

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		160L FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	9.30	Protection IS:4691		IP 55	
	HP	12.50	Vibration Standard		IS:12075	
No. of Poles		4	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		M6
Rated Torque		kgm		No. of Terminal		6
Efficiency	Full load	%	Bearing Data	Max. cable size		mm <sup>2</sup> 2x3Cx25.0
	3/4 load	%		DE		6309ZZ
	1/2 load	%		NDE		6309ZZ
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		M12	
Acceleration Time		sec.	Motor Weight (approx)		kg 167	
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 0.1696	
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50	
I <sub>st</sub> / I <sub>r</sub>		%	Overall Dimensions of Packed motor (LxBxH) (mm)			
T <sub>st</sub> / T <sub>r</sub>		%				
T <sub>po</sub> / T <sub>r</sub>		%	Voltage Variation ±		% 10	
Locked rotor withstand time	Hot	sec	Frequency Variation ±		% 5	
	Cold	sec	Combiend Variation ±		% 10	

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

Data subject to tolerance as per IS:12615.

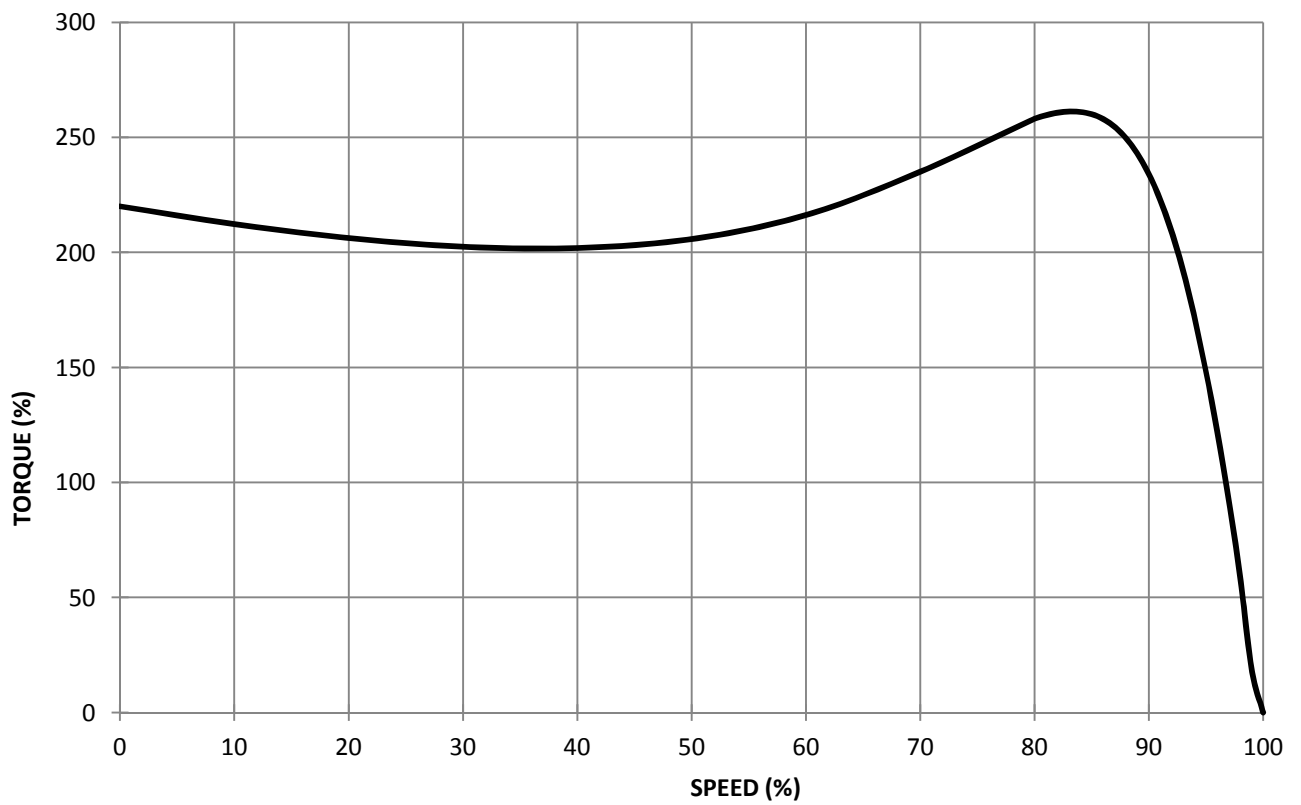
Prep.: Engg

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

