

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		160L	Protection IS:4691		IP 55	
Rated Output	kW	9.3	Vibration Standard		IS:12075	
	HP	12.5	Noise Standard		IS:12065	
No. of Poles		6	Duty		S1	
Rated Voltage	V	415	Insulation Class/Temp. Rise class		F/B	
Rated Frequency	Hz	50	Cooling IS:6362		IC418	
Rated Current	A	18.0	Terminal Box Details	Type	HM4GN	
Rated Speed	rpm	970		Terminal Size	M6	
Rated Torque	kgm	9.34		No. of Terminal	6	
Efficiency	Full load	%	88.1	Bearing Data	Max. cable size (Cu) mm ²	2x3Cx25.0
	3/4 load	%	88.1		DE	6309ZZ
	1/2 load	%	85.0		NDE	6209ZZ
Power factor	Full load		0.82	Lubrication	Prelubricated	
	3/4 load		0.77	Life L10 (Direct Coupled) hrs.	50,000	
	1/2 load		0.65	Regreasing Time hrs.	-	
Max. Temp. Rise (Res.)	°C	70	Lifting Eyebolt		M12	
Acceleration Time	sec.	-	Motor Weight (approx)		kg -	
Stator Connection		D	Rotor GD ²		kgm ² 0.3440	
Tropicalised? (Yes / No)		Yes	Ambient Temp.		°C 50	
I _{st} / I _r		7.0		Overall Dimensions of Packed motor (LxBxH) (mm)		
T _{st} / T _r		2.1				
T _{po} / T _r		2.5		Voltage Variation ±	% 10	
Locked rotor withstand time	Hot	sec.	6	Frequency Variation ±	% 5	
	Cold	sec.	13	Combiend Variation ±	% 10	

Customer Specific Requirements & Remarks

(1) Efficiency Class : IE2

(2) Motor Construction : TEAO

(3) Motor Mounting : IM B5

Data subject to tolerance as per IEC 60034-1

Prep.: SK

Chkd.: SPJ

Date: 07/05/2020

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