

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		280M FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	90.00	Protection IS:4691		IP 55	
	HP	120.00	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		M12
Rated Torque		kgm		No. of Terminal		6
Efficiency	Full load	%	Max. cable size		mm ² 2x3Cx150.0	
	3/4 load	%	DE		6317	
	1/2 load	%	NDE		6317	
Power factor	Full load		Bearing Data	Lubrication		Mobil / Unirex N3
	3/4 load			Life L10 (Direct coupled)		hrs. 50,000
	1/2 load			Regreasing Time		hrs. 2,000
Temp. Rise (Res.)		°C	Lifting Eyebolt IS:4190		M20	
Acceleration Time		sec.	Motor Weight (approx)		kg 770	
Stator Connection		D	Rotor GD ²		kgm ² 2.9368	
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		%	Voltage Variation ±		% 10	
Locked rotor withstand time	Hot	sec	Frequency Variation ±		% 5	
	Cold	sec	Combiend Variation ±		% 10	

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

Data subject to tolerance as per IS:12615.

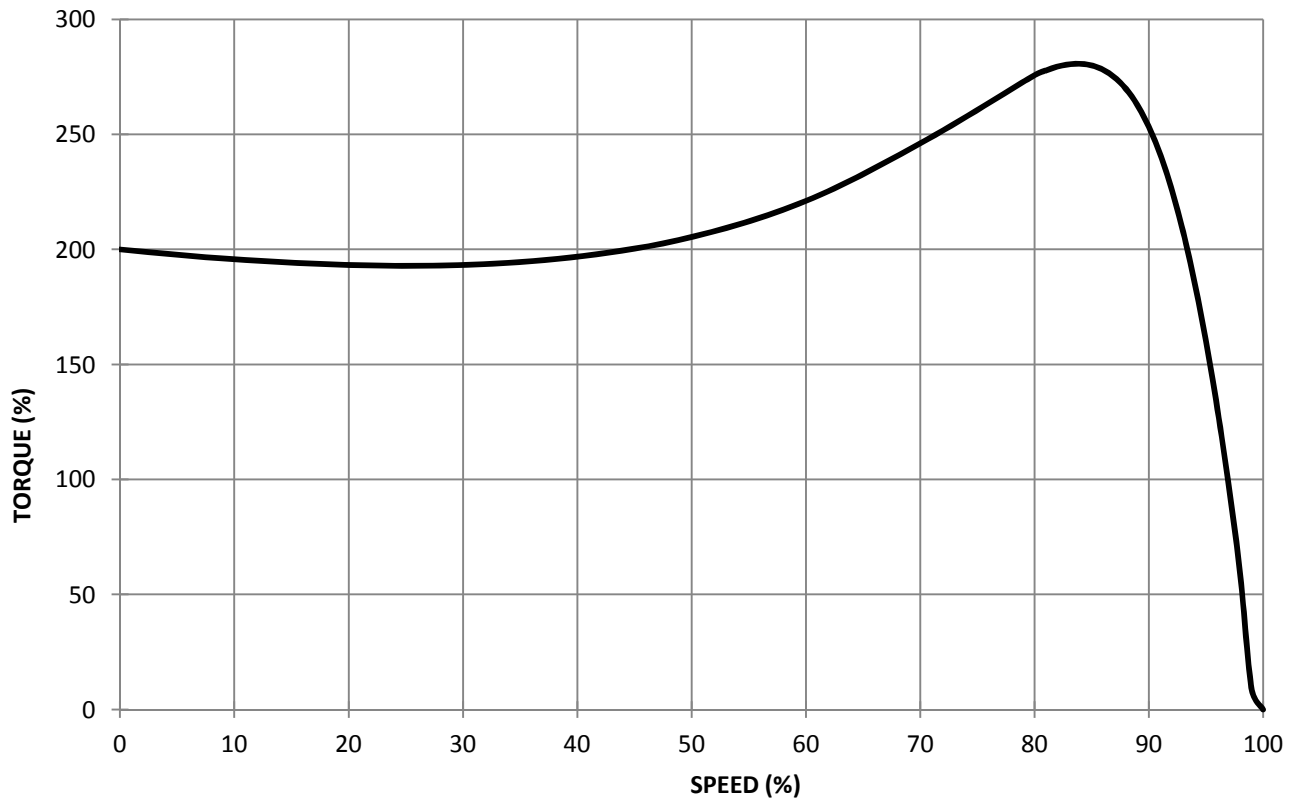
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

