

No. of Phases		3	Reference	Performance	IS:12615
Frame Designation		160L FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	15.00	Protection IS:4691		IP 55
	HP	20.00	Vibration Standard		IS:12075
No. of Poles		2	Noise Standard		IS:12065
Rated Voltage		V 415	Duty		S1
Rated Frequency		Hz 50	Insulation Class		F
Rated Current		A 26.4	Cooling IS:6362		IC411
Rated Speed		rpm 2940	Terminal Box Details	Terminal Size	M6
Rated Torque		kgm 4.97		No. of Terminal	6
Efficiency	Full load	% 90.3		Max. cable size	mm ² 2x3Cx25.0
	3/4 load	% 90.3	DE	6309ZZ	
	1/2 load	% 86.5	NDE	6309ZZ	
Power factor	Full load	0.88	Bearing Data	Lubrication	Prelubricated
	3/4 load	0.85		Life L10 (Direct coupled)	hrs. 50,000
	1/2 load	0.80		Regreasing Time	hrs. -
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M12
Acceleration Time		sec. -	Motor Weight (approx)		kg 171
Stator Connection		D	Rotor GD ²		kgm ² 0.1705
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I _{st} / I _r		% 7.0	Overall Dimensions of Packed motor (LxBxH) (mm)		
T _{st} / T _r		% 2.3			
T _{po} / T _r		% 2.8	Voltage Variation ±		% 10
Locked rotor withstand time	Hot	sec 6	Frequency Variation ±		% 5
	Cold	sec 13	Combiend Variation ±		% 10

Remarks: (1) Efficiency Class : IE2
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

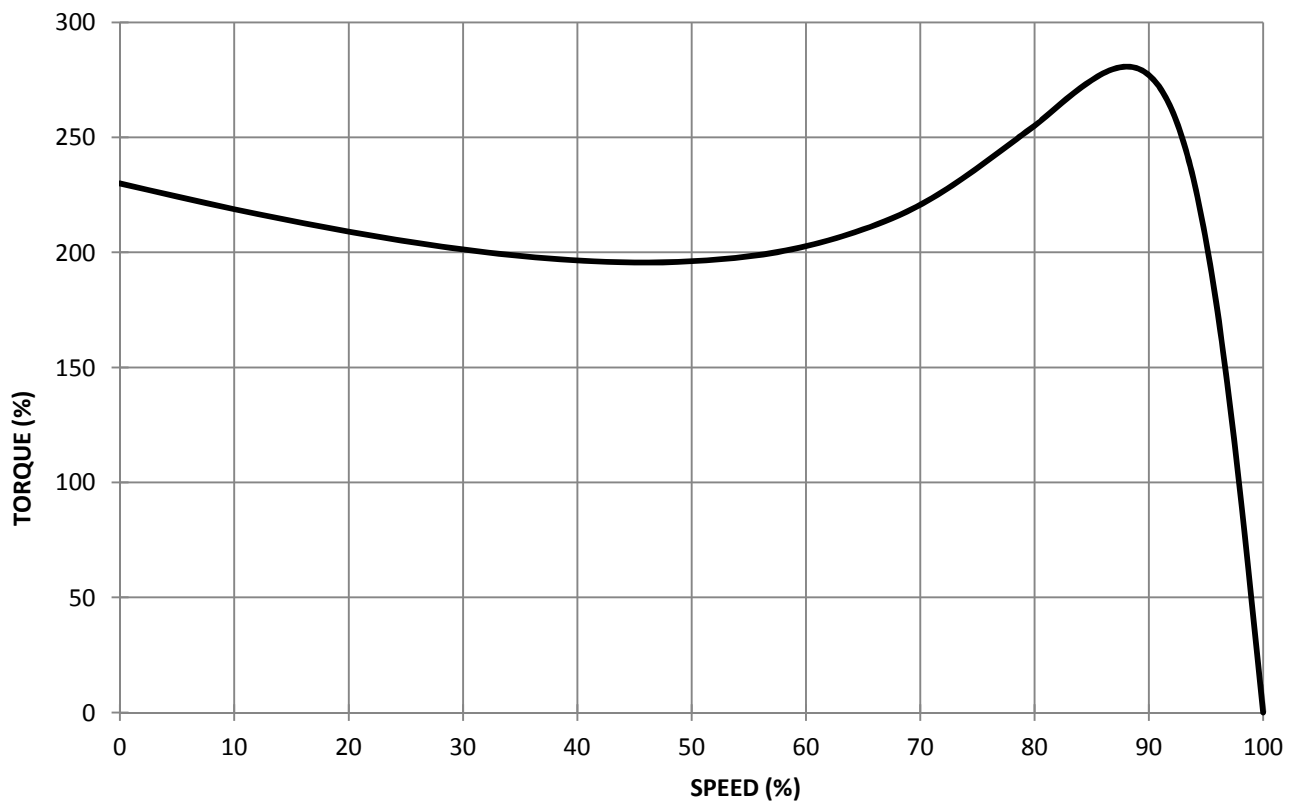
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

