

No. of Phases		3	Reference	Performance	IS:12615
Frame Designation		315MX FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	132.00	Protection IS:4691		IP 55
	HP	180.00	Vibration Standard		IS:12075
No. of Poles		4	Noise Standard		IS:12065
Rated Voltage		V 415	Duty		S1
Rated Frequency		Hz 50	Insulation Class		F
Rated Current		A 216.0	Cooling IS:6362		IC411
Rated Speed		rpm 1485	Terminal Box Details	Terminal Size	M12
Rated Torque		kgm 86.58		No. of Terminal	6
Efficiency	Full load	%		Max. cable size	mm ² 2x3Cx150.0
	3/4 load	%	DE	6319	
	1/2 load	%	NDE	6319	
Power factor	Full load	0.89	Bearing Data	Lubrication	Mobil / Unirex N3
	3/4 load	0.87		Life L10 (Direct coupled)	hrs. 50,000
	1/2 load	0.82		Regreasing Time	hrs. 4,000
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M24
Acceleration Time		sec. -	Motor Weight (approx)		kg 1345
Stator Connection		D	Rotor GD ²		kgm ² 11.8549
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I _{st} / I _r		%	7.5	Overall Dimensions of Packed motor (LxBxH) (mm)	
T _{st} / T _r		%	2.2		
T _{po} / T _r		%	2.5		
Locked rotor withstand time	Hot	sec 17	Voltage Variation ±		%
	Cold	sec 37	Frequency Variation ±		%
			Combiend Variation ±		%

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

Data subject to tolerance as per IS:12615.

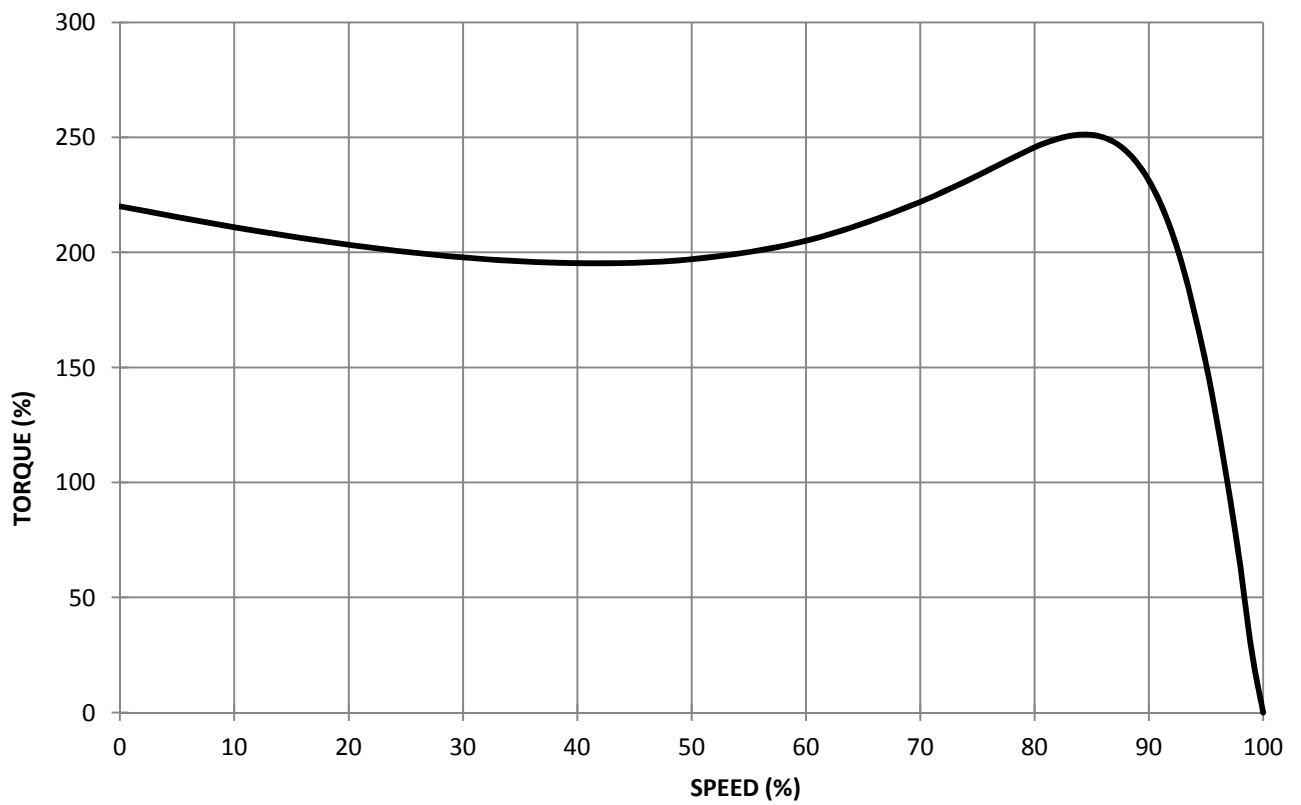
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

