

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		225SX	Protection IS:4691		IP 55	
Rated Output	kW	37.00	Vibration Standard		IS:12075	
	HP	50.00	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	63.5	Terminal Box Details	Type	HM5GN
Rated Speed		rpm	1475		Terminal Size	M8
Rated Torque		kgm	24.43		No. of Terminal	6
Efficiency	Full load	%	93.9	Bearing Data	Max. cable size (Cu)	mm ² 2x3Cx70.0
	3/4 load	%	93.9		DE	6313
	1/2 load	%	93.0		NDE	6313
Power factor	Full load		0.86	Lubrication	Mobil / Unirex N3	
	3/4 load		0.83	Life L10 (Direct Coupled)	hrs.	50,000
	1/2 load		0.76	Regreasing Time	hrs.	8,000
Max. Temp. Rise (Res.)		°C	70	Lifting Eyebolt		M16
Acceleration Time		sec.	-	Motor Weight (approx)		kg 370.0
Stator Connection			D	Rotor GD ²		kgm ² 1.3970
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			2.3			
T _{po} / T _r			2.6	Voltage Variation ±		% 10
Locked rotor withstand time	Hot	sec.	14	Frequency Variation ±		% 5
	Cold	sec.	30	Combiend Variation ±		% 10

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

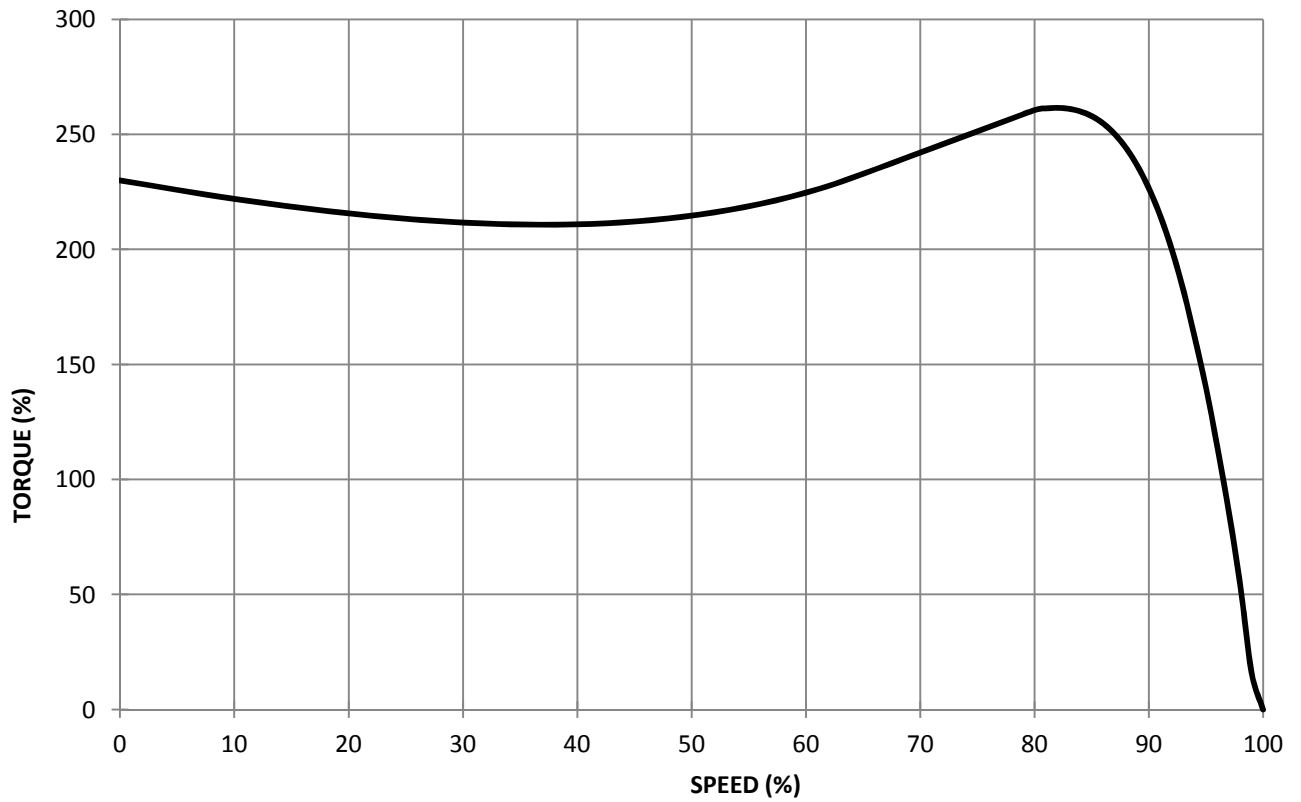
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

