

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
3'600 rpm	262.8 GPM	12.8 ft	7.5hp	61.7 Hz	7.5hp	123.4 Hz	15.0hp	187.8 Hz	241.8 GPM	12.8 ft	15.0hp	61.7 Hz	15.0hp	123.4 Hz	20.0hp	187.8 Hz	227.1 GPM	12.8 ft	20.0hp	61.7 Hz	20.0hp	123.4 Hz	25.0hp	187.8 Hz
3'500 rpm	254.9 GPM	12.5 ft	7.5hp	60.0 Hz	7.5hp	120.0 Hz	15.0hp	182.6 Hz	234.0 GPM	12.5 ft	15.0hp	60.0 Hz	15.0hp	120.0 Hz	20.0hp	182.6 Hz	219.2 GPM	12.5 ft	20.0hp	60.0 Hz	15.0hp	120.0 Hz	25.0hp	182.6 Hz
3'000 rpm	215.6 GPM	10.8 ft	7.5hp	51.4 Hz	5.0hp	102.9 Hz	7.5hp	156.5 Hz	194.6 GPM	10.8 ft	15.0hp	51.4 Hz	10.0hp	102.9 Hz	15.0hp	156.5 Hz	179.9 GPM	10.8 ft	20.0hp	51.4 Hz	15.0hp	102.9 Hz	20.0hp	156.5 Hz
2'500 rpm	176.3 GPM	9.2 ft	7.5hp	42.9 Hz	5.0hp	85.7 Hz	5.0hp	130.4 Hz	155.3 GPM	9.2 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	10.0hp	130.4 Hz	140.6 GPM	9.2 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	15.0hp	130.4 Hz
2'100 rpm	144.8 GPM	7.9 ft	7.5hp	36.0 Hz	5.0hp	72.0 Hz	5.0hp	109.6 Hz	123.9 GPM	7.9 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	7.5hp	109.6 Hz	109.1 GPM	7.9 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	10.0hp	109.6 Hz
1'700 rpm	113.4 GPM	6.9 ft	7.5hp	29.1 Hz	3.0hp	58.3 Hz	3.0hp	88.7 Hz	92.4 GPM	6.9 ft	15.0hp	29.1 Hz	7.5hp	58.3 Hz	5.0hp	88.7 Hz	77.6 GPM	6.9 ft	15.0hp	29.1 Hz	7.5hp	58.3 Hz	5.0hp	88.7 Hz
1'300 rpm	81.9 GPM	6.2 ft	7.5hp	22.3 Hz	3.0hp	44.6 Hz	3.0hp	67.8 Hz	60.9 GPM	6.2 ft	10.0hp	22.3 Hz	5.0hp	44.6 Hz	5.0hp	67.8 Hz	46.2 GPM	6.2 ft	15.0hp	22.3 Hz	7.5hp	44.6 Hz	5.0hp	67.8 Hz
900 rpm	50.4 GPM	5.6 ft	7.5hp	15.4 Hz	3.0hp	30.9 Hz	3.0hp	47.0 Hz	29.5 GPM	5.6 ft	10.0hp	15.4 Hz	5.0hp	30.9 Hz	5.0hp	47.0 Hz	14.7 GPM	5.6 ft	15.0hp	15.4 Hz	7.5hp	30.9 Hz	5.0hp	47.0 Hz
500 rpm	19.0 GPM	5.2 ft	5.0hp	8.6 Hz	3.0hp	17.1 Hz	3.0hp	26.1 Hz																

Motor 2-pole: 3500rpm@60Hz | Motor 4-pole: 1750rpm@60Hz | Motor 6-pole: 1150rpm@60Hz

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
3'600 rpm	209.6 GPM	12.8 ft	25.0hp	61.7 Hz	25.0hp	123.4 Hz	40.0hp	187.8 Hz	190.7 GPM	12.8 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	50.0hp	187.8 Hz
3'500 rpm	201.7 GPM	12.5 ft	25.0hp	60.0 Hz	25.0hp	120.0 Hz	40.0hp	182.6 Hz	182.9 GPM	12.5 ft	40.0hp	60.0 Hz	30.0hp	120.0 Hz	50.0hp	182.6 Hz
3'000 rpm	162.4 GPM	10.8 ft	25.0hp	51.4 Hz	25.0hp	102.9 Hz	25.0hp	156.5 Hz	143.6 GPM	10.8 ft	30.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz
2'500 rpm	123.1 GPM	9.2 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	104.2 GPM	9.2 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	25.0hp	130.4 Hz
2'100 rpm	91.6 GPM	7.9 ft	25.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	72.8 GPM	7.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	20.0hp	109.6 Hz
1'700 rpm	60.1 GPM	6.9 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	7.5hp	88.7 Hz	41.3 GPM	6.9 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz
1'300 rpm	28.7 GPM	6.2 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	7.5hp	67.8 Hz	9.9 GPM	6.2 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz
900 rpm																
500 rpm																
Speed pump head	Performance with 50 cp at 116 psi								Performance with 50 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	
3'600 rpm	241.1 GPM	14.1 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	50.0hp	187.8 Hz	224.9 GPM	14.1 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	75.0hp	187.8 Hz
3'500 rpm	233.2 GPM	13.8 ft	40.0hp	60.0 Hz	30.0hp	120.0 Hz	50.0hp	182.6 Hz	217.0 GPM	13.8 ft	40.0hp	60.0 Hz	40.0hp	120.0 Hz	60.0hp	182.6 Hz
3'000 rpm	193.9 GPM	11.8 ft	30.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	177.7 GPM	11.8 ft	40.0hp	51.4 Hz	30.0hp	102.9 Hz	50.0hp	156.5 Hz
2'500 rpm	154.6 GPM	9.8 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	25.0hp	130.4 Hz	138.3 GPM	9.8 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	30.0hp	130.4 Hz
2'100 rpm	123.1 GPM	8.5 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	106.9 GPM	8.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz
1'700 rpm	91.7 GPM	7.5 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	75.4 GPM	7.5 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz
1'300 rpm	60.2 GPM	6.6 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	44.0 GPM	6.6 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz
900 rpm	28.7 GPM	5.9 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz	12.5 GPM	5.9 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
500 rpm																
300 rpm																
Speed pump head	Performance with 100 cp at 116 psi								Performance with 100 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	
3'600 rpm	255.0 GPM	15.1 ft	40.0hp	61.7 Hz	40.0hp	123.4 Hz	60.0hp	187.8 Hz	242.4 GPM	15.1 ft	50.0hp	61.7 Hz	50.0hp	123.4 Hz	75.0hp	187.8 Hz
3'500 rpm	247.1 GPM	14.4 ft	40.0hp	60.0 Hz	40.0hp	120.0 Hz	50.0hp	182.6 Hz	234.6 GPM	14.4 ft	50.0hp	60.0 Hz	50.0hp	120.0 Hz	75.0hp	182.6 Hz
3'000 rpm	207.8 GPM	12.5 ft	40.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	195.2 GPM	12.5 ft	50.0hp	51.4 Hz	30.0hp	102.9 Hz	50.0hp	156.5 Hz
2'500 rpm	168.5 GPM	10.2 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	25.0hp	130.4 Hz	155.9 GPM	10.2 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	30.0hp	130.4 Hz
2'300 rpm	152.7 GPM	9.5 ft	30.0hp	39.4 Hz	15.0hp	78.9 Hz	20.0hp	120.0 Hz	140.2 GPM	9.5 ft	40.0hp	39.4 Hz	20.0hp	78.9 Hz	25.0hp	120.0 Hz
2'100 rpm	137.0 GPM	8.9 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	124.5 GPM	8.9 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz
1'900 rpm	121.3 GPM	8.2 ft	30.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	108.7 GPM	8.2 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	20.0hp	99.1 Hz
1'700 rpm	105.6 GPM	7.5 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	93.0 GPM	7.5 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz
1'500 rpm	89.8 GPM	7.2 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	77.3 GPM	7.2 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz
1'300 rpm	74.1 GPM	6.6 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	61.5 GPM	6.6 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz
1'100 rpm	58.4 GPM	6.2 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	45.8 GPM	6.2 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	42.6 GPM	5.9 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz	30.1 GPM	5.9 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	26.9 GPM	5.6 ft	25.0hp	12.0 Hz	15.0hp	24.0 Hz	7.5hp	36.5 Hz	14.4 GPM	5.6 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	11.2 GPM	5.2 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	7.5hp	26.1 Hz								
300 rpm																
Speed pump head	Performance with 500 cp at 116 psi								Performance with 500 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	
2'130 rpm	152.5 GPM	10.5 ft	40.0hp	36.5 Hz	20.0hp	73.0 Hz	20.0hp	111.1 Hz	146.5 GPM	10.5 ft	50.0hp	36.5 Hz	25.0hp	73.0 Hz	25.0hp	111.1 Hz
2'100 rpm	150.2 GPM	10.2 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	144.2 GPM	10.2 ft	50.0hp	36.0 Hz	25.0hp	72.0 Hz	25.0hp	109.6 Hz
1'900 rpm	134.8 GPM	9.5 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	15.0hp	99.1 Hz	128.7 GPM	9.5 ft	50.0hp	32.6 Hz	25.0hp	65.1 Hz	20.0hp	99.1 Hz
1'700 rpm	119.3 GPM	8.5 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz	113.3 GPM	8.5 ft	50.0hp	29.1 Hz	25.0hp	58.3 Hz	15.0hp	88.7 Hz
1'500 rpm	103.8 GPM	7.9 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz	97.8 GPM	7.9 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz
1'300 rpm	88.4 GPM	7.2 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	82.3 GPM	7.2 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz
1'100 rpm	72.9 GPM	6.6 ft	30.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	66.9 GPM	6.6 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	57.4 GPM	6.2 ft	30.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz	51.4 GPM	6.2 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	42.0 GPM	5.9 ft	25.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz	35.9 GPM	5.9 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	26.5 GPM	5.6 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	20.5 GPM	5.6 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	11.0 GPM	5.2 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz	5.0 GPM	5.2 ft	30.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
100 rpm																
Speed pump head	Performance with 1000 cp at 116 psi								Performance with 1000 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	
1'571 rpm	111.5 GPM	8.9 ft	40.0hp	26.9 Hz	20.0hp	53.9 Hz	15.0hp	82.0 Hz	106.6 GPM	8.9 ft	50.0hp	26.9 Hz	25.0hp	53.9 Hz	15.0hp	82.0 Hz
1'500 rpm	106.1 GPM	8.5 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz	101.1 GPM	8.5 ft	50.0hp	25.7 Hz	25.0hp	51.4 Hz	15.0hp	78.3 Hz
1'300 rpm	90.6 GPM	7.9 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	85.6 GPM	7.9 ft	50.0hp	22.3 Hz	25.0hp	44.6 Hz	15.0hp	67.8 Hz
1'100 rpm	75.1 GPM	7.2 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz	70.2 GPM	7.2 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	59.7 GPM	6.6 ft	30.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz	54.7 GPM	6.6 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	44.2 GPM	5.9 ft	30.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz	39.2 GPM	5.9 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	28.7 GPM	5.6 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	23.8 GPM	5.6 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	13.3 GPM	5.2 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz	8.3 GPM	5.2 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
100 rpm																
Speed pump head	Performance with 5000 cp at 116 psi								Performance with 5000 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	
853 rpm	60.3 GPM	7.2 ft	40.0hp	14.6 Hz	20.0hp	29.2 Hz	15.0hp	44.5 Hz	57.5 GPM	7.2 ft	50.0hp	14.6 Hz	25.0hp	29.2 Hz	15.0hp	44.5 Hz
700 rpm	48.5 GPM	6.6 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz	45.7 GPM	6.6 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	33.0 GPM	5.9 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	30.2 GPM	5.9 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	17.6 GPM	5.2 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz	14.8 GPM	5.2 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
100 rpm	2.1 GPM	4.9 ft	25.0hp	1.7 Hz	15.0hp	3.4 Hz	7.5hp	5.2 Hz								
Speed pump head	Performance with 10,000 cp at 116 psi								Performance with 10,000 mPas 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	
677 rpm	48.6 GPM	6.9 ft	40.0hp	11.6 Hz	20.0hp	23.2 Hz	15.0hp	35.3 Hz	46.7 GPM	6.9 ft	50.0hp	11.6 Hz	25.0hp	23.2 Hz	15.0hp	35.3 Hz
600 rpm	42.6 GPM	6.6 ft	40.0hp	10.3 Hz	20.0hp	20.6 Hz	15.0hp	31.3 Hz	40.7 GPM	6.6 ft	50.0hp	10.3 Hz	25.0hp	20.6 Hz	15.0hp	31.3 Hz
500 rpm	34.9 GPM	6.2 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz	33.0 GPM	6.2 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	15.0hp	26.1 Hz
400 rpm	27.2 GPM	5.9 ft	30.0hp	6.9 Hz	15.0hp	13.7 Hz	10.0hp	20.9 Hz	25.3 GPM	5.9 ft	40.0hp	6.9 Hz	20.0hp	13.7 Hz	15.0hp	20.9 Hz
300 rpm	19.4 GPM	5.6 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz	17.5 GPM	5.6 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
200 rpm	11.7 GPM	5.2 ft	25.0hp	3.4 Hz	15.0hp	6.9 Hz	10.0hp	10.4 Hz	9.8 GPM	5.2 ft	40.0hp	3.4 Hz	20.0hp	6.9 Hz	15.0hp	10.4 Hz
100 rpm	4.0 GPM	4.9 ft	25.0hp	1.7 Hz	15.0hp	3.4 Hz	7.5hp	5.2 Hz	2.1 GPM	4.9 ft	40.0hp	1				