

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		71 FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	0.55	Protection IS:4691		IP 55	
	HP	0.75	Vibration Standard		IS:12075	
No. of Poles		2	Noise Standard		IS:12065	
Rated Voltage	V	415	Duty		S1	
Rated Frequency	Hz	50	Insulation Class		F	
Rated Current	A	1.3	Cooling IS:6362		IC411	
Rated Speed	rpm	2840	Terminal Box Details	Terminal Size	M4	
Rated Torque	kgm	0.19		No. of Terminal	6	
Efficiency	Full load	%	74.8	Max. cable size	mm ² 1x3Cx4.0	
	3/4 load	%	74.8	DE	6202ZZ	
	1/2 load	%	71.0	NDE	6202ZZ	
Power factor	Full load		0.79	Lubrication	Prelubricated	
	3/4 load		0.75	Life L10 (Direct coupled)	hrs. 50,000	
	1/2 load		0.70	Regreasing Time	hrs. -	
Temp. Rise (Res.)	°C	70	Lifting Eyebolt IS:4190		-	
Acceleration Time	sec.	-	Motor Weight (approx)	kg	22	
Stator Connection		Y	Rotor GD ²	kgm ²	0.0014	
Tropicalised? (Yes/No)		Yes	Ambient Temp.	°C	50	
I_{st} / I_r	%	5.5	Overall Dimensions of Packed motor (LxBxH) (mm)			
T_{st} / T_r	%	2.3				
T_{po} / T_r	%	2.7	Voltage Variation ±	%	10	
Locked rotor withstand time	Hot	sec	4	Frequency Variation ±	%	5
	Cold	sec	9	Combiend Variation ±	%	10

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

Data subject to tolerance as per IS:12615.

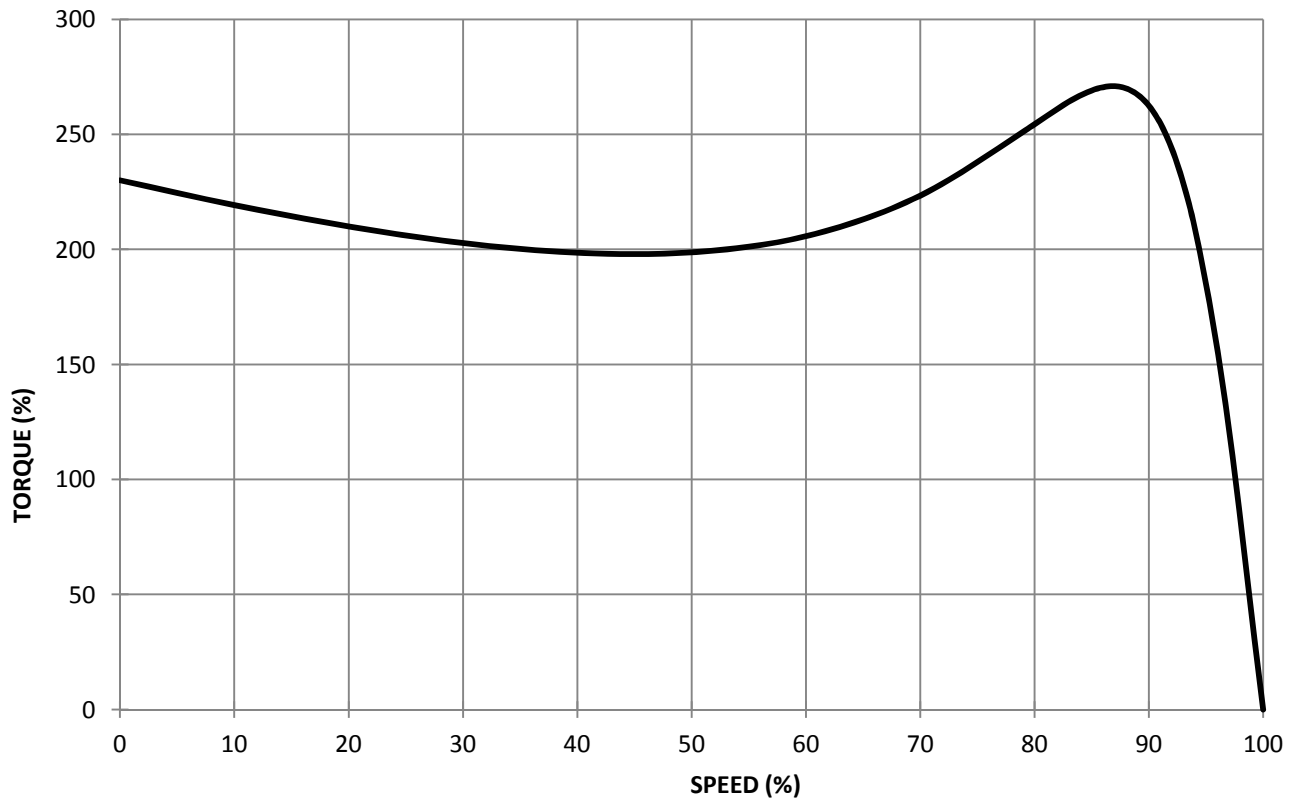
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

