

Technical Specifications Of Cooling Towers

1. 375 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
3	2.2	V160M	108	12	450	68	0.38
4	3	V160L	130	14.5	450	68	0.42
6	4.5	V180M	225	17	340	73	0.5
8.5	6.5	V200L	255	23.5	340	74	0.52
12.5	9.3	V225M	325	31.5	350	77	0.53
15	11	V225M	350	36.5	350	78	0.54

2. 500 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
4	3	V160M	108	13.5	450	68	0.45
5	3.7	V160L	130	17	450	68	0.45
7.5	5.5	V180M	210	21.5	460	74	0.48
10	7.5	V180M	225	26	460	78	0.51
12.5	9.3	V200L	255	30	470	79	0.55
15	11	V225M	320	35	480	80	0.55
20	15	V225M	350	46	480	80	0.57

3. 600 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
5	3.7	V160M	108	12.5	560	74	0.56
7.5	5.5	V160L	130	18.5	560	77	0.54
10	7.5	V180M	196	22	570	81	0.59
12.5	9.3	V180L	210	27	570	81	0.59
15	11	V180L	225	32	580	83	0.58
20	15	V200M	280	35	580	87	0.69
25	18.5	V225M	350	43.5	580	87.5	0.68

4. 750 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
1	0.75	V100L	31	2.6	700	69	0.58
1.5	1.1	V100L	34	3.4	700	76	0.59
2	1.5	V112M	39	4.3	700	77	0.63
3	2.2	V132S	57.5	5.2	710	81	0.73
5	3.7	V132M	74.5	9	720	82	0.7
5	3.7	V160M	106	9	720	83	0.69
7.5	5.5	V160M	127	13	720	83	0.71
10	7.5	V160L	194	18	710	84.5	0.69
12.5	9.3	V180L	210	21	710	85	0.72
15	11	V180L	225	25	710	85	0.72
20	15	V200L	280	31	710	88	0.76
25	18.5	V225M	350	38	725	89	0.76
30	22	V225M	375	45.5	730	89	0.76

5. 1000 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
0.5	0.37	V80	14	1.2	900	68	0.63
0.75	0.55	V80	15.5	1.7	900	71	0.63
1	0.75	V90	22	2.3	900	72	0.63
1.5	1.1	V90	24	3	900	74	0.69
2	1.5	V100L	33.5	3.9	910	78	0.69
3	1.1	V112M	44	5	940	79	0.77

6. 1500 RPM (Synchronous)

OUTPUT IN		FRAME	NET WEIGHT kgs	FULL LOAD			
HP	kw			CURRENT T (A)	SPEED RPM	EFFICIENCY NCY	COS ϕ
0.5	0.37	V71	10	1.2	1370	67	0.64
0.75	0.55	V80	14.5	1.6	1390	72	0.66
1	0.75	V80	15	2.1	1400	73	0.68
1.5	1.1	V90	19.5	2.8	1400	75	0.73
2	1.5	V90	23	3.5	1400	78	0.76

SALIENT FEATURES

- * THE MOTORS ARE RUGGED IN CONSTRUCTION AND ARE DESIGNED
- * MOTORS WITH IP55 DEGREE OF PROTECTION TO RESTRICT WATER
- * SHAFT EXTENSION AS PER CUSTOMER REQUIREMENT (CAN BE
- * ROTORS USED ARE PRESSURE DIECAST AND DYNAMICALLY
- * STATOR STACKS ARE PREWOUND AND FITTED IN CAST IRON FRAMES
- * CONNECTIONS ARE MADE BY ELECTRIC BRAZING TO ELIMINATE
- * WINDING VARNISHED USING VACUUM IMPREGNATION AND TREATED
- * BEARINGS ARE SHRUNK FIT ON BEARING SEATS WHICH ARE GROUND
- * MOTORS GENERALLY ARE TOTALLY ENCLOSED AIR OVER MOTOR
- * TOTALLY ENCLOSED FAN COOLED MOTORS CAN ALSO BE PROVIDED
- * GEARED MOTORS FOR SPEED LOWER THAN 375RPM CAN BE

For any other non-standard requirement please contact us.