

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		90 FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	1.50	Protection IS:4691		IP 55	
	HP	2.00	Vibration Standard		IS:12075	
No. of Poles		2	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	%	Bearing Data	Max. cable size		mm ² 1x3Cx4.0
	3/4 load	%		DE		6205ZZ
	1/2 load	%		NDE		6205ZZ
Power factor	Full load		Lubrication		Prelubricated	
	3/4 load		Life L10 (Direct coupled)		hrs. 50,000	
	1/2 load		Regreasing Time		hrs. -	
Temp. Rise (Res.)		°C	Lifting Eyebolt IS:4190		-	
Acceleration Time		sec.	Motor Weight (approx)		kg 36	
Stator Connection		Y	Rotor GD ²		kgm ² 0.0052	
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50	
I _{st} / I _r		%	Overall Dimensions of Packed motor (LxBxH) (mm)			
T _{st} / T _r		%				
T _{po} / T _r		%				
Locked rotor withstand time		Hot sec	Voltage Variation ±		% 10	
		Cold sec	Frequency Variation ±		% 5	
			Combiend Variation ±		% 10	

Remarks: (1) Efficiency Class : IE3
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

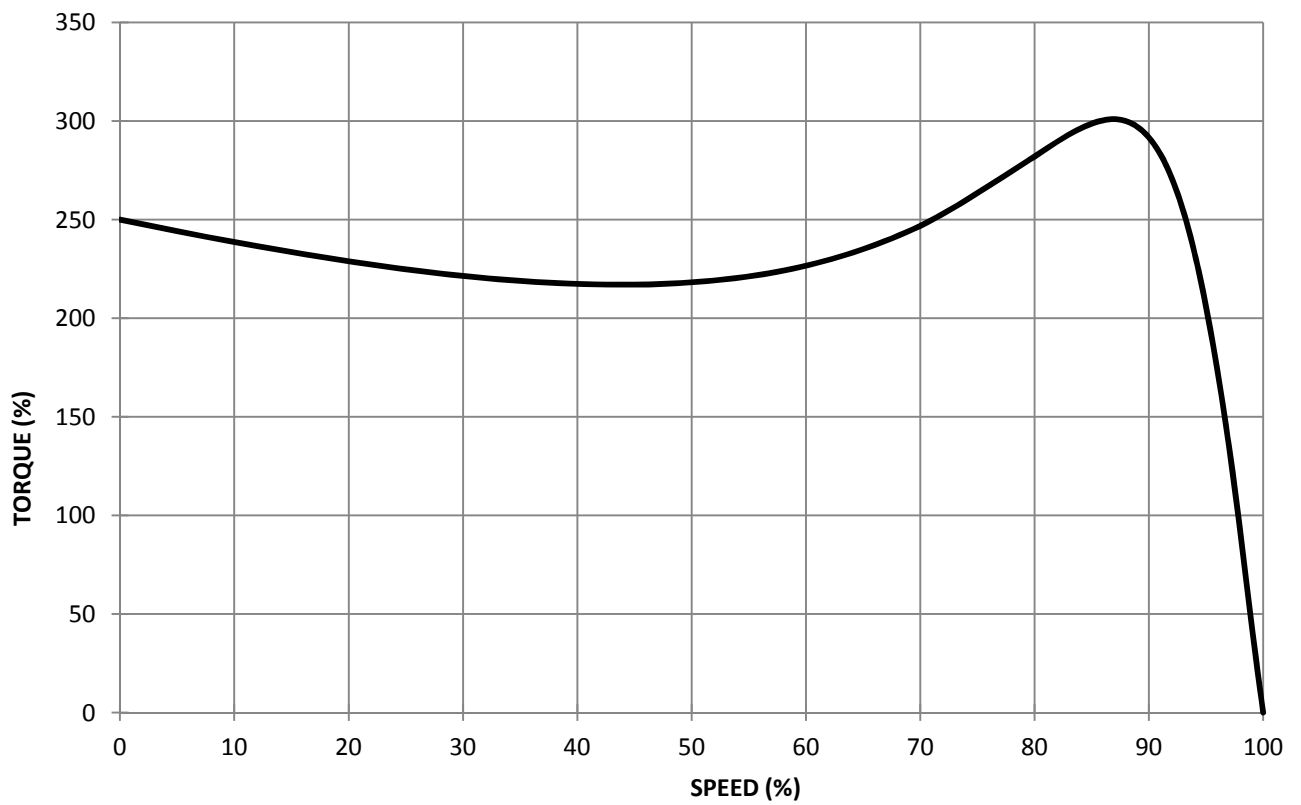
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

