

No. of Phases		3	Reference Performance	IS:12615			
Frame Designation		315LX FLP	Standard Enclosure	IS:60079-1			
Rated Output	kW	200.00	Protection IS:4691	IP 55			
	HP	270.00	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	336.0	Cooling IS:6362	IC411			
Rated Speed	rpm	1485	Terminal Box Details	Terminal Size			
Rated Torque	kgm	131.18		No. of Terminal	6		
Efficiency	Full load	%	95.1	Max. cable size	mm ²	2x3Cx150.0	
	3/4 load	%	95.1	DE		6319	
	1/2 load	%	94.6	NDE		6319	
Power factor	Full load		0.87	Bearing Data	Lubrication	Mobil / Unirex N3	
	3/4 load		0.84		Life L10 (Direct coupled)	hrs.	50,000
	1/2 load		0.80		Regreasing Time	hrs.	4,000
Temp. Rise (Res.)	°C	70	Lifting Eyebolt IS:4190		M30		
Acceleration Time	sec.	-	Motor Weight (approx)	kg	1360		
Stator Connection		D	Rotor GD ²	kgm ²	13.0404		
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	%	2.2				-	
T _{po} / T _r	%	2.5	Voltage Variation ±	%	10		
Locked rotor withstand time	Hot	sec	11	Frequency Variation ±	%	5	
	Cold	sec	26	Combiend Variation ±	%	10	

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

Data subject to tolerance as per IS:12615.

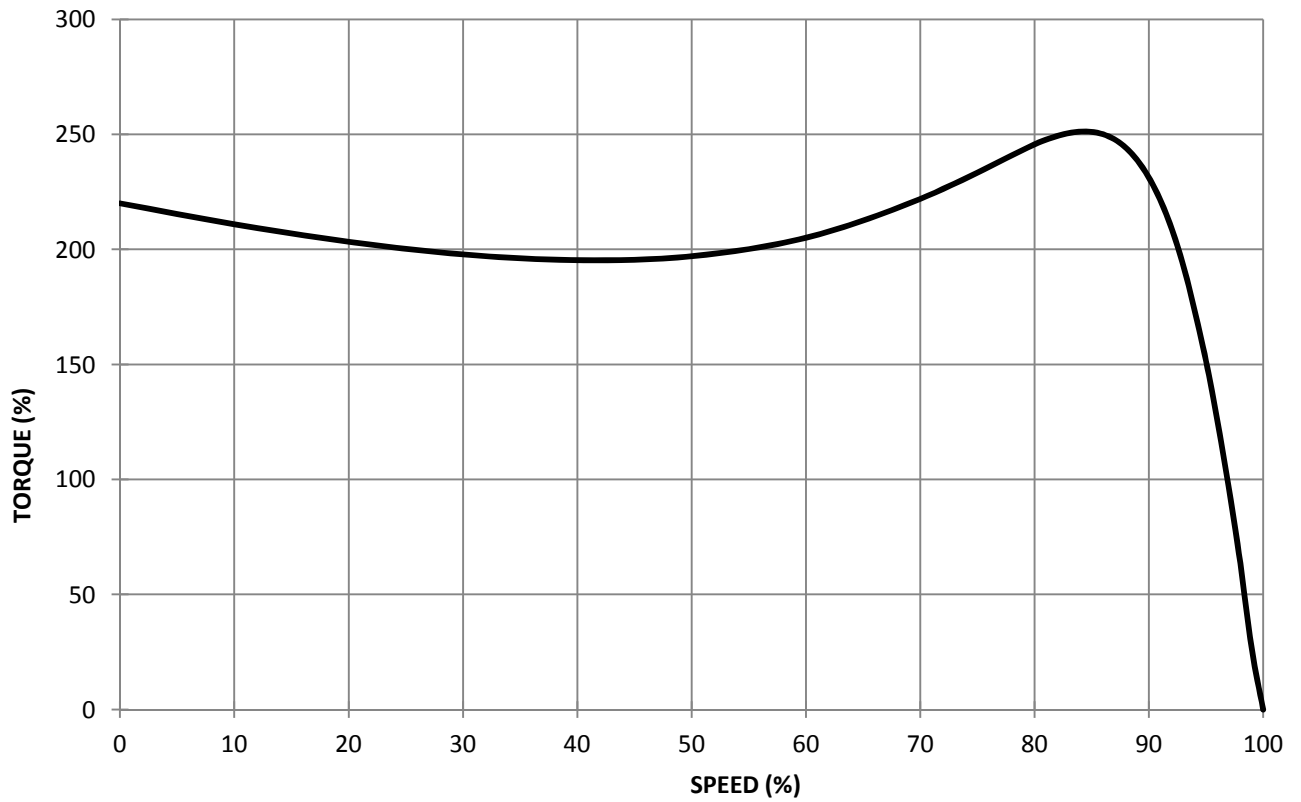
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

