

No. of Phases		3	Reference	Performance	IS:325
Frame Designation		80 FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	0.37	Protection IS:4691		IP 55
	HP	0.50	Vibration Standard		IS:12075
No. of Poles		6	Noise Standard		IS:12065
Rated Voltage		V	Duty		S1
Rated Frequency		Hz	Insulation Class		F
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	%	67.0	Max. cable size	mm <sup>2</sup> 1x3Cx4.0
	3/4 load	%	66.0	DE	6204ZZ
	1/2 load	%	63.0	NDE	6204ZZ
Power factor	Full load		0.70	Lubrication	Prelubricated
	3/4 load		0.63	Life L10 (Direct coupled)	hrs. 50,000
	1/2 load		0.51	Regreasing Time	hrs. -
Temp. Rise (Res.)		°C	70	Lifting Eyebolt IS:4190	-
Acceleration Time		sec.	-	Motor Weight (approx)	kg 27
Stator Connection			Y	Rotor GD <sup>2</sup>	kgm <sup>2</sup> 0.0049
Tropicalised? (Yes/No)			Yes	Ambient Temp.	°C 50
I <sub>st</sub> / I <sub>r</sub>		%	4.0	Overall Dimensions of Packed motor (LxBxH) (mm)	
T <sub>st</sub> / T <sub>r</sub>		%	2.0		
T <sub>po</sub> / T <sub>r</sub>		%	2.1	Voltage Variation ±	% 10
Locked rotor withstand time	Hot	sec	9	Frequency Variation ±	% 5
	Cold	sec	21	Combiend Variation ±	% 10

Remarks: (1) Efficiency class : EFF2  
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

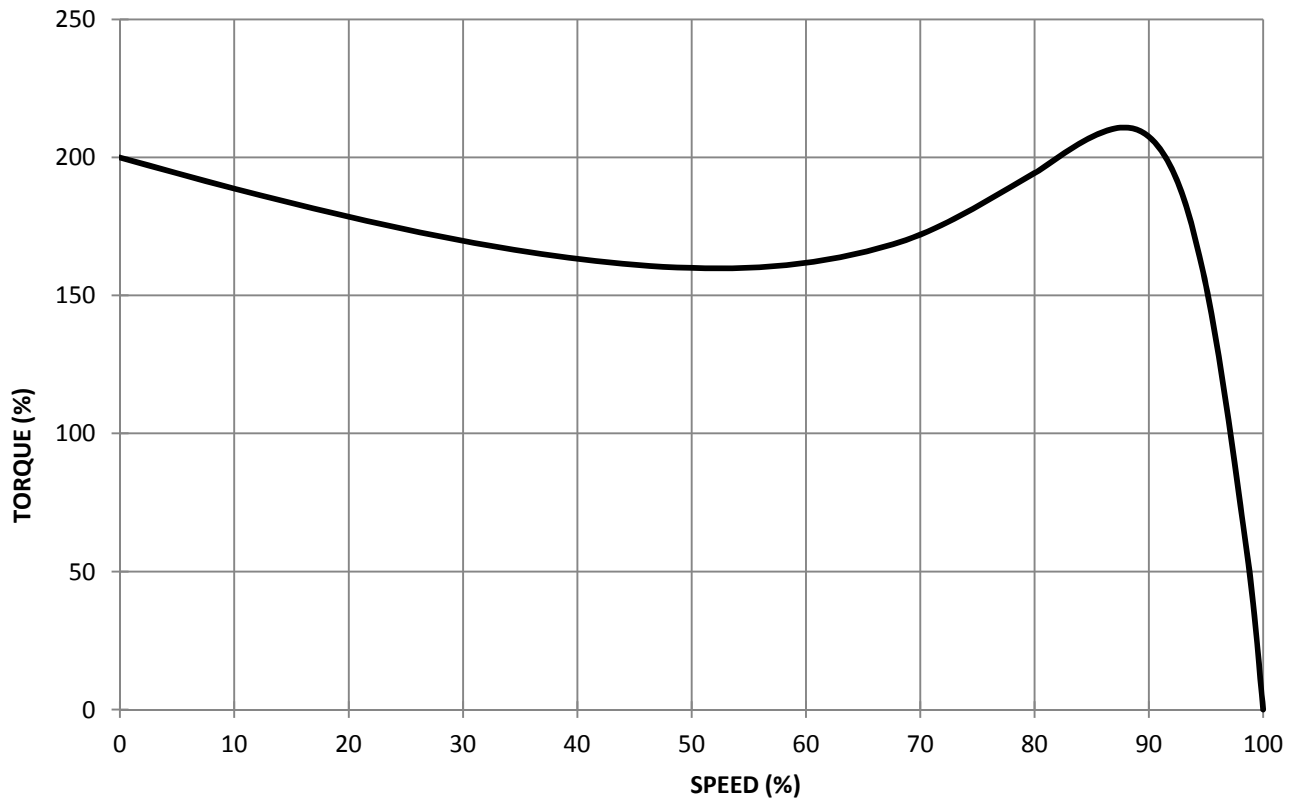
Prep.: ENGG

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

