

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		90L	Protection IS:4691		IP 55	
Rated Output	kW	1.10	Vibration Standard		IS:12075	
	HP	1.50	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	2.7	Terminal Box Details	Type	HM2GN	
Rated Speed	rpm	935		Terminal Size	M4	
Rated Torque	kgm	1.15		No. of Terminal	6	
Efficiency	Full load	%	78.1	Max. cable size (Cu)	mm ² 1x3Cx4.0	
	3/4 load	%	78.1	DE	6205ZZ	
	1/2 load	%	74.0	NDE	6205ZZ	
Power factor	Full load		0.73	Lubrication	Prelubricated	
	3/4 load		0.68	Life L10 (Direct Coupled)	hrs. 50,000	
	1/2 load		0.54	Regreasing Time	hrs. -	
Max. Temp. Rise (Res.)	°C	70	Lifting Eyebolt		-	
Acceleration Time	sec.	-	Motor Weight (approx)		kg 24.0	
Stator Connection		Y	Rotor GD ²		kgm ² 0.0176	
Tropicalised? (Yes / No)		Yes	Ambient Temp.		°C 50	
I _{st} / I _r		5.0	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.	13	Frequency Variation ±		% 5
	Cold	sec.	29	Combiend Variation ±		% 10

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

Data subject to tolerance as per IEC 60034-1

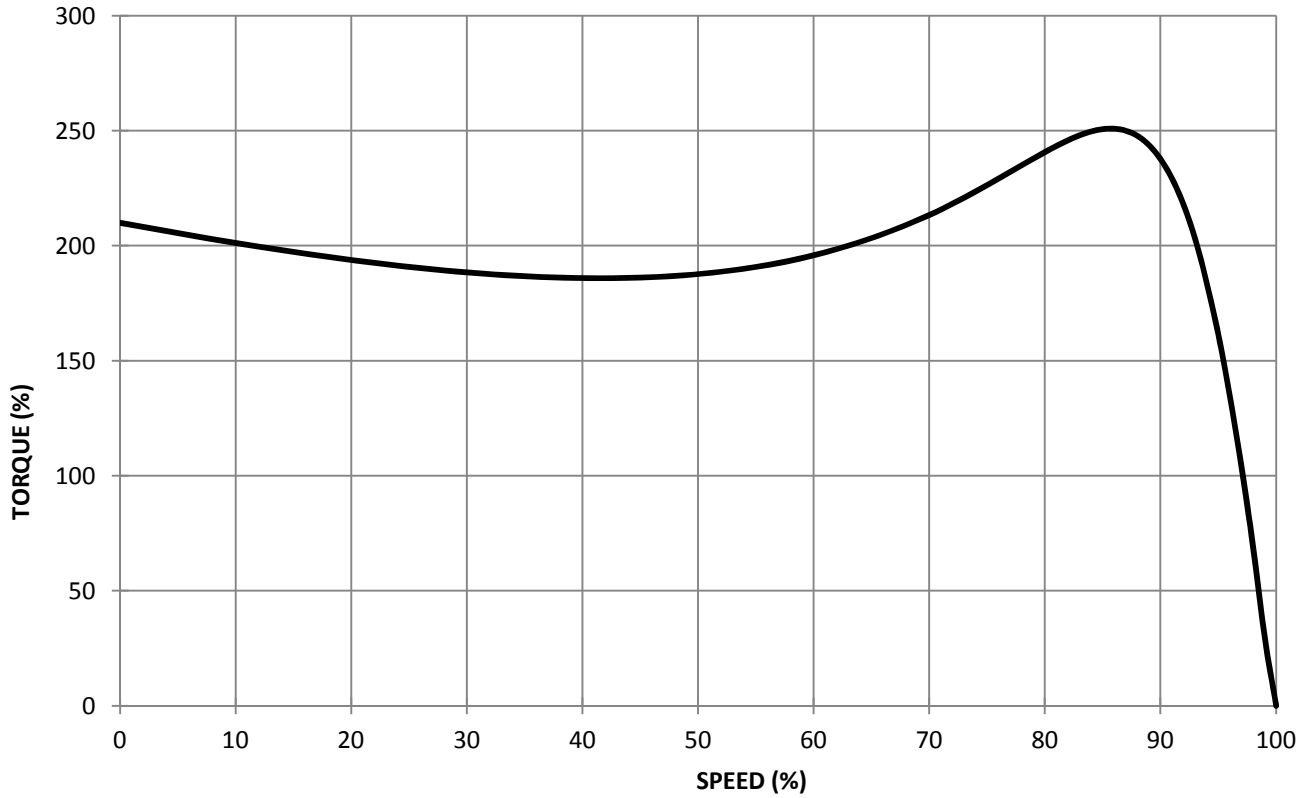
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

