

No. of Phases		3	Noise Standard		IS:12065	
Frame Designation		200L	Duty		S1	
Rated Output	kW	30.0	Insulation Class		F	
	HP	40.0	Cooling IS:6362		IC411	
No. of Poles		4	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 <sup>2</sup> 2x3Cx70.0	
Rated Speed		rpm	1465	Bearing Data	DE	6312
Rated Torque		kgm	19.95		NDE	6312
Efficiency	Full load	%	92.3	Lubrication	Mobil / Unirex N3	
	3/4 load	%	92.3	Life L10 (Direct coupled)	hrs. 50,000	
	1/2 load	%	91.0	Regreasing Time	hrs. 8,000	
Power factor	Full load		0.84	Lifting Eyebolt IS:4190	M16	
	3/4 load		0.80	Motor Weight (approx)	kg 299.0	
	1/2 load		0.74	Rotor GD <sup>2</sup>	kgm <sup>2</sup> 0.7298	
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	
$T_{st} / T_r$			2.3	Combiend Variation ±	% 10	
$T_{po} / T_r$			2.6	Brake	Size	25
Locked rotor withstand time	Hot	sec.	7		Torque	Nm 400
	Cold	sec.	17		Safety Factor	2.04
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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