

TEFC 3 Ph. Slip-ring Induction Motors Crane & Hoist Duty Fr. 100L To 160L

Voltage : 415V ± 10%
 Frequency : 50Hz ± 5%
 Combined Variation : ± 10%

Ambient : 45°C
 Duty : S3/S4/S5

Ins. Class Stator/Rotor : F/F
 Temp. Rise Stator/Rotor : B/F
 Protection : IP55

Table-2 B

1000 rpm (6-pole)

	Frame size IEC	Type Ref. B3 Construction	25% CDF					40% CDF					60% CDF					Rotor O.C.V.	Gd ² Rotor	Kgm ² Load	Wt. Of motor Kg.
			kW	RPM	Pullout Torque to Rated Torque Ratio	Line Amps		kW	RPM	Pullout Torque to Rated Torque Ratio	Line Amps		kW	RPM	Pullout Torque to Rated Torque Ratio	Line Amps					
						Stator	Rotor				Stator	Rotor				Stator	Rotor				
60 stars per hour	100L	MP10L613	1.3	800	1.75	3.8	17.0	1.1	850	2.2	3.5	13.0	1.0	870	2.5	3.4	12.0	65	0.034	0.09	37
	100L	MP10L623	1.9	785	2.0	5.4	18.5	1.5	870	2.8	5.0	13.0	1.3	890	3.3	4.7	11.0	80	0.038	0.1	40
	112M	MP11M623	2.6	820	2.2	9.8	22.5	2.4	840	2.2	6.4	20.5	2.1	870	2.7	6.0	17.1	90	0.068	0.17	58
	112M	MP11M643	3.8	830	2.0	9.6	23.5	3.3	850	2.3	8.6	20.5	2.8	880	2.8	8.2	17.0	115	0.076	0.19	61
	132M	MP13M613	4.8	860	2.1	12.5	32.5	4.0	890	2.6	11.0	26.0	3.4	910	3.0	9.7	21.0	110	0.153	0.38	90
	132M	MP13M663	6.6	870	1.9	16	35.0	5.5	895	2.5	13.3	26.5	4.8	915	2.9	12.4	23.0	140	0.18	0.45	94
	160L	MP16L613	8.0	900	2.0	18.1	33.0	7.0	920	2.1	15.8	31.3	6.5	930	2.5	14.7	27.2	165	0.31	0.77	129
	160L	MP16L653	11.5	890	1.6	25.3	46.2	10.0	915	1.8	21.0	28	9.0	920	2.1	19.8	25.2	240	0.378	0.94	139
150 stars per hour	100L	MP10L613	1.3	800	1.75	3.8	17.0	1.1	850	2.2	3.5	13.0	1.0	870	2.5	3.4	12.0	65	0.034	0.09	37
	100L	MP10L623	1.8	810	2.2	5.3	17.0	1.5	870	2.8	5.0	13.0	1.3	890	3.3	4.7	11.0	80	0.038	0.1	40
	112M	MP11M623	2.6	820	2.0	6.8	22.5	2.3	850	2.4	6.2	19.5	2.0	875	2.8	5.9	16.0	90	0.068	0.17	58
	112M	MP11M643	3.8	830	2.0	9.6	23.5	3.2	855	2.4	8.5	20.0	2.7	885	3.0	8.1	16.5	115	0.076	0.19	61
	132M	MP13M613	4.5	865	2.2	11.9	30.0	3.7	895	2.8	10.4	23.5	3.2	915	3.3	9.4	19.5	110	0.153	0.38	90
	132M	MP13M663	6.5	870	2.0	15.1	34.0	5.4	895	2.7	13.2	25.0	4.6	920	3.0	12.0	22.0	140	0.18	0.45	94
	160M	MP16M613	8.0	900	2.0	18.1	33.0	7.0	920	2.3	15.8	29	6.0	930	2.7	13.4	25	165	0.31	0.77	129
	160L	MP16L653	10.5	900	1.8	23.1	29.4	9.5	915	1.9	21.0	28	8.6	930	2.25	18.5	24	240	0.378	0.94	139
300 stars per hour	100L	MP10L613	1.3	800	1.75	3.8	17.0	1.1	850	2.2	3.5	13.0	0.9	890	2.8	3.3	10.5	65	0.034	0.09	37
	100L	MP10L623	1.8	810	2.2	5.3	17.0	1.5	870	2.8	5.0	13.0	1.3	890	3.3	4.7	11.0	80	0.038	0.1	40
	112M	MP11M623	2.6	820	2.0	6.8	22.5	2.3	850	2.4	6.2	19.5	1.9	880	3.0	5.7	15.0	90	0.068	0.17	58
	112M	MP11M643	3.6	840	2.1	9.2	22.0	3.0	870	2.6	8.3	18.5	2.6	890	3.1	8.0	16.0	115	0.076	0.19	61
	132M	MP13M613	4.0	890	2.6	11.0	26.0	3.4	905	3.0	9.7	21.0	3.0	920	3.5	9.0	18.0	110	0.153	0.38	90
	132M	MP13M663	6.1	875	2.2	14.6	30.0	5.1	900	2.7	12.5	24.0	4.4	930	3.2	11.5	20.5	140	0.18	0.45	94
	160M	MP16M613	6.7	920	2.4	15.2	28.0	5.5	940	2.9	12.3	23	5.0	945	3.2	11.2	21	165	0.31	0.77	129
	160L	MP16L653	9.0	920	2.1	19.8	25.2	8.0	935	2.4	17.4	22.6	7.5	940	2.5	16.5	21	240	0.378	0.94	139