

No. of Phases		3	Reference	Performance	IS:12615
Frame Designation		100L 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		6	Noise Standard		IS:12065
Rated Voltage		V 415	Duty		S1
Rated Frequency		Hz 50	Insulation Class		F
Rated Current		A 3.3	Cooling IS:6362		IC411
Rated Speed		rpm 945	Terminal Box Details	Terminal Size	M5
Rated Torque		kgm 1.55		No. of Terminal	6
Efficiency	Full load	%	82.5	Max. cable size	mm <sup>2</sup> 2x3Cx10.0
	3/4 load	%	82.5	DE	6206ZZ
	1/2 load	%	80.0	NDE	6206ZZ
Power factor	Full load		0.77	Lubrication	Prelubricated
	3/4 load		0.71	Life L10 (Direct coupled)	hrs. 50,000
	1/2 load		0.60	Regreasing Time	hrs. -
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M8
Acceleration Time		sec. -	Motor Weight (approx)		kg 54
Stator Connection		Y	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 0.0336
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I <sub>st</sub> / I <sub>r</sub>		%	5.5	Overall Dimensions of Packed motor (LxBxH) (mm)	
T <sub>st</sub> / T <sub>r</sub>		%	2.2		
T <sub>po</sub> / T <sub>r</sub>		%	2.6		
Locked rotor withstand time	Hot	sec	10	Voltage Variation ±	%
	Cold	sec	23	Frequency Variation ±	%
				Combiend Variation ±	%

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

Data subject to tolerance as per IS:12615.

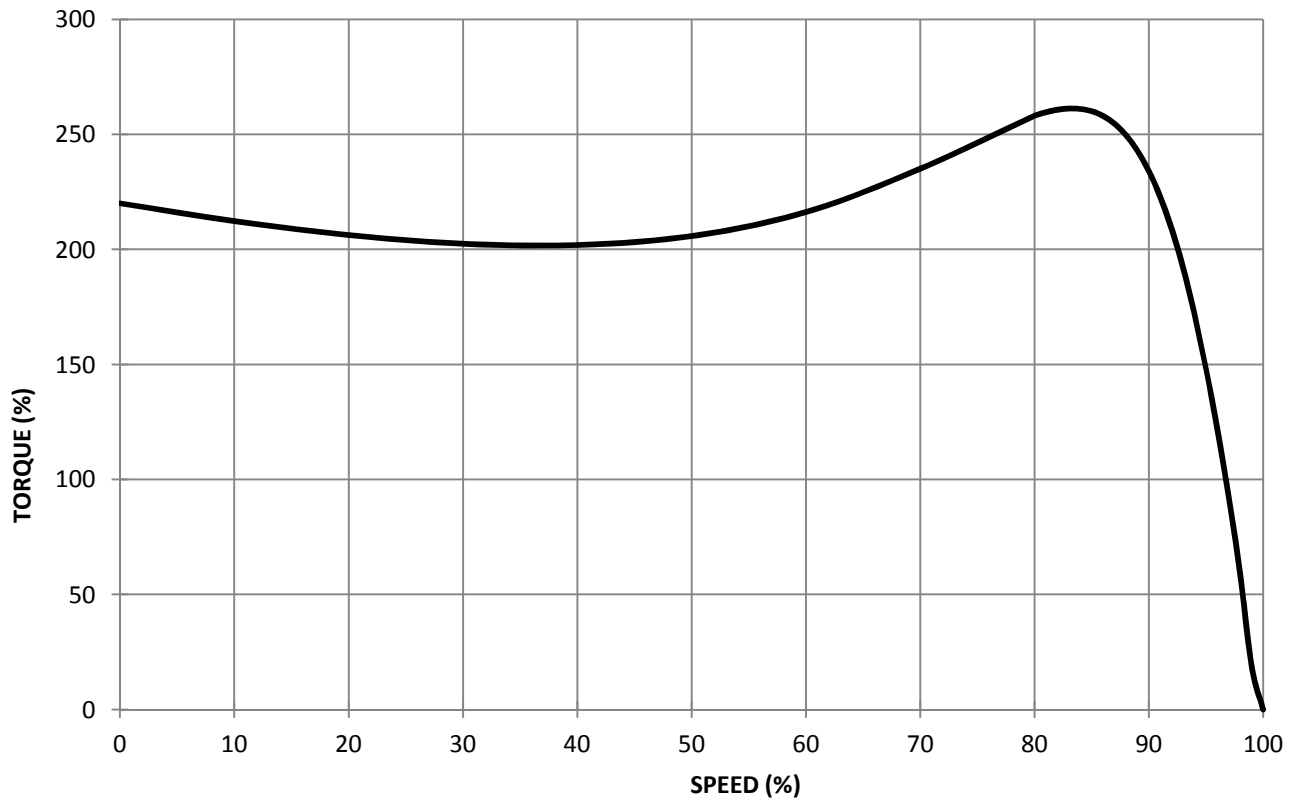
Prep.: Engg

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

