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Sizing table ViscoTwin 130-65 US-Standard

ViscoTwin
the most versatile sanitary pump

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

Speed	Performance with 1 cp at 14.5 psi								Performance with 1 cp at 45 psi								Performance with 1 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	446.1 GPM	13.1 ft	15.0hp	51.4 Hz	10.0hp	102.9 Hz	15.0hp	156.5 Hz	419.8 GPM	13.1 ft	20.0hp	51.4 Hz	15.0hp	102.9 Hz	25.0hp	156.5 Hz	401.2 GPM	13.1 ft	30.0hp	51.4 Hz	20.0hp	102.9 Hz	30.0hp	156.5 Hz
2'500 rpm	367.6 GPM	10.8 ft	15.0hp	42.9 Hz	7.5hp	85.7 Hz	10.0hp	130.4 Hz	341.3 GPM	10.8 ft	20.0hp	42.9 Hz	10.0hp	85.7 Hz	15.0hp	130.4 Hz	322.7 GPM	10.8 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	25.0hp	130.4 Hz
2'100 rpm	304.9 GPM	9.2 ft	15.0hp	36.0 Hz	7.5hp	72.0 Hz	7.5hp	109.6 Hz	278.6 GPM	9.2 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	10.0hp	109.6 Hz	260.0 GPM	9.2 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz
1'700 rpm	242.1 GPM	7.9 ft	10.0hp	29.1 Hz	5.0hp	58.3 Hz	5.0hp	88.7 Hz	215.9 GPM	7.9 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz	197.2 GPM	7.9 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz
1'300 rpm	179.4 GPM	6.9 ft	10.0hp	22.3 Hz	5.0hp	44.6 Hz	3.0hp	67.8 Hz	153.1 GPM	6.9 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz	134.5 GPM	6.9 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz
900 rpm	116.6 GPM	5.9 ft	10.0hp	15.4 Hz	5.0hp	30.9 Hz	3.0hp	47.0 Hz	90.4 GPM	5.9 ft	20.0hp	15.4 Hz	10.0hp	30.9 Hz	7.5hp	47.0 Hz	71.7 GPM	5.9 ft	30.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz
500 rpm	53.9 GPM	5.2 ft	10.0hp	8.6 Hz	5.0hp	17.1 Hz	3.0hp	26.1 Hz	27.6 GPM	5.2 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz	9.0 GPM	5.2 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz

Speed	Performance with 50 cp at 14.5 psi								Performance with 50 cp at 45 psi								Performance with 50 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	463.5 GPM	14.8 ft	25.0hp	51.4 Hz	20.0hp	102.9 Hz	30.0hp	156.5 Hz	450.4 GPM	14.8 ft	40.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	438.6 GPM	14.8 ft	50.0hp	51.4 Hz	30.0hp	102.9 Hz	50.0hp	156.5 Hz
2'500 rpm	385.1 GPM	11.8 ft	25.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	372.0 GPM	11.8 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	25.0hp	130.4 Hz	360.1 GPM	11.8 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	30.0hp	130.4 Hz
2'100 rpm	322.3 GPM	10.2 ft	20.0hp	36.0 Hz	10.0hp	72.0 Hz	15.0hp	109.6 Hz	309.3 GPM	10.2 ft	30.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	297.4 GPM	10.2 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz
1'700 rpm	259.6 GPM	8.5 ft	20.0hp	29.1 Hz	10.0hp	58.3 Hz	7.5hp	88.7 Hz	246.5 GPM	8.5 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	234.6 GPM	8.5 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz
1'300 rpm	196.8 GPM	7.2 ft	15.0hp	22.3 Hz	7.5hp	44.6 Hz	5.0hp	67.8 Hz	183.8 GPM	7.2 ft	25.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	171.9 GPM	7.2 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz
900 rpm	134.1 GPM	6.2 ft	15.0hp	15.4 Hz	7.5hp	30.9 Hz	5.0hp	47.0 Hz	121.0 GPM	6.2 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz	109.1 GPM	6.2 ft	30.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz
500 rpm	71.3 GPM	5.2 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz	58.3 GPM	5.2 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz	46.4 GPM	5.2 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz
300 rpm	40.0 GPM	5.2 ft	10.0hp	5.1 Hz	5.0hp	10.3 Hz	5.0hp	15.7 Hz	26.9 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz	15.0 GPM	5.2 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz

Speed	Performance with 100 cp at 14.5 psi								Performance with 100 cp at 45 psi								Performance with 100 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	466.5 GPM	15.4 ft	30.0hp	51.4 Hz	25.0hp	102.9 Hz	40.0hp	156.5 Hz	458.5 GPM	15.4 ft	40.0hp	51.4 Hz	30.0hp	102.9 Hz	50.0hp	156.5 Hz	450.7 GPM	15.4 ft	50.0hp	51.4 Hz	40.0hp	102.9 Hz	50.0hp	156.5 Hz
2'500 rpm	388.0 GPM	12.5 ft	30.0hp	42.9 Hz	15.0hp	85.7 Hz	20.0hp	130.4 Hz	380.0 GPM	12.5 ft	40.0hp	42.9 Hz	20.0hp	85.7 Hz	30.0hp	130.4 Hz	372.2 GPM	12.5 ft	50.0hp	42.9 Hz	25.0hp	85.7 Hz	40.0hp	130.4 Hz
2'300 rpm	356.7 GPM	11.5 ft	25.0hp	39.4 Hz	15.0hp	78.9 Hz	20.0hp	120.0 Hz	348.6 GPM	11.5 ft	40.0hp	39.4 Hz	20.0hp	78.9 Hz	25.0hp	120.0 Hz	340.9 GPM	11.5 ft	50.0hp	39.4 Hz	25.0hp	78.9 Hz	30.0hp	120.0 Hz
2'100 rpm	325.3 GPM	10.5 ft	25.0hp	36.0 Hz	15.0hp	72.0 Hz	15.0hp	109.6 Hz	317.3 GPM	10.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	309.5 GPM	10.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	25.0hp	109.6 Hz
1'900 rpm	293.9 GPM	9.5 ft	25.0hp	32.6 Hz	15.0hp	65.1 Hz	10.0hp	99.1 Hz	285.9 GPM	9.5 ft	30.0hp	32.6 Hz	15.0hp	65.1 Hz	15.0hp	99.1 Hz	278.1 GPM	9.5 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	20.0hp	99.1 Hz
1'700 rpm	262.6 GPM	8.9 ft	25.0hp	29.1 Hz	15.0hp	58.3 Hz	7.5hp	88.7 Hz	254.5 GPM	8.9 ft	30.0hp	29.1 Hz	15.0hp	58.3 Hz	10.0hp	88.7 Hz	246.8 GPM	8.9 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz
1'500 rpm	231.2 GPM	8.2 ft	20.0hp	25.7 Hz	10.0hp	51.4 Hz	7.5hp	78.3 Hz	223.1 GPM	8.2 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	215.4 GPM	8.2 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz
1'300 rpm	199.8 GPM	7.5 ft	20.0hp	22.3 Hz	10.0hp	44.6 Hz	7.5hp	67.8 Hz	191.8 GPM	7.5 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	184.0 GPM	7.5 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz
1'100 rpm	168.4 GPM	6.9 ft	20.0hp	18.9 Hz	10.0hp	37.7 Hz	7.5hp	57.4 Hz	160.4 GPM	6.9 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	152.6 GPM	6.9 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	137.1 GPM	6.2 ft	15.0hp	15.4 Hz	7.5hp	30.9 Hz	5.0hp	47.0 Hz	129.0 GPM	6.2 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz	121.3 GPM	6.2 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	105.7 GPM	5.9 ft	15.0hp	12.0 Hz	7.5hp	24.0 Hz	5.0hp	36.5 Hz	97.6 GPM	5.9 ft	25.0hp	12.0 Hz	15.0hp	24.0 Hz	7.5hp	36.5 Hz	89.9 GPM	5.9 ft	30.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz
500 rpm	74.3 GPM	5.2 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz	66.3 GPM	5.2 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz	58.5 GPM	5.2 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz
300 rpm	42.9 GPM	5.2 ft	10.0hp	5.1 Hz	5.0hp	10.3 Hz	5.0hp	15.7 Hz	34.9 GPM	5.2 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz	27.1 GPM	5.2 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz

Speed	Performance with 500 cp at 14.5 psi								Performance with 500 cp at 45 psi								Performance with 500 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
2'130 rpm	329.7 GPM	12.5 ft	40.0hp	36.5 Hz	20.0hp	73.0 Hz	20.0hp	111.1 Hz	326.5 GPM	12.5 ft	50.0hp	36.5 Hz	25.0hp	73.0 Hz	25.0hp	111.1 Hz	323.4 GPM	12.5 ft	60.0hp	36.5 Hz	30.0hp	73.0 Hz	30.0hp	111.1 Hz
2'100 rpm	325.1 GPM	12.5 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	20.0hp	109.6 Hz	321.9 GPM	12.5 ft	50.0hp	36.0 Hz	25.0hp	72.0 Hz	25.0hp	109.6 Hz	318.7 GPM	12.5 ft	60.0hp	36.0 Hz	30.0hp	72.0 Hz	30.0hp	109.6 Hz
1'900 rpm	293.9 GPM	11.2 ft	40.0hp	32.6 Hz	20.0hp	65.1 Hz	15.0hp	99.1 Hz	290.8 GPM	11.2 ft	50.0hp	32.6 Hz	25.0hp	65.1 Hz	20.0hp	99.1 Hz	287.6 GPM	11.2 ft	60.0hp	32.6 Hz	30.0hp	65.1 Hz	25.0hp	99.1 Hz
1'700 rpm	262.8 GPM	10.2 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz	259.6 GPM	10.2 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz	256.5 GPM	10.2 ft	50.0hp	29.1 Hz	25.0hp	58.3 Hz	20.0hp	88.7 Hz
1'500 rpm	231.7 GPM	9.2 ft	30.0hp	25.7 Hz	15.0hp	51.4 Hz	10.0hp	78.3 Hz	228.5 GPM	9.2 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz	225.4 GPM	9.2 ft	50.0hp	25.7 Hz	25.0hp	51.4 Hz	15.0hp	78.3 Hz
1'300 rpm	200.6 GPM	8.2 ft	30.0hp	22.3 Hz	15.0hp	44.6 Hz	10.0hp	67.8 Hz	197.4 GPM	8.2 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	194.2 GPM	8.2 ft	50.0hp	22.3 Hz	25.0hp	44.6 Hz	15.0hp	67.8 Hz
1'100 rpm	169.5 GPM	7.5 ft	25.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	166.3 GPM	7.5 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz	163.1 GPM	7.5 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	138.4 GPM	6.6 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	7.5hp	47.0 Hz	135.2 GPM	6.6 ft	30.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz	132.0 GPM	6.6 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	107.3 GPM	6.2 ft	20.0hp	12.0 Hz	10.0hp	24.0 Hz	7.5hp	36.5 Hz	104.1 GPM	6.2 ft	30.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz	100.9 GPM	6.2 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	76.2 GPM	5.6 ft	15.0hp	8.6 Hz	7.5hp	17.1 Hz	5.0hp	26.1 Hz	73.0 GPM	5.6 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	69.8 GPM	5.6 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	45.1 GPM	5.2 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz	41.9 GPM	5.2 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz	38.7 GPM	5.2 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz
100 rpm	14.0 GPM	4.9 ft	10.0hp	1.7 Hz	5.0hp	3.4 Hz	3.0hp	5.2 Hz	10.8 GPM	4.9 ft	20.0hp	1.7 Hz	10.0hp	3.4 Hz	7.5hp	5.2 Hz	7.6 GPM	4.9 ft	30.0hp	1.7 Hz	15.0hp	3.4 Hz	10.0hp	5.2 Hz

Speed	Performance with 1000 cp at 14.5 psi								Performance with 1000 cp at 45 psi								Performance with 1000 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
1'571 rpm	243.1 GPM	10.2 ft	40.0hp	26.9 Hz	20.0hp	53.9 Hz	15.0hp	82.0 Hz	240.5 GPM	10.2 ft	50.0hp	26.9 Hz	25.0hp	53.9 Hz	15.0hp	82.0 Hz	238.0 GPM	10.2 ft	60.0hp	26.9 Hz	30.0hp	53.9 Hz	20.0hp	82.0 Hz
1'500 rpm	232.0 GPM	9.8 ft	40.0hp	25.7 Hz	20.0hp	51.4 Hz	15.0hp	78.3 Hz	229.5 GPM	9.8 ft	50.0hp	25.7 Hz	25.0hp	51.4 Hz	15.0hp	78.3 Hz	226.9 GPM	9.8 ft	60.0hp	25.7 Hz	30.0hp	51.4 Hz	20.0hp	78.3 Hz
1'300 rpm	200.9 GPM	8.9 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	198.4 GPM	8.9 ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	195.8 GPM	8.9 ft	50.0hp	22.3 Hz	25.0hp	44.6 Hz	20.0hp	67.8 Hz
1'100 rpm	169.8 GPM	7.9 ft	30.0hp	18.9 Hz	15.0hp	37.7 Hz	10.0hp	57.4 Hz	167.3 GPM	7.9 ft	40.0hp	18.9 Hz	20.0hp	37.7 Hz	15.0hp	57.4 Hz	164.7 GPM	7.9 ft	50.0hp	18.9 Hz	25.0hp	37.7 Hz	15.0hp	57.4 Hz
900 rpm	138.7 GPM	7.2 ft	25.0hp	15.4 Hz	15.0hp	30.9 Hz	10.0hp	47.0 Hz	136.2 GPM	7.2 ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz	133.6 GPM	7.2 ft	50.0hp	15.4 Hz	25.0hp	30.9 Hz	15.0hp	47.0 Hz
700 rpm	107.6 GPM	6.2 ft	25.0hp	12.0 Hz	15.0hp	24.0 Hz	7.5hp	36.5 Hz	105.0 GPM	6.2 ft	30.0hp	12.0 Hz	15.0hp	24.0 Hz	10.0hp	36.5 Hz	102.5 GPM	6.2 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz
500 rpm	76.5 GPM	5.9 ft	20.0hp	8.6 Hz	10.0hp	17.1 Hz	7.5hp	26.1 Hz	73.9 GPM	5.9 ft	30.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	71.4 GPM	5.9 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	45.4 GPM	5.2 ft	15.0hp	5.1 Hz	7.5hp	10.3 Hz	5.0hp	15.7 Hz	42.8 GPM	5.2 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz	40.3 GPM	5.2 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz
100 rpm	14.3 GPM	4.9 ft	10.0hp	1.7 Hz	5.0hp	3.4 Hz	5.0hp	5.2 Hz	11.7 GPM	4.9 ft	20.0hp	1.7 Hz	10.0hp	3.4 Hz	7.5hp	5.2 Hz	9.2 GPM	4.9 ft	30.0hp	1.7 Hz	15.0hp	3.4 Hz	10.0hp	5.2 Hz

Speed	Performance with 5000 cp at 14.5 psi								Performance with 5000 cp at 45 psi								Performance with 5000 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
853 rpm	132.0 GPM	8.2 ft	40.0hp	14.6 Hz	20.0hp	29.2 Hz	15.0hp	44.5 Hz	130.6 GPM	8.2 ft	50.0hp	14.6 Hz	25.0hp	29.2 Hz	15.0hp	44.5 Hz	129.2 GPM	8.2 ft	60.0hp	14.6 Hz	30.0hp	29.2 Hz	20.0hp	44.5 Hz
700 rpm	108.2 GPM	7.2 ft	40.0hp	12.0 Hz	20.0hp	24.0 Hz	15.0hp	36.5 Hz	106.8 GPM	7.2 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	15.0hp	36.5 Hz	105.4 GPM	7.2 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	20.0hp	36.5 Hz
500 rpm	77.1 GPM	6.2 ft	25.0hp	8.6 Hz	15.0hp	17.1 Hz	10.0hp	26.1 Hz	75.7 GPM	6.2 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz	74.3 GPM	6.2 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	15.0hp	26.1 Hz
300 rpm	46.0 GPM	5.6 ft	20.0hp	5.1 Hz	10.0hp	10.3 Hz	7.5hp	15.7 Hz	44.6 GPM	5.6 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz	43.1 GPM	5.6 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
100 rpm	14.9 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz	13.4 GPM	4.9 ft	20.0hp	1.7 Hz	10.0hp	3.4 Hz	7.5hp	5.2 Hz	12.0 GPM	4.9 ft	30.0hp	1.7 Hz	15.0hp	3.4 Hz	10.0hp	5.2 Hz

Speed	Performance with 10,000 cp at 14.5 psi								Performance with 10,000 cp at 45 psi								Performance with 10,000 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
677 rpm	104.8 GPM	7.5 ft	40.0hp	11.6 Hz	20.0hp	23.2 Hz	15.0hp	35.3 Hz	103.9 GPM	7.5 ft	50.0hp	11.6 Hz	25.0hp	23.2 Hz	20.0hp	35.3 Hz	102.9 GPM	7.5 ft	60.0hp	11.6 Hz	30.0hp	23.2 Hz	20.0hp	35.3 Hz
600 rpm	92.9 GPM	7.2 ft	40.0hp	10.3 Hz	20.0hp	20.6 Hz	15.0hp	31.3 Hz	91.9 GPM	7.2 ft	50.0hp	10.3 Hz	25.0hp	20.6 Hz	15.0hp	31.3 Hz	91.0 GPM	7.2 ft	60.0hp	10.3 Hz	30.0hp	20.6 Hz	20.0hp	31.3 Hz
500 rpm	77.3 GPM	6.6 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	10.0hp	26.1 Hz	76.4 GPM	6.6 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz	75.4 GPM	6.6 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	20.0hp	26.1 Hz
400 rpm	61.7 GPM	6.2 ft	30.0hp	6.9 Hz	15.0hp	13.7 Hz	10.0hp	20.9 Hz	60.8 GPM	6.2 ft	40.0hp	6.9 Hz	20.0hp	13.7 Hz	15.0hp	20.9 Hz	59.9 GPM	6.2 ft	50.0hp	6.9 Hz	25.0hp	13.7 Hz	15.0hp	20.9 Hz
300 rpm	46.2 GPM	5.6 ft	25.0hp	5.1 Hz	15.0hp	10.3 Hz	7.5hp	15.7 Hz	45.2 GPM	5.6 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz	44.3 GPM	5.6 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz
200 rpm	30.6 GPM	5.2 ft	20.0hp	3.4 Hz	10.0hp	6.9 Hz	7.5hp	10.4 Hz	29.7 GPM	5.2 ft	30.0hp	3.4 Hz	15.0hp	6.9 Hz	10.0hp	10.4 Hz	28.7 GPM	5.2 ft	40.0hp	3.4 Hz	20.0hp	6.9 Hz	15.0hp	10.4 Hz
100 rpm	15.1 GPM	4.9 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz	14.1 GPM	4.9 ft	25.0hp	1.7 Hz	15.0hp	3.4 Hz	7.5hp	5.2 Hz	13.2 GPM	4.9 ft	30.0hp	1.7 Hz	15.0hp	3.4 Hz	10.0hp	5.2 Hz

Speed	Performance with 20,000 cp at 14.5 psi								Performance with 20,000 cp at 45 psi								Performance with 20,000 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
546 rpm	84.5 GPM	7.5 ft	50.0hp	9.4 Hz	25.0hp	18.7 Hz	15.0hp	28.5 Hz	83.6 GPM	7.5 ft	50.0hp	9.4 Hz	25.0hp	18.7 Hz	20.0hp	28.5 Hz	82.6 GPM	7.5 ft	60.0hp	9.4 Hz	30.0hp	18.7 Hz	20.0hp	28.5 Hz
400 rpm	61.8 GPM	6.6 ft	40.0hp	6.9 Hz	20.0hp	13.7 Hz	15.0hp	20.9 Hz	60.8 GPM	6.6 ft	40.0hp	6.9 Hz	20.0hp	13.7 Hz	15.0hp	20.9 Hz	59.9 GPM	6.6 ft	50.0hp	6.9 Hz	25.0hp	13.7 Hz	20.0hp	20.9 Hz
300 rpm	46.2 GPM	5.9 ft	30.0hp	5.1 Hz	15.0hp	10.3 Hz	10.0hp	15.7 Hz	45.3 GPM	5.9 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz	44.4 GPM	5.9 ft	50.0hp	5.1 Hz	25.0hp	10.3 Hz	15.0hp	15.7 Hz
200 rpm	30.7 GPM	5.6 ft	20.0hp	3.4 Hz	10.0hp	6.9 Hz	7.5hp	10.4 Hz	29.7 GPM	5.6 ft	30.0hp	3.4 Hz	15.0hp	6.9 Hz	10.0hp	10.4 Hz	28.8 GPM	5.6 ft	40.0hp	3.4 Hz	20.0hp	6.9 Hz	15.0hp	10.4 Hz
100 rpm	15.1 GPM	5.2 ft	15.0hp	1.7 Hz	7.5hp	3.4 Hz	5.0hp	5.2 Hz	14.2 GPM	5.2 ft	25.0hp	1.7 Hz	15.0hp	3.4 Hz	7.5hp	5.2 Hz	13.3 GPM	5.2 ft	40.0hp	1.7 Hz	20.0hp	3.4 Hz	10.0hp	5.2 Hz

Speed	Performance with 30,000 cp at 14.5 psi								Performance with 30,000 cp at 45 psi								Performance with 30,000 cp at 72 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz

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Sizing table ViscoTwin 130-65 US-Standard

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

ViscoTwin
the most versatile sanitary pump

Speed	Performance with 1 cp at 116 psi								Performance with 1 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	379.0 GPM	13.1 ft	50.0hp	51.4 Hz	30.0hp	102.9 Hz	50.0hp	156.5 Hz	355.2 GPM	13.1 ft	60.0hp	51.4 Hz	50.0hp	102.9 Hz	75.0hp	156.5 Hz
2'500 rpm	300.6 GPM	10.8 ft	50.0hp	42.9 Hz	25.0hp	85.7 Hz	30.0hp	130.4 Hz	276.8 GPM	10.8 ft	60.0hp	42.9 Hz	30.0hp	85.7 Hz	50.0hp	130.4 Hz
2'100 rpm	237.9 GPM	9.2 ft	40.0hp	36.0 Hz	20.0hp	72.0 Hz	25.0hp	109.6 Hz	214.0 GPM	9.2 ft	60.0hp	36.0 Hz	30.0hp	72.0 Hz	30.0hp	109.6 Hz
1'700 rpm	175.1 GPM	7.9 ft	40.0hp	29.1 Hz	20.0hp	58.3 Hz	15.0hp	88.7 Hz	151.3 GPM	7.9 ft	60.0hp	29.1 Hz	30.0hp	58.3 Hz	20.0hp	88.7 Hz
1'300 rpm	112.4 GPM	6.9 lb-ft	40.0hp	22.3 Hz	20.0hp	44.6 Hz	15.0hp	67.8 Hz	88.5 GPM	6.9 ft	60.0hp	22.3 Hz	30.0hp	44.6 Hz	20.0hp	67.8 Hz
900 rpm	49.6 GPM	5.9 lb-ft	40.0hp	15.4 Hz	20.0hp	30.9 Hz	15.0hp	47.0 Hz	25.8 GPM	5.9 ft	60.0hp	15.4 Hz	30.0hp	30.9 Hz	20.0hp	47.0 Hz
500 rpm																

Speed	Performance with 50 cp at 116 psi								Performance with 50 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	422.4 GPM	14.8 ft	60.0hp	51.4 Hz	40.0hp	102.9 Hz	60.0hp	156.5 Hz	403.0 GPM	14.8 ft	75.0hp	51.4 Hz	50.0hp	102.9 Hz	100.0hp	156.5 Hz
2'500 rpm	343.9 GPM	11.8 ft	60.0hp	42.9 Hz	30.0hp	85.7 Hz	40.0hp	130.4 Hz	324.6 GPM	11.8 ft	75.0hp	42.9 Hz	40.0hp	85.7 Hz	60.0hp	130.4 Hz
2'100 rpm	281.2 GPM	10.2 ft	50.0hp	36.0 Hz	25.0hp	72.0 Hz	30.0hp	109.6 Hz	261.8 GPM	10.2 ft	75.0hp	36.0 Hz	40.0hp	72.0 Hz	40.0hp	109.6 Hz
1'700 rpm	218.4 GPM	8.5 ft	50.0hp	29.1 Hz	25.0hp	58.3 Hz	20.0hp	88.7 Hz	199.1 GPM	8.5 ft	75.0hp	29.1 Hz	40.0hp	58.3 Hz	25.0hp	88.7 Hz
1'300 rpm	155.7 GPM	7.2 ft	50.0hp	22.3 Hz	25.0hp	44.6 Hz	15.0hp	67.8 Hz	136.3 GPM	7.2 ft	75.0hp	22.3 Hz	40.0hp	44.6 Hz	25.0hp	67.8 Hz
900 rpm	92.9 GPM	6.2 ft	50.0hp	15.4 Hz	25.0hp	30.9 Hz	15.0hp	47.0 Hz	73.6 GPM	6.2 ft	60.0hp	15.4 Hz	30.0hp	30.9 Hz	20.0hp	47.0 Hz
500 rpm	30.2 GPM	5.2 ft	40.0hp	8.6 Hz	20.0hp	17.1 Hz	15.0hp	26.1 Hz	10.8 GPM	5.2 ft	60.0hp	8.6 Hz	30.0hp	17.1 Hz	20.0hp	26.1 Hz
300 rpm																

Speed	Performance with 100 cp at 116 psi								Performance with 100 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
3'000 rpm	439.5 GPM	15.4 ft	60.0hp	51.4 Hz	50.0hp	102.9 Hz	75.0hp	156.5 Hz	425.2 GPM	15.4 ft	100.0hp	51.4 Hz	60.0hp	102.9 Hz	100.0hp	156.5 Hz
2'500 rpm	361.0 GPM	12.5 ft	60.0hp	42.9 Hz	30.0hp	85.7 Hz	50.0hp	130.4 Hz	346.8 GPM	12.5 ft	75.0hp	42.9 Hz	40.0hp	85.7 Hz	60.0hp	130.4 Hz
2'300 rpm	329.7 GPM	11.5 ft	60.0hp	39.4 Hz	30.0hp	78.9 Hz	40.0hp	120.0 Hz	315.4 GPM	11.5 ft	75.0hp	39.4 Hz	40.0hp	78.9 Hz	50.0hp	120.0 Hz
2'100 rpm	298.3 GPM	10.5 ft	60.0hp	36.0 Hz	30.0hp	72.0 Hz	30.0hp	109.6 Hz	284.1 GPM	10.5 ft	75.0hp	36.0 Hz	40.0hp	72.0 Hz	40.0hp	109.6 Hz
1'900 rpm	266.9 GPM	9.5 ft	60.0hp	32.6 Hz	30.0hp	65.1 Hz	25.0hp	99.1 Hz	252.7 GPM	9.5 ft	75.0hp	32.6 Hz	40.0hp	65.1 Hz	30.0hp	99.1 Hz
1'700 rpm	235.5 GPM	8.9 ft	50.0hp	29.1 Hz	25.0hp	58.3 Hz	20.0hp	88.7 Hz	221.3 GPM	8.9 ft	75.0hp	29.1 Hz	40.0hp	58.3 Hz	25.0hp	88.7 Hz
1'500 rpm	204.2 GPM	8.2 ft	50.0hp	25.7 Hz	25.0hp	51.4 Hz	20.0hp	78.3 Hz	189.9 GPM	8.2 ft	75.0hp	25.7 Hz	40.0hp	51.4 Hz	25.0hp	78.3 Hz
1'300 rpm	172.8 GPM	7.5 ft	50.0hp	22.3 Hz	25.0hp	44.6 Hz	20.0hp	67.8 Hz	158.6 GPM	7.5 ft	75.0hp	22.3 Hz	40.0hp	44.6 Hz	25.0hp	67.8 Hz
1'100 rpm	141.4 GPM	6.9 ft	50.0hp	18.9 Hz	25.0hp	37.7 Hz	15.0hp	57.4 Hz	127.2 GPM	6.9 ft	75.0hp	18.9 Hz	40.0hp	37.7 Hz	25.0hp	57.4 Hz
900 rpm	110.0 GPM	6.2 ft	50.0hp	15.4 Hz	25.0hp	30.9 Hz	15.0hp	47.0 Hz	95.8 GPM	6.2 ft	75.0hp	15.4 Hz	40.0hp	30.9 Hz	20.0hp	47.0 Hz
700 rpm	78.7 GPM	5.9 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	15.0hp	36.5 Hz	64.4 GPM	5.9 ft	60.0hp	12.0 Hz	30.0hp	24.0 Hz	20.0hp	36.5 Hz
500 rpm	47.3 GPM	5.2 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	15.0hp	26.1 Hz	33.1 GPM	5.2 ft	60.0hp	8.6 Hz	30.0hp	17.1 Hz	20.0hp	26.1 Hz
300 rpm	15.9 GPM	5.2 ft	40.0hp	5.1 Hz	20.0hp	10.3 Hz	15.0hp	15.7 Hz	1.7 GPM	5.2 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz

Speed	Performance with 500 cp at 116 psi								Performance with 500 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
2'130 rpm	318.6 GPM	12.5 ft	75.0hp	36.5 Hz	40.0hp	73.0 Hz	40.0hp	111.1 Hz	312.3 GPM	12.5 ft	100.0hp	36.5 Hz	50.0hp	73.0 Hz	50.0hp	111.1 Hz
2'100 rpm	313.9 GPM	12.5 ft	75.0hp	36.0 Hz	40.0hp	72.0 Hz	40.0hp	109.6 Hz	307.6 GPM	12.5 ft	100.0hp	36.0 Hz	50.0hp	72.0 Hz	50.0hp	109.6 Hz
1'900 rpm	282.8 GPM	11.2 ft	75.0hp	32.6 Hz	40.0hp	65.1 Hz	30.0hp	99.1 Hz	276.5 GPM	11.2 ft	100.0hp	32.6 Hz	50.0hp	65.1 Hz	40.0hp	99.1 Hz
1'700 rpm	251.7 GPM	10.2 ft	75.0hp	29.1 Hz	40.0hp	58.3 Hz	25.0hp	88.7 Hz	245.4 GPM	10.2 ft	100.0hp	29.1 Hz	40.0hp	58.3 Hz	30.0hp	88.7 Hz
1'500 rpm	220.6 GPM	9.2 ft	60.0hp	25.7 Hz	30.0hp	51.4 Hz	20.0hp	78.3 Hz	214.3 GPM	9.2 ft	75.0hp	25.7 Hz	40.0hp	51.4 Hz	25.0hp	78.3 Hz
1'300 rpm	189.5 GPM	8.2 ft	60.0hp	22.3 Hz	30.0hp	44.6 Hz	20.0hp	67.8 Hz	183.2 GPM	8.2 ft	75.0hp	22.3 Hz	40.0hp	44.6 Hz	25.0hp	67.8 Hz
1'100 rpm	158.4 GPM	7.5 ft	60.0hp	18.9 Hz	30.0hp	37.7 Hz	20.0hp	57.4 Hz	152.1 GPM	7.5 ft	75.0hp	18.9 Hz	40.0hp	37.7 Hz	25.0hp	57.4 Hz
900 rpm	127.3 GPM	6.6 ft	50.0hp	15.4 Hz	25.0hp	30.9 Hz	20.0hp	47.0 Hz	121.0 GPM	6.6 ft	75.0hp	15.4 Hz	40.0hp	30.9 Hz	25.0hp	47.0 Hz
700 rpm	96.2 GPM	6.2 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	20.0hp	36.5 Hz	89.9 GPM	6.2 ft	75.0hp	12.0 Hz	40.0hp	24.0 Hz	25.0hp	36.5 Hz
500 rpm	65.1 GPM	5.6 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	15.0hp	26.1 Hz	58.7 GPM	5.6 ft	75.0hp	8.6 Hz	40.0hp	17.1 Hz	20.0hp	26.1 Hz
300 rpm	33.9 GPM	5.2 ft	50.0hp	5.1 Hz	25.0hp	10.3 Hz	15.0hp	15.7 Hz	27.6 GPM	5.2 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz
100 rpm	2.8 GPM	4.9 ft	40.0hp	1.7 Hz	20.0hp	3.4 Hz	15.0hp	5.2 Hz								

Speed	Performance with 1000 cp at 116 psi								Performance with 1000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
1'571 rpm	234.2 GPM	10.2 ft	75.0hp	26.9 Hz	40.0hp	53.9 Hz	25.0hp	82.0 Hz	229.1 GPM	10.2 ft	100.0hp	26.9 Hz	50.0hp	53.9 Hz	30.0hp	82.0 Hz
1'500 rpm	223.1 GPM	9.8 ft	75.0hp	25.7 Hz	40.0hp	51.4 Hz	25.0hp	78.3 Hz	218.0 GPM	9.8 ft	100.0hp	25.7 Hz	50.0hp	51.4 Hz	30.0hp	78.3 Hz
1'300 rpm	192.0 GPM	8.9 ft	75.0hp	22.3 Hz	40.0hp	44.6 Hz	20.0hp	67.8 Hz	186.9 GPM	8.9 ft	100.0hp	22.3 Hz	40.0hp	44.6 Hz	30.0hp	67.8 Hz
1'100 rpm	160.9 GPM	7.9 ft	60.0hp	18.9 Hz	30.0hp	37.7 Hz	20.0hp	57.4 Hz	155.8 GPM	7.9 ft	75.0hp	18.9 Hz	40.0hp	37.7 Hz	25.0hp	57.4 Hz
900 rpm	129.8 GPM	7.2 ft	60.0hp	15.4 Hz	30.0hp	30.9 Hz	20.0hp	47.0 Hz	124.7 GPM	7.2 ft	75.0hp	15.4 Hz	40.0hp	30.9 Hz	25.0hp	47.0 Hz
700 rpm	98.7 GPM	6.2 ft	50.0hp	12.0 Hz	25.0hp	24.0 Hz	20.0hp	36.5 Hz	93.6 GPM	6.2 ft	75.0hp	12.0 Hz	40.0hp	24.0 Hz	25.0hp	36.5 Hz
500 rpm	67.6 GPM	5.9 ft	50.0hp	8.6 Hz	25.0hp	17.1 Hz	20.0hp	26.1 Hz	62.5 GPM	5.9 ft	75.0hp	8.6 Hz	40.0hp	17.1 Hz	25.0hp	26.1 Hz
300 rpm	36.4 GPM	5.2 ft	50.0hp	5.1 Hz	25.0hp	10.3 Hz	15.0hp	15.7 Hz	31.4 GPM	5.2 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz
100 rpm	5.3 GPM	4.9 ft	40.0hp	1.7 Hz	20.0hp	3.4 Hz	15.0hp	5.2 Hz	0.2 GPM	4.9 ft	60.0hp	1.7 Hz	30.0hp	3.4 Hz	20.0hp	5.2 Hz

Speed	Performance with 5000 cp at 116 psi								Performance with 5000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
853 rpm	127.1 GPM	8.2 ft	75.0hp	14.6 Hz	40.0hp	29.2 Hz	25.0hp	44.5 Hz	124.2 GPM	8.2 ft	100.0hp	14.6 Hz	50.0hp	29.2 Hz	30.0hp	44.5 Hz
700 rpm	103.3 GPM	7.2 ft	75.0hp	12.0 Hz	40.0hp	24.0 Hz	25.0hp	36.5 Hz	100.4 GPM	7.2 ft	100.0hp	12.0 Hz	40.0hp	24.0 Hz	30.0hp	36.5 Hz
500 rpm	72.1 GPM	6.2 ft	60.0hp	8.6 Hz	30.0hp	17.1 Hz	20.0hp	26.1 Hz	69.3 GPM	6.2 ft	75.0hp	8.6 Hz	40.0hp	17.1 Hz	25.0hp	26.1 Hz
300 rpm	41.0 GPM	5.6 ft	50.0hp	5.1 Hz	25.0hp	10.3 Hz	20.0hp	15.7 Hz	38.2 GPM	5.6 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz
100 rpm	9.9 GPM	4.9 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	15.0hp	5.2 Hz	7.1 GPM	4.9 ft	60.0hp	1.7 Hz	30.0hp	3.4 Hz	20.0hp	5.2 Hz

Speed	Performance with 10,000 mPas at 116 psi								Performance with 10,000 mPas at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
677 rpm	101.5 GPM	7.5 ft	75.0hp	11.6 Hz	40.0hp	23.2 Hz	25.0hp	35.3 Hz	99.6 GPM	7.5 ft	100.0hp	11.6 Hz	50.0hp	23.2 Hz	30.0hp	35.3 Hz
600 rpm	89.5 GPM	7.2 ft	75.0hp	10.3 Hz	40.0hp	20.6 Hz	25.0hp	31.3 Hz	87.6 GPM	7.2 ft	100.0hp	10.3 Hz	50.0hp	20.6 Hz	30.0hp	31.3 Hz
500 rpm	74.0 GPM	6.6 ft	60.0hp	8.6 Hz	30.0hp	17.1 Hz	20.0hp	26.1 Hz	72.1 GPM	6.6 ft	100.0hp	8.6 Hz	40.0hp	17.1 Hz	30.0hp	26.1 Hz
400 rpm	58.4 GPM	6.2 ft	60.0hp	6.9 Hz	30.0hp	13.7 Hz	20.0hp	20.9 Hz	56.5 GPM	6.2 ft	75.0hp	6.9 Hz	40.0hp	13.7 Hz	25.0hp	20.9 Hz
300 rpm	42.9 GPM	5.6 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz	41.0 GPM	5.6 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz
200 rpm	27.3 GPM	5.2 ft	50.0hp	3.4 Hz	25.0hp	6.9 Hz	20.0hp	10.4 Hz	25.4 GPM	5.2 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz
100 rpm	11.8 GPM	4.9 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	15.0hp	5.2 Hz	9.9 GPM	4.9 ft	60.0hp	1.7 Hz	30.0hp	3.4 Hz	20.0hp	5.2 Hz

Speed	Performance with 20,000 cp at 116 psi								Performance with 20,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
546 rpm	81.3 GPM	7.5 ft	75.0hp	9.4 Hz	40.0hp	18.7 Hz	25.0hp	28.5 Hz	79.4 GPM	7.5 ft	100.0hp	9.4 Hz	50.0hp	18.7 Hz	30.0hp	28.5 Hz
400 rpm	58.6 GPM	6.6 ft	75.0hp	6.9 Hz	40.0hp	13.7 Hz	20.0hp	20.9 Hz	56.7 GPM	6.6 ft	100.0hp	6.9 Hz	40.0hp	13.7 Hz	30.0hp	20.9 Hz
300 rpm	43.0 GPM	5.9 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz	41.2 GPM	5.9 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz
200 rpm	27.5 GPM	5.6 ft	50.0hp	3.4 Hz	25.0hp	6.9 Hz	20.0hp	10.4 Hz	25.6 GPM	5.6 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz
100 rpm	11.9 GPM	5.2 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	15.0hp	5.2 Hz	10.1 GPM	5.2 ft	60.0hp	1.7 Hz	30.0hp	3.4 Hz	20.0hp	5.2 Hz

Speed	Performance with 30,000 cp at 116 psi								Performance with 30,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
485 rpm	72.3 GPM	7.2 ft	75.0hp	8.3 Hz	40.0hp	16.6 Hz	25.0hp	25.3 Hz	70.7 GPM	7.2 ft	100.0hp	8.3 Hz	50.0hp	16.6 Hz	30.0hp	25.3 Hz
450 rpm	66.9 GPM	6.9 ft	75.0hp	7.7 Hz	40.0hp	15.4 Hz	25.0hp	23.5 Hz	65.3 GPM	6.9 ft	100.0hp	7.7 Hz	50.0hp	15.4 Hz	30.0hp	23.5 Hz
400 rpm	59.1 GPM	6.6 ft	75.0hp	6.9 Hz	40.0hp	13.7 Hz	25.0hp	20.9 Hz	57.5 GPM	6.6 ft	100.0hp	6.9 Hz	50.0hp	13.7 Hz	30.0hp	20.9 Hz
350 rpm	51.3 GPM	6.2 ft	75.0hp	6.0 Hz	40.0hp	12.0 Hz	25.0hp	18.3 Hz	49.7 GPM	6.2 ft	100.0hp	6.0 Hz	40.0hp	12.0 Hz	30.0hp	18.3 Hz
300 rpm	43.5 GPM	5.9 ft	60.0hp	5.1 Hz	30.0hp	10.3 Hz	20.0hp	15.7 Hz	42.0 GPM	5.9 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz
250 rpm	35.8 GPM	5.9 ft	60.0hp	4.3 Hz	30.0hp	8.6 Hz	20.0hp	13.0 Hz	34.2 GPM	5.9 ft	75.0hp	4.3 Hz	40.0hp	8.6 Hz	25.0hp	13.0 Hz
200 rpm	28.0 GPM	5.6 ft	60.0hp	3.4 Hz	30.0hp	6.9 Hz	20.0hp	10.4 Hz	26.4 GPM	5.6 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz
100 rpm	12.4 GPM	5.2 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	15.0hp	5.2 Hz	10.9 GPM	5.2 ft	75.0hp	1.7 Hz	40.0hp	3.4 Hz	20.0hp	5.2 Hz

Speed	Performance with 40,000 cp at 116 psi								Performance with 40,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
447 rpm	66.8 GPM	7.2 ft	75.0hp	7.7 Hz	40.0hp	15.3 Hz	25.0hp	23.3 Hz	65.5 GPM	7.2 ft	100.0hp	7.7 Hz	50.0hp	15.3 Hz	30.0hp	23.3 Hz
400 rpm	59.5 GPM	6.9 ft	75.0hp	6.9 Hz	40.0hp	13.7 Hz	25.0hp	20.9 Hz	58.2 GPM	6.9 ft	100.0hp	6.9 Hz	50.0hp	13.7 Hz	30.0hp	20.9 Hz
350 rpm	51.7 GPM	6.6 ft	75.0hp	6.0 Hz	40.0hp	12.0 Hz	25.0hp	18.3 Hz	50.4 GPM	6.6 ft	100.0hp	6.0 Hz	50.0hp	12.0 Hz	30.0hp	18.3 Hz
300 rpm	43.9 GPM	6.2 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	20.0hp	15.7 Hz	42.6 GPM	6.2 ft	100.0hp	5.1 Hz	40.0hp	10.3 Hz	30.0hp	15.7 Hz
250 rpm	36.2 GPM	5.9 ft	60.0hp	4.3 Hz	30.0hp	8.6 Hz	20.0hp	13.0 Hz	34.8 GPM	5.9 ft	75.0hp	4.3 Hz	40.0hp	8.6 Hz	25.0hp	13.0 Hz
200 rpm	28.4 GPM	5.6 ft	60.0hp	3.4 Hz	30.0hp	6.9 Hz	20.0hp	10.4 Hz	27.0 GPM	5.6 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz
100 rpm	12.8 GPM	5.2 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	15.0hp	5.2 Hz	11.5 GPM	5.2 ft	75.0hp	1.7 Hz	40.0hp	3.4 Hz	25.0hp	5.2 Hz

Speed	Performance with 70,000 cp at 116 psi								Performance with 70,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
383 rpm	57.6 GPM	7.2 ft	75.0hp	6.6 Hz	40.0hp	13.1 Hz	25.0hp	20.0 Hz	56.6 GPM	7.2 ft	100.0hp	6.6 Hz	50.0hp	13.1 Hz	40.0hp	20.0 Hz
350 rpm	52.5 GPM	6.9 ft	75.0hp	6.0 Hz	40.0hp	12.0 Hz	25.0hp	18.3 Hz	51.5 GPM	6.9 ft	100.0hp	6.0 Hz	50.0hp	12.0 Hz	30.0hp	18.3 Hz
300 rpm	44.7 GPM	6.6 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz	43.7 GPM	6.6 ft	100.0hp	5.1 Hz	50.0hp	10.3 Hz	30.0hp	15.7 Hz
250 rpm	36.9 GPM	6.2 ft	75.0hp	4.3 Hz	40.0hp	8.6 Hz	25.0hp	13.0 Hz	35.9 GPM	6.2 ft	100.0hp	4.3 Hz	40.0hp	8.6 Hz	30.0hp	13.0 Hz
200 rpm	29.2 GPM	5.9 ft	60.0hp	3.4 Hz	30.0hp	6.9 Hz	20.0hp	10.4 Hz	28.2 GPM	5.9 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz
150 rpm	21.4 GPM	5.6 ft	60.0hp	2.6 Hz	30.0hp	5.1 Hz	20.0hp	7.8 Hz	20.4 GPM	5.6 ft	75.0hp	2.6 Hz	40.0hp	5.1 Hz	25.0hp	7.8 Hz
100 rpm	13.6 GPM	5.2 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	20.0hp	5.2 Hz	12.6 GPM	5.2 ft	75.0hp	1.7 Hz	40.0hp	3.4 Hz	25.0hp	5.2 Hz

Speed	Performance with 100,000 cp at 116 psi								Performance with 100,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
349 rpm	52.7 GPM	7.2 ft	100.0hp	6.0 Hz	40.0hp	12.0 Hz	30.0hp	18.2 Hz	52.0 GPM	7.2 ft	100.0hp	6.0 Hz	50.0hp	12.0 Hz	40.0hp	18.2 Hz
300 rpm	45.1 GPM	6.6 ft	75.0hp	5.1 Hz	40.0hp	10.3 Hz	25.0hp	15.7 Hz	44.3 GPM	6.6 ft	100.0hp	5.1 Hz	50.0hp	10.3 Hz	30.0hp	15.7 Hz
250 rpm	37.3 GPM	6.2 ft	75.0hp	4.3 Hz	40.0hp	8.6 Hz	25.0hp	13.0 Hz	36.6 GPM	6.2 ft	100.0hp	4.3 Hz	50.0hp	8.6 Hz	30.0hp	13.0 Hz
200 rpm	29.6 GPM	5.9 ft	60.0hp	3.4 Hz	30.0hp	6.9 Hz	20.0hp	10.4 Hz	28.8 GPM	5.9 ft	100.0hp	3.4 Hz	40.0hp	6.9 Hz	30.0hp	10.4 Hz
150 rpm	21.8 GPM	5.6 ft	60.0hp	2.6 Hz	30.0hp	5.1 Hz	20.0hp	7.8 Hz	21.0 GPM	5.6 ft	75.0hp	2.6 Hz	40.0hp	5.1 Hz	25.0hp	7.8 Hz
100 rpm	14.0 GPM	5.2 ft	50.0hp	1.7 Hz	25.0hp	3.4 Hz	20.0hp	5.2 Hz	13.2 GPM	5.2 ft	75.0hp	1.7 Hz	40.0hp	3.4 Hz	25.0hp	5.2 Hz

Speed	Performance with 200,000 cp at 116 psi								Performance with 200,000 cp at 174 psi							
pump head	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz	Flowrate	NPSH	2-pole	Hz	4-pole	Hz	6-pole	Hz
293 rpm	44.6 GPM	7.2 ft	100.0hp	5.0 Hz	50.0hp	10.0 Hz	30.0hp	15.3 Hz	44.1 GPM	7.2 ft	100.0hp	5.0 Hz	50.0hp	10.0 Hz	40.0hp	15.3 Hz
250 rpm	37.9 GPM	6.6 ft	75.0hp	4.3 Hz	40.0hp	8.6 Hz	25.0hp	13.0 Hz	37.5 GPM	6.6 ft	100.0hp	4.3 Hz	50.0hp	8.6 Hz	30.0hp	13.0 Hz
200 rpm	30.2 GPM	6.2 ft	75.0hp	3.4 Hz	40.0hp	6.9 Hz	25.0hp	10.4 Hz	29.7 GPM	6.2 ft	100.0hp	3.4 Hz	50.0hp	6.9 Hz	30.0hp	10.4 Hz
150 rpm	22.4 GPM	5.6 ft	60.0hp	2.6 Hz	30.0hp	5.1 Hz	20.0hp	7.8 Hz	21.9 GPM	5.6 ft	100.0hp	2.6 Hz	40.0hp	5.1 Hz	25.0hp	7.8 Hz
100 rpm	14.6 GPM	5.2 ft	60.0hp	1.7 Hz	30.0hp	3.4 Hz	20.0hp	5.2 Hz	14.1 GPM	5.2 ft	75.0hp	1.7 Hz	40.0hp	3.4 Hz	25.0hp	5.2