

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		315MX FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	90.00	Protection IS:4691		IP 55	
	HP	120.00	Vibration Standard		IS:12075	
No. of Poles		6	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		M12
Rated Torque		kgm		No. of Terminal		6
				Max. cable size		mm <sup>2</sup> 2x3Cx150.0
Efficiency	Full load	%	94.0			
	3/4 load	%	94.0			
	1/2 load	%	92.0			
Power factor	Full load		0.84			
	3/4 load		0.81			
	1/2 load		0.74			
Temp. Rise (Res.)		°C	70		Lifting Eyebolt IS:4190	M24
Acceleration Time		sec.	-		Motor Weight (approx)	kg 1320
Stator Connection			D		Rotor GD <sup>2</sup>	kgm <sup>2</sup> 8.5948
Tropicalised? (Yes/No)			Yes		Ambient Temp.	°C 50
I <sub>st</sub> / I <sub>r</sub>		%	7.0		Overall Dimensions of Packed motor (LxBxH) (mm)	
T <sub>st</sub> / T <sub>r</sub>		%	2.1			
T <sub>po</sub> / T <sub>r</sub>		%	2.4			
Locked rotor withstand time	Hot	sec	9		Voltage Variation ±	% 10
	Cold	sec	20		Frequency Variation ±	% 5
					Combiend Variation ±	% 10

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

Data subject to tolerance as per IS:12615.

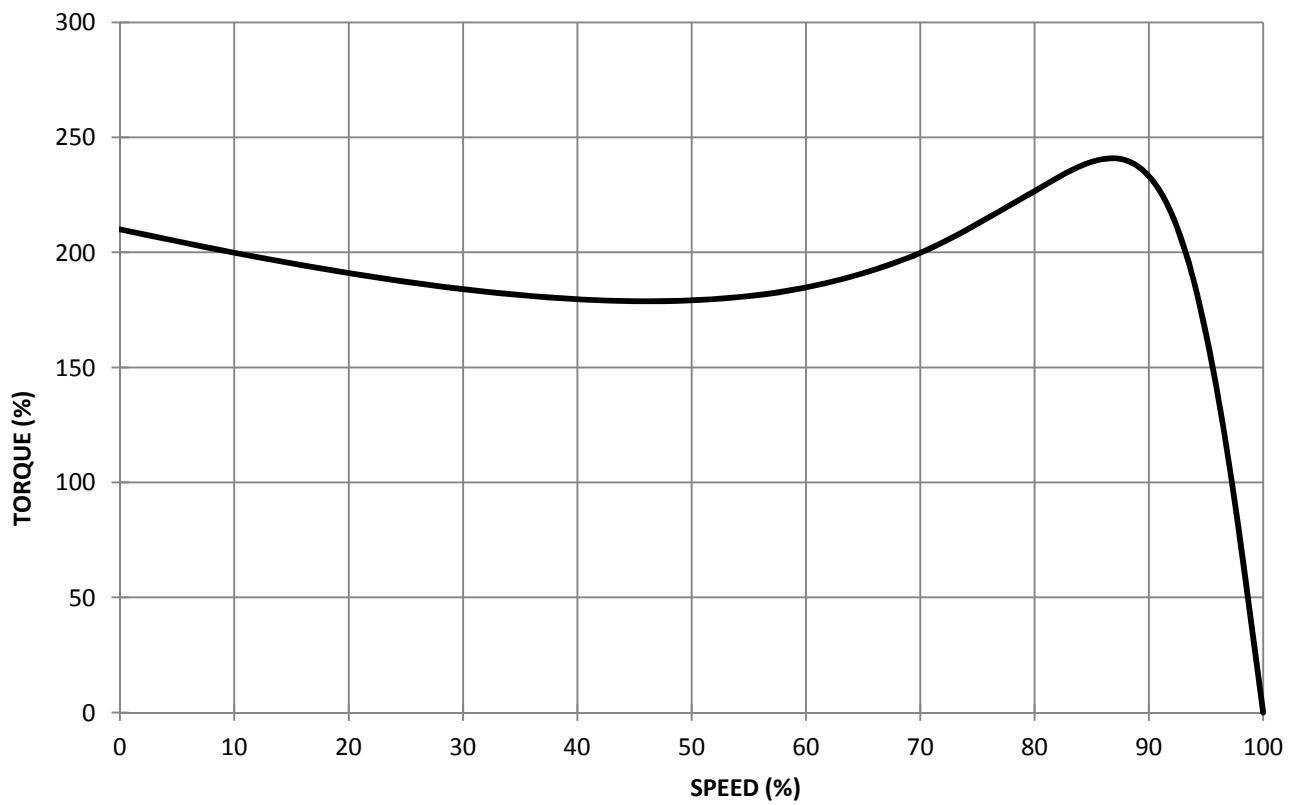
Prep.: Engg

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

