

No. of Phases		3	Reference	Performance	IS:12615	
Frame Designation		132M FLP	Standard	Enclosure	IS:60079-1	
Rated Output	kW	5.50	Protection IS:4691		IP 55	
	HP	7.50	Vibration Standard		IS:12075	
No. of Poles		4	Noise Standard		IS:12065	
Rated Voltage	V	415	Duty		S1	
Rated Frequency	Hz	50	Insulation Class		F	
Rated Current	A	10.5	Cooling IS:6362		IC411	
Rated Speed	rpm	1450	Terminal Box Details	Terminal Size	M5	
Rated Torque	kgm	3.69		No. of Terminal	6	
Efficiency	Full load	%		87.7	Max. cable size	mm ² 2x3Cx10.0
	3/4 load	%	87.7	DE	6308ZZ	
	1/2 load	%	86.0	NDE	6208ZZ	
Power factor	Full load		0.83	Bearing Data	Lubrication	Prelubricated
	3/4 load		0.79		Life L10 (Direct coupled)	hrs. 50,000
	1/2 load		0.72		Regreasing Time	hrs. -
Temp. Rise (Res.)	°C	70	Lifting Eyebolt IS:4190		M10	
Acceleration Time	sec.	-	Motor Weight (approx)	kg	92	
Stator Connection		D	Rotor GD ²	kgm ²	0.0676	
Tropicalised? (Yes/No)		Yes	Ambient Temp.	°C	50	
I _{st} / I _r	%	7.0	Overall Dimensions of Packed motor (LxBxH) (mm)			
T _{st} / T _r	%	2.4				
T _{po} / T _r	%	2.8	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.

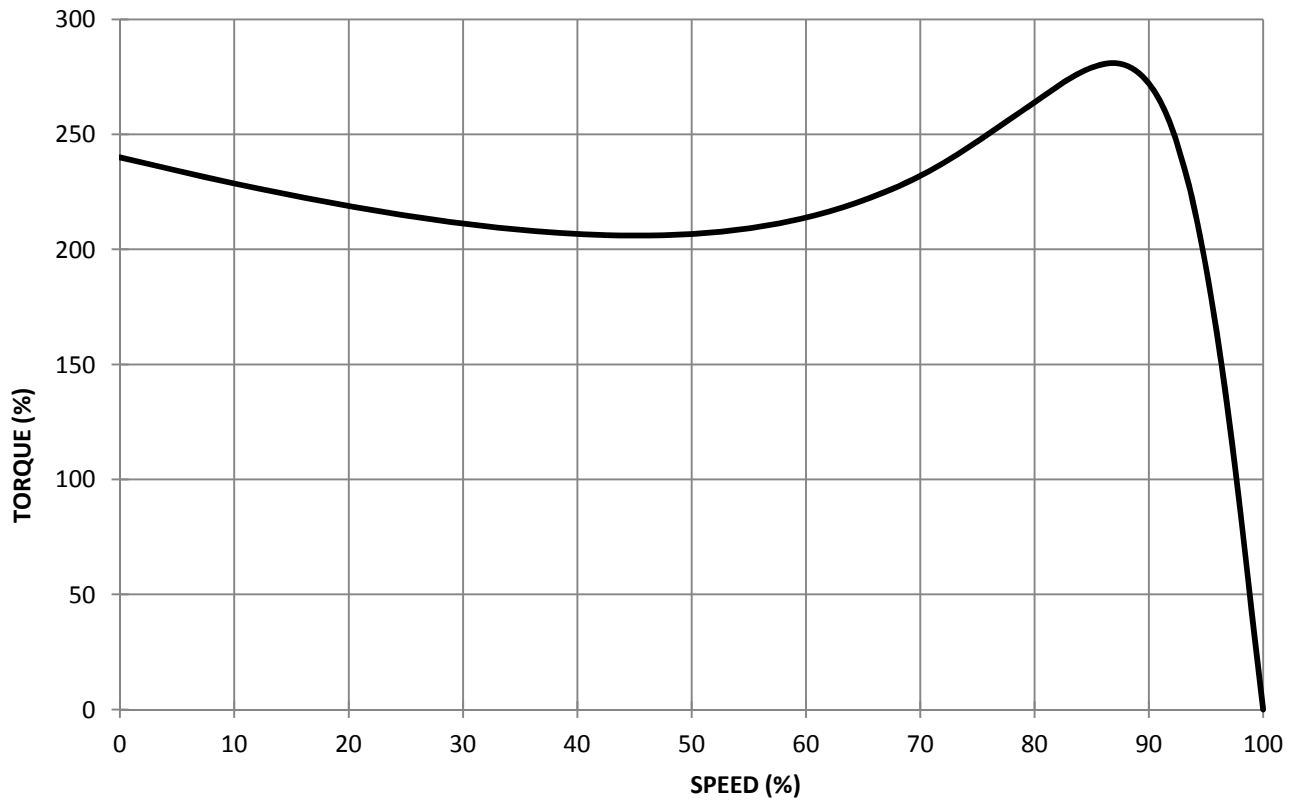
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

