

No. of Phases		3	Noise Standard		IS:12065	
Frame Designation		80	Duty		S1	
Rated Output	kW	1.1	Insulation Class		F	
	HP	1.5	Cooling IS:6362		IC411	
No. of Poles		2	Terminal Box Details	Type	HM2GN	
Rated Voltage		V		415	Terminal Size	M4
Rated Frequency		Hz		50	No. of Terminal	6
Rated Current		A		2.4	Max. cable size (Cu) mm ²	1x3Cx4.0
Rated Speed		rpm	2845	Bearing Data	DE	6204ZZ
Rated Torque		kgm	0.38		NDE	6204ZZ
Efficiency	Full load	%	79.6	Lubrication	Prelubricated	
	3/4 load	%	79.6	Life L10 (Direct coupled) hrs.	50,000	
	1/2 load	%	76.0	Regreasing Time hrs.	-	
Power factor	Full load		0.80	Lifting Eyebolt IS:4190	-	
	3/4 load		0.77	Motor Weight (approx) kg	17.5	
	1/2 load		0.73	Rotor GD ² kgm ²	0.0049	
Max. Temp. Rise (Res.) °C		70	Ambient Temp. °C		50	
Acceleration Time sec.		-	Overall Dimensions of Packed motor (LxBxH) (mm)			
Stator Connection		Y				
Tropicalised? (Yes / No)		Yes	Voltage Variation ± %		10	
I_{st} / I_r		6.5	Frequency Variation ± %		5	
T_{st} / T_r		2.4	Combiend Variation ± %		10	
T_{po} / T_r		2.7	Brake	Size	08	
Locked rotor withstand time	Hot sec.	5		Torque Nm	8	
	Cold sec.	11		Safety Factor	2.17	
Reference Standard		IS:12615		Release time ms	65	
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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