

No. of Phases		3	Noise Standard		IS:12065		
Frame Designation		180L	Duty		S1		
Rated Output	kW	22.0	Insulation Class		F		
	HP	30.0	Cooling IS:6362		IC411		
No. of Poles		4	Terminal Box Details	Type	HM4GN		
Rated Voltage		V		Terminal Size	M6		
Rated Frequency		Hz		No. of Terminal	6		
Rated Current		A		Max. cable size (Cu)	mm ² 2x3Cx25.0		
Rated Speed		rpm	1460	Bearing Data	DE	6310ZZ	
Rated Torque		kgm	14.68		NDE	6210ZZ	
Efficiency	Full load	%	91.6	Lubrication	Prelubricated		
	3/4 load	%	91.6	Life L10 (Direct coupled)	hrs. 50,000		
	1/2 load	%	90.5	Regreasing Time	hrs. -		
Power factor	Full load		0.84	Lifting Eyebolt IS:4190		M12	
	3/4 load		0.80	Motor Weight (approx)	kg	217.0	
	1/2 load		0.74	Rotor GD ²	kgm ²	0.3790	
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			2.3	Combiend Variation ±	%	10	
T_{po} / T_r			2.6	Brake	Size	25	
Locked rotor withstand time	Hot	sec.	7		Torque	Nm	400
	Cold	sec.	15		Safety Factor		2.78
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

Date: 07/05/2020