

The size of the ROTOR and STATOR Pumping Elements required to deliver the required capacity at the viscosity of the fluid are set forth in TABLE No. 2. Select Elements large enough to deliver more than the required capacity when operating at the maximum speed shown.

TABLE 2 is based on viscosities for one fluid and will not be correct for slurries or emulsions where each of which have different viscosities. The recommended pumping speed for a mixture of fluids having different viscosities should be an approximate average of the several fluids.

TABLE NO. 2

Pump Frame Size - Viscosity - Pumping Elements Size

Pump Frame Size	Size Pumping Element		Viscosity (Centipoises)						
			1 to 1000	1000 to 2500	2500 to 5000	5000 to 10,000	10,000 to 50,000	50,000 to 100,000	100,000 to 150,000
2CM1, 6CM1	1	MAX. RPM	1200	900	450	250	125	40	20
		MAX. GPM	0.58	0.50	0.25	0.14	0.07	0.02	0.01
1CL2, 2CL2, 3CL2 6CM2	2	MAX. RPM	1200	900	450	250	125	40	20
		MAX. GPM	3.0	2.4	1.2	0.7	0.35	0.1	0.05
1CL3, 2CL3, 3CL3 6CM3	3	MAX. RPM	1200	900	450	250	125	40	20
		MAX. GPM	10.0	7.8	3.9	2.2	1.1	0.35	0.17
1CL4, 2CL4, 3CL4 6CM4	4	MAX. RPM	1200	900	450	250	125	40	20
		MAX. GPM	24.0	18.0	9.0	5.0	2.5	0.8	0.4
1CL6, 2CL6, 3CL6	6	MAX. RPM	900	900	450	250	125	40	20
		MAX. GPM	47.0	47.0	23.5	13.0	6.5	2.0	1.0
1CL8, 2CL8, 3CL8	8	MAX. RPM	900	900	450	250	125	40	20
		MAX. GPM	100	100	53.0	29.0	14.5	4.7	2.3
1CL10, 3CL10, 3CL10	10	MAX. RPM	750	750	450	250	125	40	20
		MAX. GPM	140	140	85.0	47.0	24.0	7.5	3.8
1CL10H, 2CL10H	10H	MAX. RPM	750	750	450	250	125	40	20
		MAX. GPM	210	210	125	70.0	35.0	11.0	5.5
1CL12, 2CL12, 3CL12	12	MAX. RPM	600	600	450	250	125	40	20
		MAX. GPM	261	261	196	109	54.4	17.4	8.7
1CL12H, 2CL12H	12H	MAX. RPM	600	600	450	250	125	40	20
		MAX. GPM	391	391	293	163	81.5	26	13