

No. of Phases		3	Reference Standard		IS:325	
Frame Designation		180M	Protection IS:4691		IP 55	
Rated Output	kW	5.50	Vibration Standard		IS:12075	
	HP	7.50	Noise Standard		IS:12065	
No. of Poles		12	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	%		Max. cable size (Cu)	mm ²	2x3Cx25
	3/4 load	%	DE		6310ZZ	
	1/2 load	%	NDE		6210ZZ	
Power factor	Full load		Bearing Data	Lubrication	Prelubricated	
	3/4 load			Life L10 (Direct Coupled)	hrs.	50,000
	1/2 load			Regreasing Time	hrs.	-
Max. Temp. Rise (Res.)		°C		70	Lifting Eyebolt IS:4190	
Acceleration Time		sec.	-	Motor Weight (approx)		
Stator Connection		D	Rotor GD ²		kgm ²	
Tropicalised? (Yes / No)		Yes	Ambient Temp.		°C	
I _{st} / I _r		4.5	Overall Dimensions of Packed motor (LxBxH) (mm)			
T _{st} / T _r		1.9				
T _{po} / T _r		2.1	Voltage Variation ±		%	
Locked rotor withstand time	Hot	sec.	16	Frequency Variation ±		
	Cold	sec.	33	Combiend Variation ±		
				%		

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

Data subject to tolerance as per IS: 325.

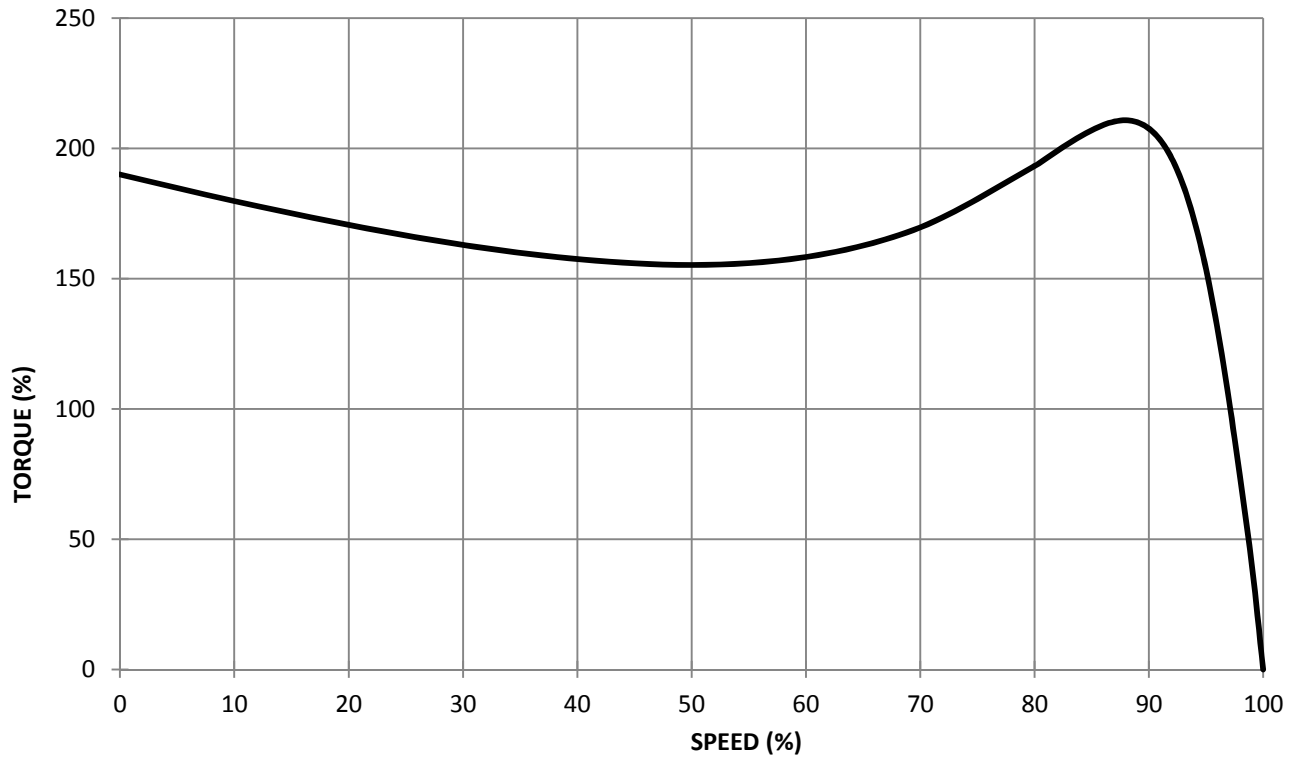
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

