

No. of Phases		3	Noise Standard		IS:12065
Frame Designation		225MX	Duty		S1
Rated Output	kW	30.0	Insulation Class		F
	HP	40.0	Cooling IS:6362		IC411
No. of Poles		6	Terminal Box Details	Type	HM5GN
Rated Voltage		V 415		Terminal Size	M8
Rated Frequency		Hz 50		No. of Terminal	6
Rated Current		A 56.0		Max. cable size (Cu) mm ²	2x3Cx70.0
Rated Speed		rpm 975	Bearing Data	DE	6313
Rated Torque		kgm 29.97		NDE	6313
Efficiency	Full load	% 91.7	Lubrication	Mobil / Unirex N3	
	3/4 load	% 91.7	Life L10 (Direct coupled)	hrs.	50,000
	1/2 load	% 88.0	Regreasing Time	hrs.	8,000
Power factor	Full load	0.81	Lifting Eyebolt IS:4190		M16
	3/4 load	0.77	Motor Weight (approx)	kg	422.0
	1/2 load	0.66	Rotor GD ²	kgm ²	1.4702
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		2.4	Brake	Size	31
Locked rotor withstand time	Hot	sec. 11		Torque	Nm 600
	Cold	sec. 24		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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