

No. of Phases		3	Reference Standard		IS:325
Frame Designation		180L	Protection IS:4691		IP 55
Rated Output	kW	9.30	Vibration Standard		IS:12075
	HP	12.50	Noise Standard		IS:12065
No. of Poles		10	Duty		S1
Rated Voltage		V	Insulation Class		F
Rated Frequency		Hz	Cooling IS:6362		IC410
Rated Current		A	Terminal Box Details	Type	HM4GN
Rated Speed		rpm		Terminal Size	M6
Rated Torque		kgm		No. of Terminal	6
Efficiency	Full load	%		84.0	Max. cable size (Cu) mm ²
	3/4 load	%	83.5	DE	6310ZZ
	1/2 load	%	81.0	NDE	6210ZZ
Power factor	Full load		0.70	Lubrication	Prelubricated
	3/4 load		0.62	Life L10 (Direct Coupled) hrs.	50,000
	1/2 load		0.49	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 ² kgm ²	0.6544
Tropicalised? (Yes / No)			Yes	Ambient Temp. °C	50
I _{st} / I _r			5.0	Overall Dimensions of Packed motor (LxBxH) (mm)	
T _{st} / T _r			2.0		
T _{po} / T _r			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.

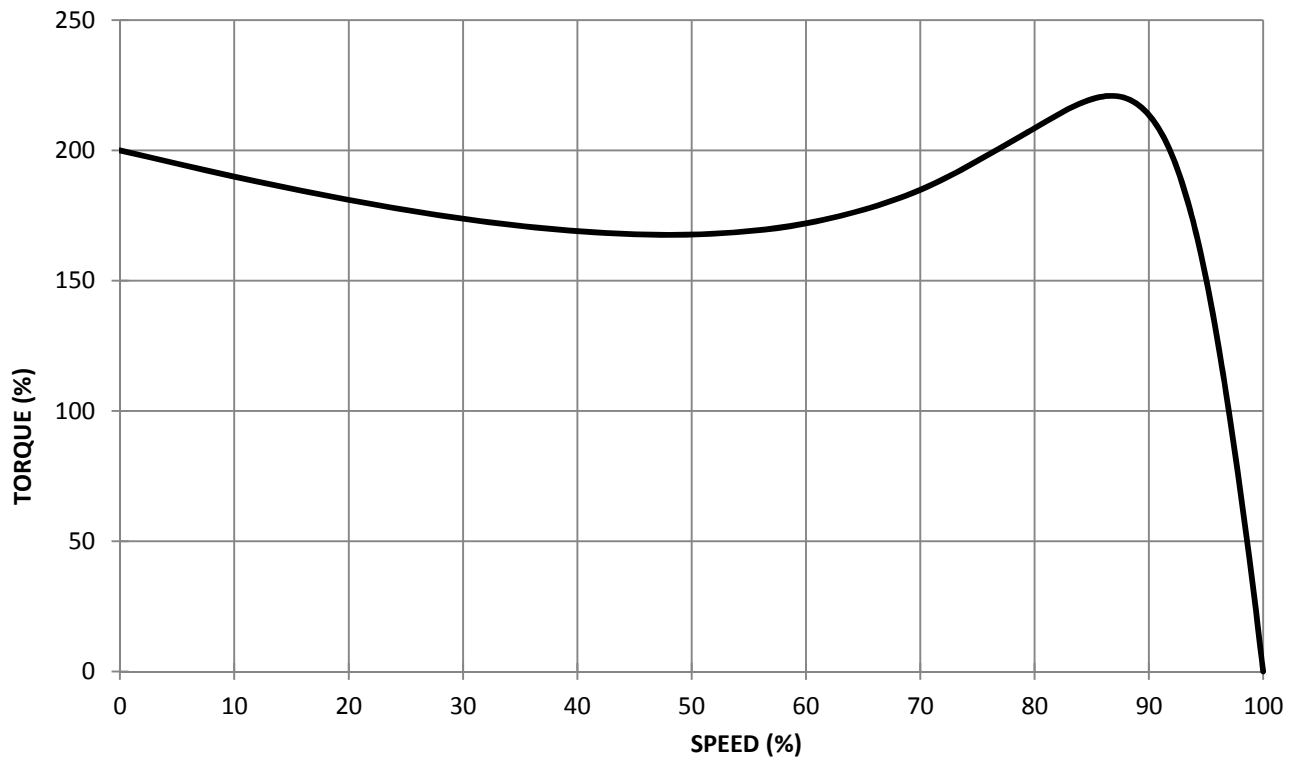
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

