

No. of Phases		3	Noise Standard		IS:12065	
Frame Designation		200L	Duty		S1	
Rated Output	kW	22.0	Insulation Class		F	
	HP	30.0	Cooling IS:6362		IC411	
No. of Poles		6	Terminal Box Details	Type	HM5GN	
Rated Voltage		V		Terminal Size	M8	
Rated Frequency		Hz		No. of Terminal	6	
Rated Current		A		Max. cable size (Cu)	mm ² 2x3Cx70.0	
Rated Speed		rpm	975	DE	6312	
Rated Torque		kgm	21.98	NDE	6312	
Efficiency	Full load	%	90.9	Bearing Data	Lubrication	Mobil / Unirex N3
	3/4 load	%	90.9		Life L10 (Direct coupled)	hrs. 50,000
	1/2 load	%	87.5		Regreasing Time	hrs. 8,000
Power factor	Full load		0.80		Lifting Eyebolt IS:4190	M16
	3/4 load		0.75	Motor Weight (approx)	kg 305.0	
	1/2 load		0.65	Rotor GD ²	kgm ² 1.1642	
Max. Temp. Rise (Res.)		°C	70	Ambient Temp.	°C 50	
Acceleration Time		sec.	-	Overall Dimensions of Packed motor (LxBxH) (mm)		
Stator Connection			D	-		
Tropicalised? (Yes / No)			Yes	Voltage Variation ±	% 10	
I_{st} / I_r			7.0	Frequency Variation ±	% 5	
T_{st} / T_r			2.1	Combiend Variation ±	% 10	
T_{po} / T_r			2.5	Brake	Size	31
Locked rotor withstand time	Hot	sec.	7		Torque	Nm 600
	Cold	sec.	16		Safety Factor	2.78
Reference Standard			IS:12615		Release time	ms 500
Protection IS:4691			IP 54		Volts (DC)	V 190
Vibration Standard			IS:12075	Data subject to tolerance as per IS: 12615		

Remarks: (1) Efficiency Class : IE2
(2) Motor Construction : TEFC

Prep.: SK

Chkd.: SPJ

Date: 07/05/2020

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