

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		315SX	Protection IS:4691		IP 55	
Rated Output	kW	110.00	Vibration Standard		IS:12075	
	HP	150.00	Noise Standard		IS:12065	
No. of Poles		4	Duty		S1	
Rated Voltage	V	415	Insulation Class		F	
Rated Frequency	Hz	50	Cooling IS:6362		IC411	
Rated Current	A	183.0	Terminal Box Details	Type	HM6GN	
Rated Speed	rpm	1485		Terminal Size	M12	
Rated Torque	kgm	72.15		No. of Terminal	6	
Efficiency	Full load	%	95.4	Max. cable size (Cu)	mm ² 2x3Cx150.0	
	3/4 load	%	95.4	DE	6319	
	1/2 load	%	94.4	NDE	6319	
Power factor	Full load		0.88	Lubrication	Mobil / Unirex N3	
	3/4 load		0.85	Life L10 (Direct Coupled)	hrs. 50,000	
	1/2 load		0.77	Regreasing Time	hrs. 4,000	
Max. Temp. Rise (Res.)	°C	70	Lifting Eyebolt		M24	
Acceleration Time	sec.	-	Motor Weight (approx)		kg 775.0	
Stator Connection		D	Rotor GD ²		kgm ² 10.3731	
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		2.0				
T _{po} / T _r		2.4	Voltage Variation ±		% 10	
Locked rotor withstand time	Hot	sec.	21	Frequency Variation ±		% 5
	Cold	sec.	46	Combiend Variation ±		% 10

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

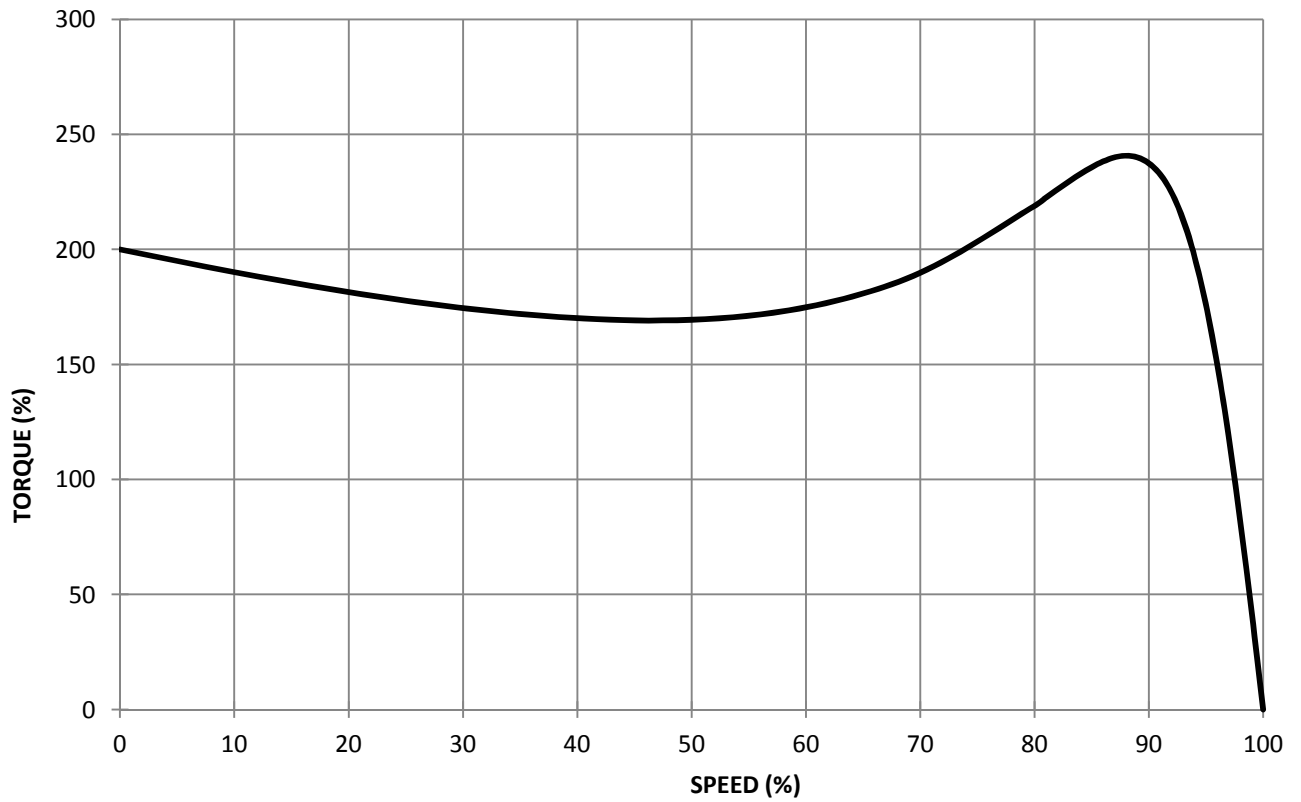
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

