

No. of Phases		3	Reference	Performance	IS:12615
Frame Designation		250MX FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	55.00	Protection IS:4691		IP 55
	HP	75.00	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 92.0	Cooling IS:6362		IC411
Rated Speed		rpm 1482	Terminal Box Details	Terminal Size	M8
Rated Torque		kgm 36.15		No. of Terminal	6
Efficiency	Full load	% 94.6	Bearing Data	Max. cable size	mm <sup>2</sup> 2x3Cx70.0
	3/4 load	% 94.6		DE	6315
	1/2 load	% 94.0		NDE	6315
Power factor	Full load	0.88	Lubrication	Mobil / Unirex N3	
	3/4 load	0.86	Life L10 (Direct coupled)	hrs. 50,000	
	1/2 load	0.80	Regreasing Time	hrs. 6,000	
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M16
Acceleration Time		sec. -	Motor Weight (approx)		kg 547
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 2.3466
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I <sub>st</sub> / I <sub>r</sub>		% 7.5	Overall Dimensions of Packed motor (LxBxH) (mm)		
T <sub>st</sub> / T <sub>r</sub>		% 2.5			
T <sub>po</sub> / T <sub>r</sub>		% 2.8	Voltage Variation ±		% 10
Locked rotor withstand time	Hot	sec 8	Frequency Variation ±		% 5
	Cold	sec 19	Combiend Variation ±		% 10

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

Data subject to tolerance as per IS:12615.

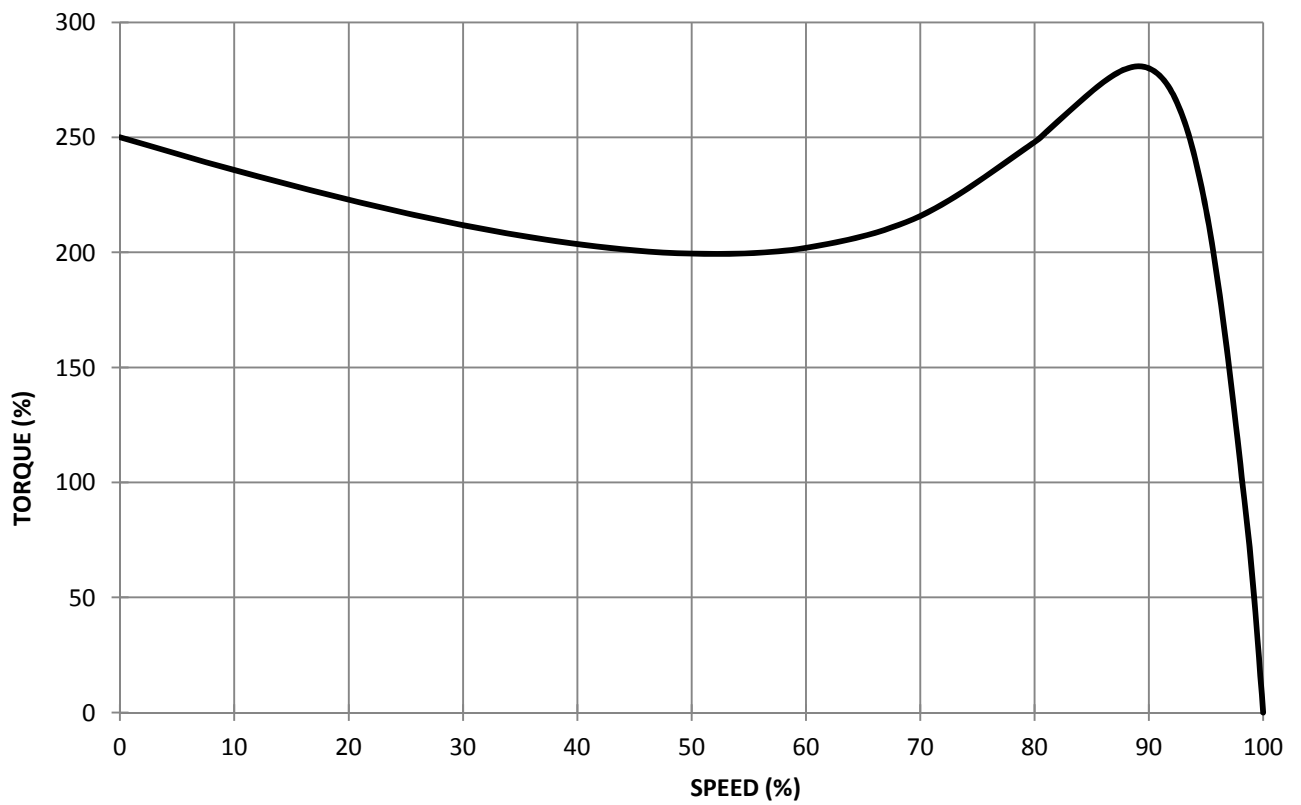
Prep.: Engg

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

