

No. of Phases		3	Reference	Performance	IS:12615
Frame Designation		80 FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	0.18	Protection IS:4691		IP 55
	HP	0.25	Vibration Standard		IS:12075
No. of Poles		8	Noise Standard		IS:12065
Rated Voltage		V	Duty		S1
Rated Frequency		Hz	Insulation Class/Temp. Rise class		F/B
Rated Current		A	Cooling IS:6362		IC411
Rated Speed		rpm	Terminal Box Details	Terminal Size	M4
Rated Torque		kgm		No. of Terminal	6
Efficiency	Full load	%	Bearing Data	Max. cable size	mm ² 1x3Cx4.0
	3/4 load	%		DE	6204ZZ
	1/2 load	%		NDE	6204ZZ
Power factor	Full load		Lubrication	Prelubricated	
	3/4 load		Life L10 (Direct coupled)	hrs.	50,000
	1/2 load		Regreasing Time	hrs.	-
Temp. Rise (Res.)		°C	70		Lifting Eyebolt IS:4190
Acceleration Time		sec.	-		Motor Weight (approx) kg 29
Stator Connection		Y	Rotor GD ² kgm ² 0.0049		
Tropicalised? (Yes/No)		Yes	Ambient Temp. °C 50		
I _{st} / I _r		%	4.0		Overall Dimensions of Packed motor (LxBxH) (mm)
T _{st} / T _r		%	1.7		
T _{po} / T _r		%	2.0		Voltage Variation ± % 10
Locked rotor withstand time	Hot	sec	7		Frequency Variation ± % 5
	Cold	sec	16		Combiend Variation ± % 10

Customer Specific Requirements & Remarks

- (1) Efficiency Class : IE2
- (2) Motor Construction : TEFC
- (3) Motor suitable for Gas Gr. IIA / IIB, Zone I & II
- (4) Temp Class: T4 & Explosion Protection : Ex 'd'

Data subject to tolerance as per IS:12615.

Prep.: SK	Chkd.: SPJ
Date: 22/06/2020	Date: 22/06/2020