

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		80	Protection IS:4691		IP 55	
Rated Output	kW	0.75	Vibration Standard		IS:12075	
	HP	1.00	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	1.7	Terminal Box Details	Type	HM2GN
Rated Speed		rpm	1415		Terminal Size	M4
Rated Torque		kgm	0.52		No. of Terminal	6
Efficiency	Full load	%	79.6	Bearing Data	Max. cable size (Cu) mm ²	1x3Cx4.0
	3/4 load	%	79.6		DE	6204ZZ
	1/2 load	%	75.0		NDE	6204ZZ
Power factor	Full load		0.77	Lubrication	Prelubricated	
	3/4 load		0.70	Life L10 (Direct Coupled) hrs.	50,000	
	1/2 load		0.63	Regreasing Time hrs.	-	
Max. Temp. Rise (Res.)		°C	70	Lifting Eyebolt		-
Acceleration Time		sec.	-	Motor Weight (approx) kg		17.0
Stator Connection			Y	Rotor GD ² kgm ²		0.0062
Tropicalised? (Yes / No)			Yes	Ambient Temp. °C		50
I _{st} / I _r			6.0	Overall Dimensions of Packed motor (LxBxH) (mm)		-
T _{st} / T _r			2.5			
T _{po} / T _r			3.0	Voltage Variation ± %		10
Locked rotor withstand time	Hot	sec.	10	Frequency Variation ± %		5
	Cold	sec.	22	Combiend Variation ± %		10

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

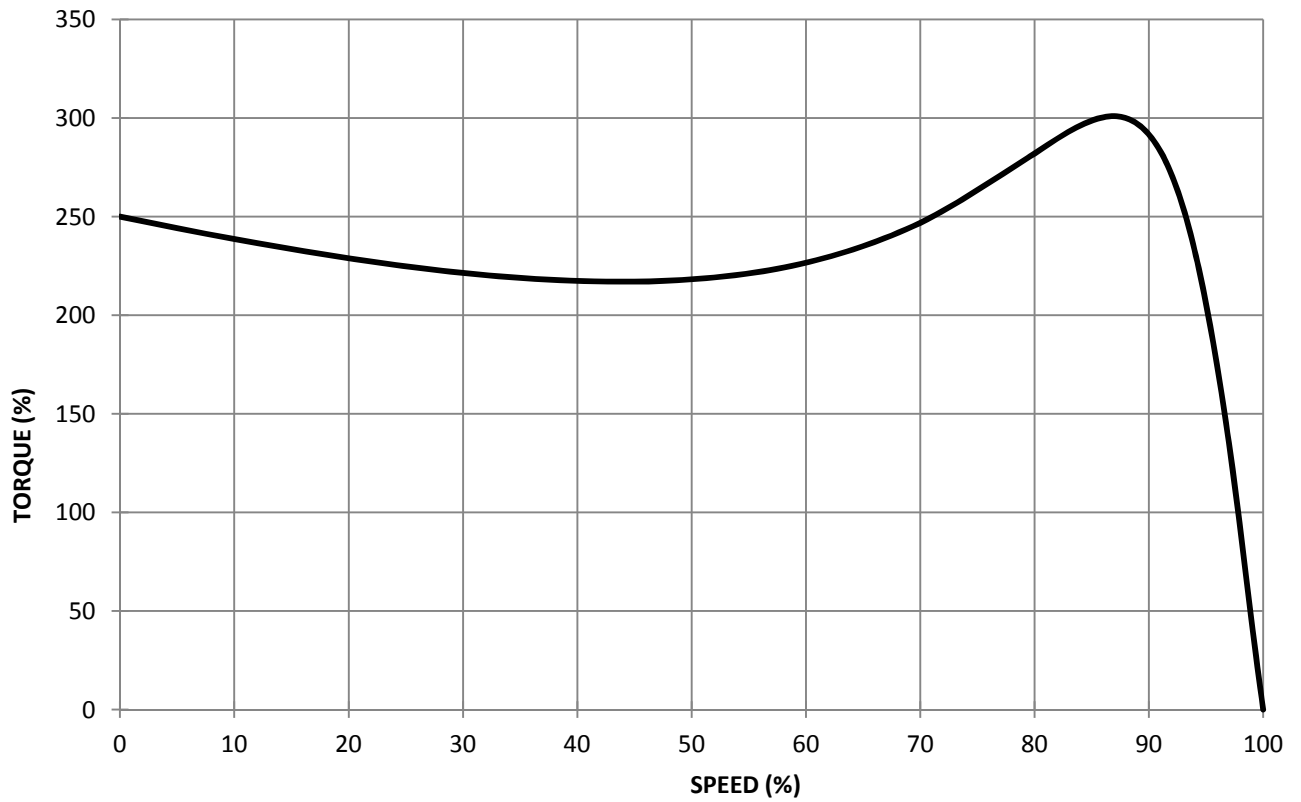
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

