

No. of Phases		3	Reference	Performance	IS:325	
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	1.25	Cooling IS:6362		IC411
Rated Speed		rpm	2815	Terminal Box Details	Terminal Size	M4
Rated Torque		kgm	0.19		No. of Terminal	6
Efficiency	Full load	%	72.5	Bearing Data	Max. cable size	mm ² 1x3Cx4.0
	3/4 load	%	72.0		DE	6202ZZ
	1/2 load	%	64.0		NDE	6202ZZ
Power factor	Full load		0.84	Lubrication	Prelubricated	
	3/4 load		0.79	Life L10 (Direct coupled)	hrs. 50,000	
	1/2 load		0.71	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		%	4.7	Overall Dimensions of Packed motor (LxBxH) (mm)		
T _{st} / T _r		%	2.4			
T _{po} / T _r		%	2.7	Voltage Variation ±	%	10
Locked rotor withstand time	Hot	sec	5	Frequency Variation ±	%	5
	Cold	sec	11	Combiend Variation ±	%	10

Remarks: (1) Efficiency class : EFF2
(2) Motor construction: TEFC

Data subject to tolerance as per IS:12615.

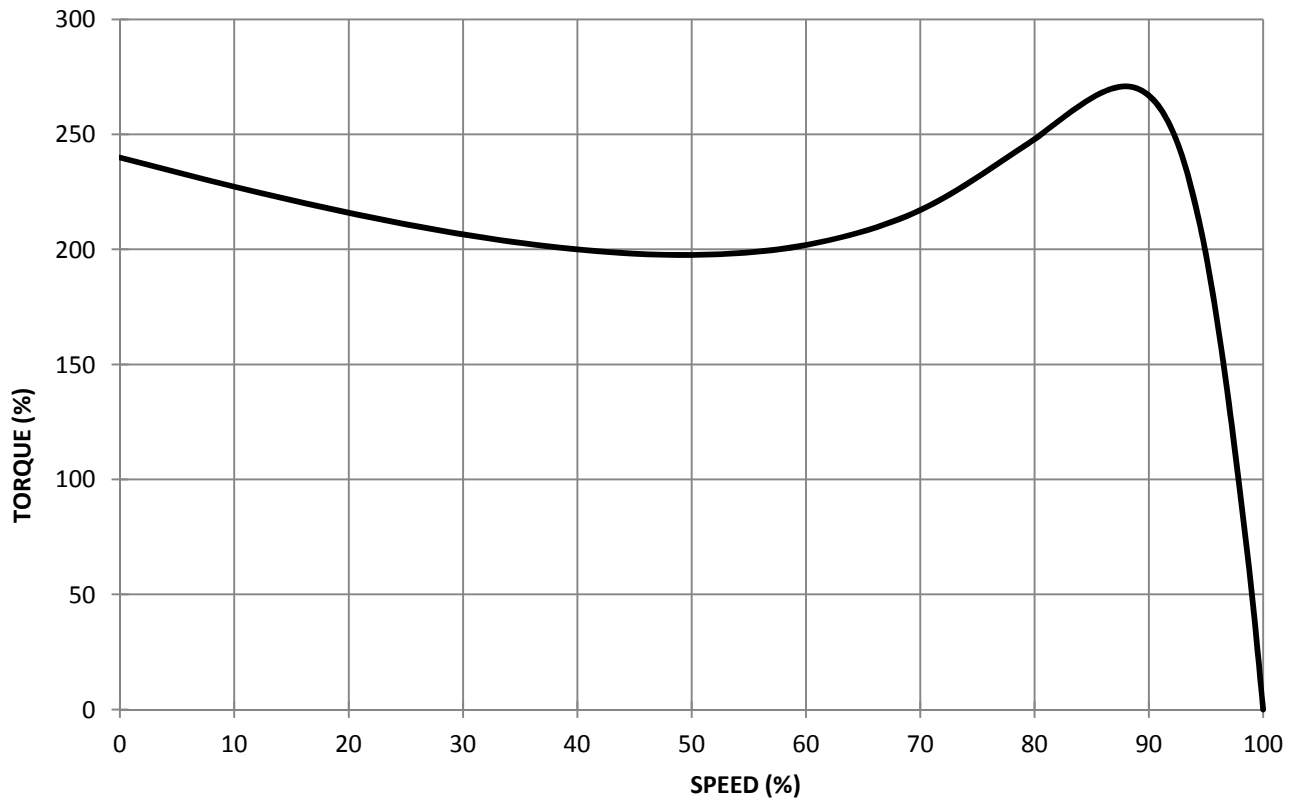
Prep.: ENGG

Chkd.:

Date:

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TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

