

No. of Phases		3	Reference Standard		IS:325
Frame Designation		180L	Protection IS:4691		IP 55
Rated Output	kW	11.00	Vibration Standard		IS:12075
	HP	15.00	Noise Standard		IS:12065
No. of Poles		10	Duty		S1
Rated Voltage		V 415	Insulation Class		F
Rated Frequency		Hz 50	Cooling IS:6362		IC410
Rated Current		A 25.0	Terminal Box Details	Type	HM4GN
Rated Speed		rpm 570		Terminal Size	M6
Rated Torque		kgm 18.80		No. of Terminal	6
Efficiency	Full load	%		Max. cable size (Cu)	mm <sup>2</sup> 2x3Cx25
	3/4 load	%	DE	6310ZZ	
	1/2 load	%	NDE	6210ZZ	
Power factor	Full load	0.72	Bearing Data	Lubrication	Prelubricated
	3/4 load	0.64		Life L10 (Direct Coupled)	hrs. 50,000
	1/2 load	0.50		Regreasing Time	hrs. -
Max. Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M12
Acceleration Time		sec. -	Motor Weight (approx)		kg -
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 0.7734
Tropicalised? (Yes / No)		Yes	Ambient Temp.		°C 50
I <sub>st</sub> / I <sub>r</sub>		5.0	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>		2.2	Voltage Variation ±		% 10
Locked rotor withstand time	Hot	sec. 16	Frequency Variation ±		% 5
	Cold	sec. 33	Combiend Variation ±		% 10

Remarks: (1) Motor Construction: TE  
(2) Motor Mounting: IM B5 (Flange Mounted)

Data subject to tolerance as per IS: 325.

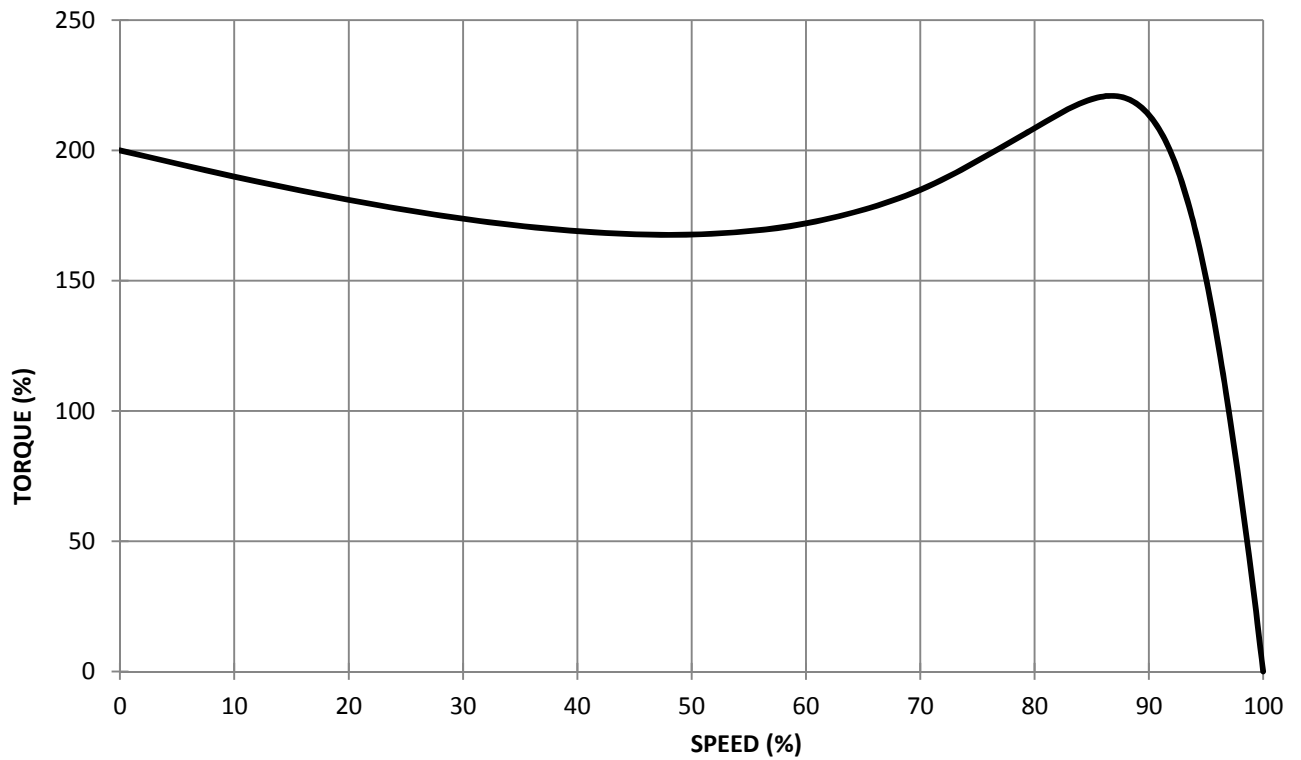
Prep.: Engg

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

