

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		132M	Protection IS:4691		IP 55	
Rated Output	kW	5.50	Vibration Standard		IS:12075	
	HP	7.50	Noise Standard		IS:12065	
No. of Poles		6	Duty		S1	
Rated Voltage		V	415	Insulation Class		F
Rated Frequency		Hz	50	Cooling IS:6362		IC411
Rated Current		A	11.0	Terminal Box Details	Type	HM3GN
Rated Speed		rpm	955		Terminal Size	M5
Rated Torque		kgm	5.61		No. of Terminal	6
Efficiency	Full load	%	86.0	Bearing Data	Max. cable size (Cu)	mm ² 2x3Cx10.0
	3/4 load	%	86.0		DE	6208ZZ
	1/2 load	%	83.0		NDE	6208ZZ
Power factor	Full load		0.81	Lubrication	Prelubricated	
	3/4 load		0.76	Life L10 (Direct Coupled)	hrs. 50,000	
	1/2 load		0.62	Regreasing Time	hrs. -	
Max. Temp. Rise (Res.)		°C	70	Lifting Eyebolt		M10
Acceleration Time		sec.	-	Motor Weight (approx)		kg 68.0
Stator Connection			D	Rotor GD ²		kgm ² 0.1321
Tropicalised? (Yes / No)			Yes	Ambient Temp.		°C 50
I _{st} / I _r			6.5	Overall Dimensions of Packed motor (LxBxH) (mm)		
T _{st} / T _r			2.2			
T _{po} / T _r			2.6	Voltage Variation ±		% 10
Locked rotor withstand time	Hot	sec.	6	Frequency Variation ±		% 5
	Cold	sec.	14	Combiend Variation ±		% 10

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

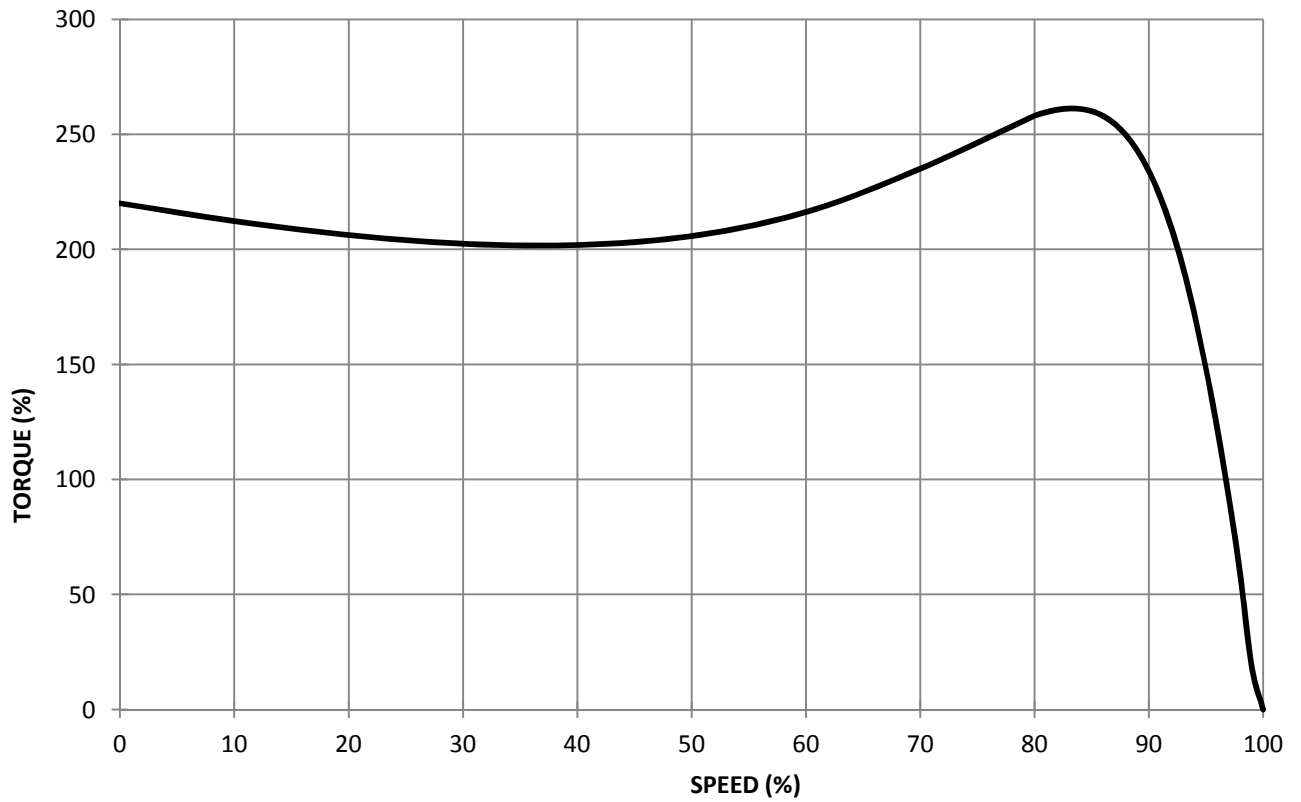
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

