GPM	6.6 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	7.5hp	67.8 Hz
1'100 rpm	29.3 GPM	6.2 ft	20.0hp	18.9 Hz	10.0hp	37.7 Hz	7.5hp	57.4 Hz	26.8 GPM	6.2 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	7.5hp	57.4 Hz
900 rpm	23.1 GPM	5.9 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz	20.5 GPM	5.9 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz
700 rpm	16.8 GPM	5.6 ft	15.0hp	12.0 Hz	7.5hp	24.0 Hz	5.0hp	36.5 Hz	14.2 GPM	5.6 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz
500 rpm	10.5 GPM	5.2 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz	7.9 GPM	5.2 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz
300 rpm	4.2 GPM	4.9 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz	1.7 GPM	4.9 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz
100 rpm																
1'571 rpm	45.1 GPM	7.5 ft	30.0hp	26.9 Hz	15.0hp	53.9 Hz	10.0hp	82.0 Hz	43.1 GPM	7.5 ft	30.0hp	26.9 Hz	15.0hp	53.9 Hz	10.0hp	82.0 Hz
1'500 rpm	42.9 GPM	7.5 ft	25.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	40.8 GPM	7.5 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz
1'300 rpm	36.6 GPM	6.9 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	7.5hp	67.8 Hz	34.6 GPM	6.9 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz
1'100 rpm	30.4 GPM	6.6 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	7.5hp	57.4 Hz	28.3 GPM	6.6 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz
900 rpm	24.1 GPM	5.9 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz	22.0 GPM	5.9 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz
700 rpm	17.8 GPM	5.6 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz	15.7 GPM	5.6 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz
500 rpm	11.5 GPM	5.2 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz	9.5 GPM	5.2 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz
300 rpm	5.3 GPM	5.2 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz	3.2 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	5.0hp	15.7 Hz
100 rpm																
853 rpm	24.5 GPM	6.6 ft	30.0hp	14.6 Hz	15.0hp	29.2 Hz	10.0hp	44.5 Hz	23.3 GPM	6.6 ft	30.0hp	14.6 Hz	15.0hp	29.2 Hz	10.0hp	44.5 Hz
700 rpm	19.7 GPM	6.2 ft	25.0hp	12.0 Hz	15.0hp	24.0 Hz	7.5hp	36.5 Hz	18.5 GPM	6.2 ft	30.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz
500 rpm	13.4 GPM	5.6 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz	12.3 GPM	5.6 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	7.5hp	26.1 Hz
300 rpm	7.1 GPM	5.2 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz	6.0 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz
100 rpm	0.8 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz								
677 rpm	19.7 GPM	6.2 ft	30.0hp	11.6 Hz	15.0hp	23.2 Hz	10.0hp	35.3 Hz	18.9 GPM	6.2 ft	30.0hp	11.6 Hz	15.0hp	23.2 Hz	10.0hp	35.3 Hz
600 rpm	17.3 GPM	6.2 ft	25.0hp	10.3 Hz	15.0hp	20.6 Hz	10.0hp	31.3 Hz	16.5 GPM	6.2 ft	30.0hp	10.3 Hz	15.0hp	20.6 Hz	10.0hp	31.3 Hz
500 rpm	14.1 GPM	5.9 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	7.5hp	26.1 Hz	13.4 GPM	5.9 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz
400 rpm	11.0 GPM	5.6 ft	20.0hp	6.9 Hz	10.0hp	13.7 Hz	7.5hp	20.9 Hz	10.2 GPM	5.6 ft	25.0hp	6.9 Hz	15.0hp	13.7 Hz	7.5hp	20.9 Hz
300 rpm	7.9 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz	7.1 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz
200 rpm	4.7 GPM	5.2 ft	15.0hp	3.4 Hz	7.5hp	6.9 Hz	5.0hp	10.4 Hz	4.0 GPM	5.2 ft	20.0hp	3.4 Hz	10.0hp	6.9 Hz	7.5hp	10.4 Hz
100 rpm	1.6 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz	0.8 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz
546 rpm	15.6 GPM	6.2 ft	30.0hp	9.4 Hz	15.0hp	18.7 Hz	10.0hp	28.5 Hz	14.9 GPM	6.2 ft	40.0hp	9.4 Hz	20.0hp	18.7 Hz	15.0hp	28.5 Hz
400 rpm	11.1 GPM	5.6 ft	25.0hp	6.9 Hz	15.0hp	13.7 Hz	7.5hp	20.9 Hz	10.3 GPM	5.6 ft	30.0hp	6.9 Hz	15.0hp	13.7 Hz	10.0hp	20.9 Hz
300 rpm	7.9 GPM	5.6 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz	7.2 GPM	5.6 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz
200 rpm	4.8 GPM	5.2 ft	20.0hp	3.4 Hz	10.0hp	6.9 Hz	7.5hp	10.4 Hz	4.0 GPM	5.2 ft	20.0hp	3.4 Hz	10.0hp	6.9 Hz	7.5hp	10.4 Hz
100 rpm	1.7 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz	0.9 GPM	4.9 ft	20.0hp	1.7 Hz	10.0hp	3.4 Hz	7.5hp	5.2 Hz
485 rpm	13.9 GPM	6.2 ft	30.0hp	8.3 Hz	15.0hp	16.6 Hz	10.0hp	25.3 Hz	13.3 GPM	6.2 ft	40.0hp	8.3 Hz	20.0hp	16.6 Hz	15.0hp	25.3 Hz
450 rpm	12.8 GPM	5.9 ft	30.0hp</													