

No. of Phases		3	Reference	Performance	IS:325	
Frame Designation		63 FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	0.25	Protection IS:4691		IP 55	
	HP	0.33	Vibration Standard		IS:12075	
No. of Poles		2	Noise Standard		IS:12065	
Rated Voltage		V	415	Duty		
Rated Frequency		Hz	50	Insulation Class		
Rated Current		A	0.67	Cooling IS:6362		
Rated Speed		rpm	2790	Terminal Box Details	Terminal Size	
Rated Torque		kgm	0.09		No. of Terminal	M4
Efficiency	Full load	%	66.0	Bearing Data	Max. cable size	
	3/4 load	%	66.0		mm ²	1x3Cx4.0
	1/2 load	%	60.0		DE	6201ZZ
Power factor	Full load		0.79	NDE	6201ZZ	
	3/4 load		0.69	Lubrication	Prelubricated	
	1/2 load		0.57	Life L10 (Direct coupled)	hrs. 50,000	
Temp. Rise (Res.)		°C	70	Regreasing Time	hrs. -	
Acceleration Time		sec.	-	Lifting Eyebolt IS:4190		
Stator Connection		Y	Motor Weight (approx)		kg 20	
Tropicalised? (Yes/No)		Yes	Rotor GD ²		kgm ² 0.0009	
I _{st} / I _r		%	4.7	Ambient Temp.		
T _{st} / T _r		%	2.0	°C	50	
T _{po} / T _r		%	2.3	Overall Dimensions of Packed motor (LxBxH) (mm)		
Locked rotor withstand time		Hot sec	8	-		
		Cold sec	18	Voltage Variation ±	% 10	
				Frequency Variation ±	% 5	
				Combiend Variation ±	% 10	

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

Data subject to tolerance as per IS:12615.

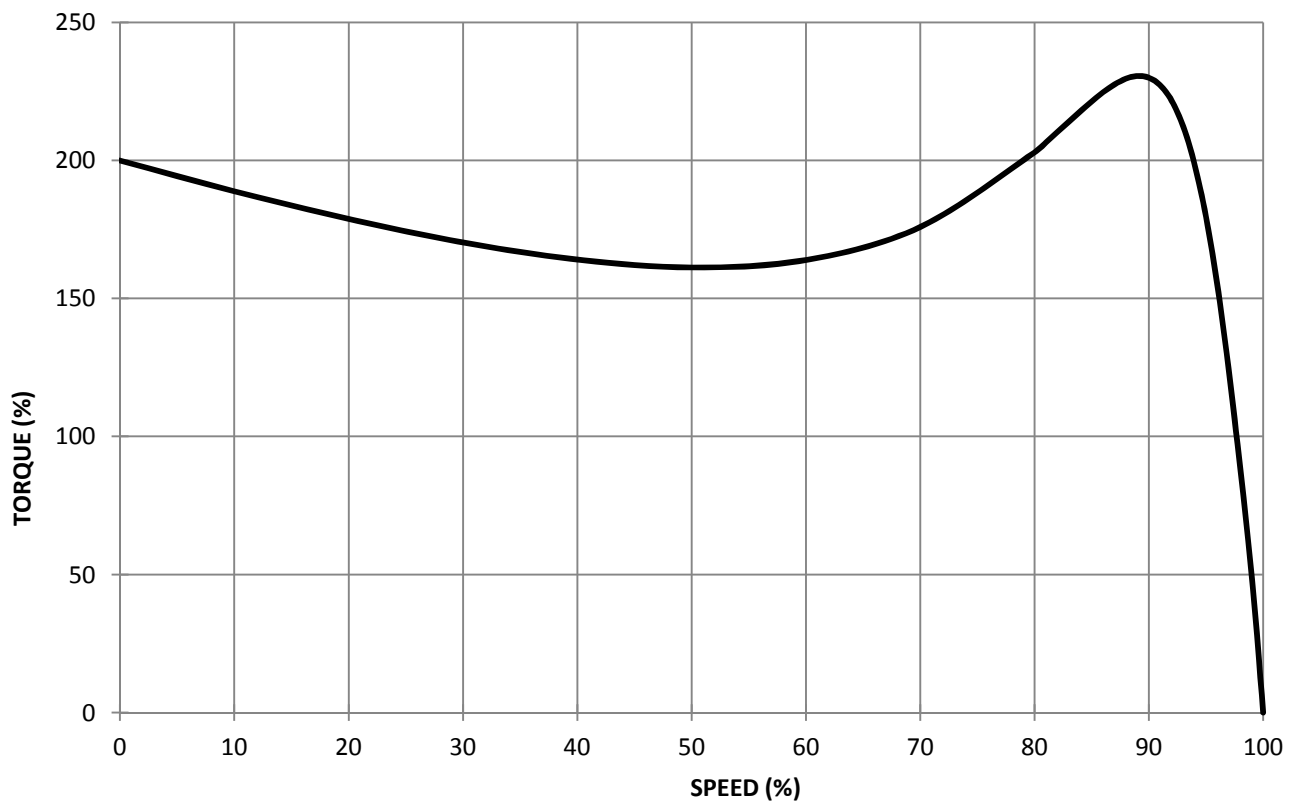
Prep.: ENGG

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

