

No. of Phases		3	Reference Standard		IS:12615
Frame Designation		71	Protection IS:4691		IP 55
Rated Output	kW	0.37	Vibration Standard		IS:12075
	HP	0.50	Noise Standard		IS:12065
No. of Poles		2	Duty		S1
Rated Voltage	V	415	Insulation Class		F
Rated Frequency	Hz	50	Cooling IS:6362		IC411
Rated Current	A	0.9	Terminal Box Details	Type	HM2GN
Rated Speed	rpm	2810		Terminal Size	M4
Rated Torque	kgm	0.13		No. of Terminal	6
Efficiency	Full load	%	75.5	Max. cable size (Cu)	mm ² 1x3Cx4.0
	3/4 load	%	75.5	DE	620ZZ
	1/2 load	%	72.0	NDE	620ZZ
Power factor	Full load		0.76	Lubrication	Prelubricated
	3/4 load		0.69	Life L10 (Direct Coupled)	hrs. 50,000
	1/2 load		0.57	Regreasing Time	hrs. -
Max. Temp. Rise (Res.)	°C	70	Lifting Eyebolt		-
Acceleration Time	sec.	-	Motor Weight (approx)	kg	8.0
Stator Connection		Y	Rotor GD ²	kgm ²	0.0010
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		2.1			
T _{po} / T _r		2.5	Voltage Variation ±	%	10
Locked rotor withstand time	Hot	sec.	4	Frequency Variation ±	% 5
	Cold	sec.	9	Combiend Variation ±	% 10

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

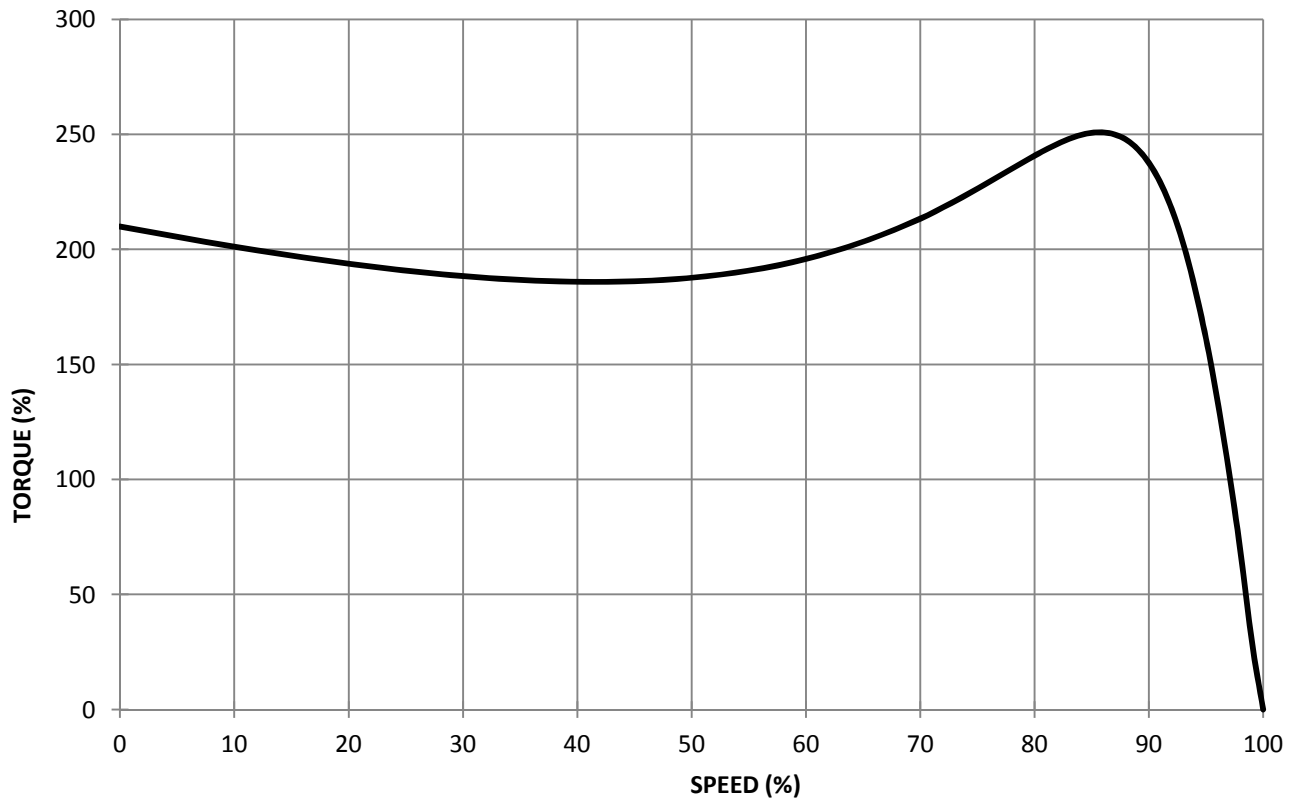
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

