

No. of Phases		3	Noise Standard		IS:12065
Frame Designation		100L	Duty		S1
Rated Output	kW	3.7	Insulation Class		F
	HP	5.0	Cooling IS:6362		IC411
No. of Poles		2	Terminal Box Details	Type	HM3GN
Rated Voltage		V 415		Terminal Size	M5
Rated Frequency		Hz 50		No. of Terminal	6
Rated Current		A 7.2		Max. cable size (Cu) mm ²	2x3Cx10.0
Rated Speed		rpm 2900	Bearing Data	DE	6206ZZ
Rated Torque		kgm 1.24		NDE	6206ZZ
Efficiency	Full load	% 85.5	Lubrication	Prelubricated	
	3/4 load	% 85.5		Life L10 (Direct coupled) hrs.	50,000
	1/2 load	% 82.0		Regreasing Time hrs.	-
Power factor	Full load	0.84		Lifting Eyebolt IS:4190	
	3/4 load	0.81	Motor Weight (approx) kg	36.0	
	1/2 load	0.77	Rotor GD ² kgm ²	0.0130	
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		2.4	Combiend Variation ± %		10
T _{po} / T _r		2.8	Brake	Size	12
Locked rotor withstand time	Hot sec.	5		Torque Nm	32
	Cold sec.	12		Safety Factor	2.62
Reference Standard		IS:12615		Release time ms	120
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

Date: 07/05/2020