

No. of Phases		3	Reference Standard		IS:325	
Frame Designation		200L	Protection IS:4691		IP 55	
Rated Output	kW	15.0	Vibration Standard		IS:12075	
	HP	20.0	Noise Standard		IS:12065	
No. of Poles		0	Duty		S1	
Rated Voltage	V	415	Insulation Class/Temp. Rise class		F/B	
Rated Frequency	Hz	50	Cooling IS:6362		IC418	
Rated Current	A	34.0	Terminal Box Details	Type	HM5GN	
Rated Speed	rpm	575		Terminal Size	M8	
Rated Torque	kgm	25.41		No. of Terminal	6	
Efficiency	Full load	%	86.5	Max. cable size (Cu)	mm <sup>2</sup> 2x3Cx70.0	
	3/4 load	%	86.0	DE	6312	
	1/2 load	%	84.0	NDE	6312	
Power factor	Full load		0.71	Lubrication	Mobil / Unirex N3	
	3/4 load		0.63	Life L10 (Direct Coupled)	hrs. 50,000	
	1/2 load		0.52	Regreasing Time	hrs. 8,000	
Max. Temp. Rise (Res.)	°C	70	Lifting Eyebolt		M16	
Acceleration Time	sec.	-	Motor Weight (approx)		kg -	
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 1.2654	
Tropicalised? (Yes / No)		Yes	Ambient Temp.		°C 50	
I <sub>st</sub> / I <sub>r</sub>		4.5	Overall Dimensions of Packed motor (LxBxH) (mm)			
T <sub>st</sub> / T <sub>r</sub>		2.0				
T <sub>po</sub> / T <sub>r</sub>		2.2	Voltage Variation ±		% 10	
Locked rotor withstand time	Hot	sec.	-	Frequency Variation ±		% 5
	Cold	sec.	-	Combiend Variation ±		% 10

**Customer Specific Requirements & Remarks**

(1) Efficiency Class : EFF2

(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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