

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	415		Duty S1
Rated Frequency		Hz	50		Insulation Class/Temp. Rise class F/B
Rated Current		A	0.75		Cooling IS:6362 IC411
Rated Speed		rpm	690		Terminal Box Details
Rated Torque		kgm	0.25		
Efficiency	Full load	%	58.7		Terminal Size
	3/4 load	%	56.0		No. of Terminal
	1/2 load	%	49.0		Max. cable size mm ²
Power factor	Full load		0.57		Bearing Data
	3/4 load		0.50		
	1/2 load		0.40		
Temp. Rise (Res.)		°C	70		Lifting Eyebolt IS:4190
Acceleration Time		sec.	-		Motor Weight (approx) kg
Stator Connection			Y		Rotor GD ² kgm ²
Tropicalised? (Yes/No)			Yes		Ambient Temp. °C
I _{st} / I _r		%	4.0		Overall Dimensions of Packed motor (LxBxH) (mm)
T _{st} / T _r		%	1.8		
T _{po} / T _r		%	2.1		Voltage Variation ± %
Locked rotor withstand time	Hot	sec	12		Frequency Variation ± %
	Cold	sec	27		Combiend Variation ± %

Customer Specific Requirements & Remarks

- (1) Efficiency Class : IE3
- (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