

No. of Phases		3		Reference Standard	Performance Enclosure		IS:12615	
Frame Designation		132M FLP					IS:60079-1	
Rated Output	kW	3.70		Protection IS:4691		IP 55		
	HP	5.00		Vibration Standard		IS:12075		
No. of Poles		6		Noise Standard		IS:12065		
Rated Voltage		V	415	Duty		S1		
Rated Frequency		Hz	50	Insulation Class		F		
Rated Current		A	7.6	Cooling IS:6362		IC411		
Rated Speed		rpm	950	Terminal Box Details	Terminal Size		M5	
Rated Torque		kgm	3.79		No. of Terminal		6	
Efficiency	Full load	%	84.3		Max. cable size		mm ²	2x3Cx10.0
	3/4 load	%	84.3	DE		6308ZZ		
	1/2 load	%	80.0	NDE		6208ZZ		
Power factor	Full load		0.80	Bearing Data	Lubrication		Prelubricated	
	3/4 load		0.74		Life L10 (Direct coupled)		hrs.	50,000
	1/2 load		0.62		Regreasing Time		hrs.	-
Temp. Rise (Res.)		°C	70	Lifting Eyebolt IS:4190		M10		
Acceleration Time		sec.	-	Motor Weight (approx)		kg	89	
Stator Connection			D	Rotor GD ²		kgm ²	0.0991	
Tropicalised? (Yes/No)			Yes	Ambient Temp.		°C	50	
I _{st} / I _r		%	6.0	Overall Dimensions of Packed motor (LxBxH) (mm)				
T _{st} / T _r		%	2.2					
T _{po} / T _r		%	2.6	Voltage Variation ±		%	10	
Locked rotor withstand time	Hot	sec	7	Frequency Variation ±		%	5	
	Cold	sec	16	Combiend Variation ±		%	10	

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

Data subject to tolerance as per IS:12615.

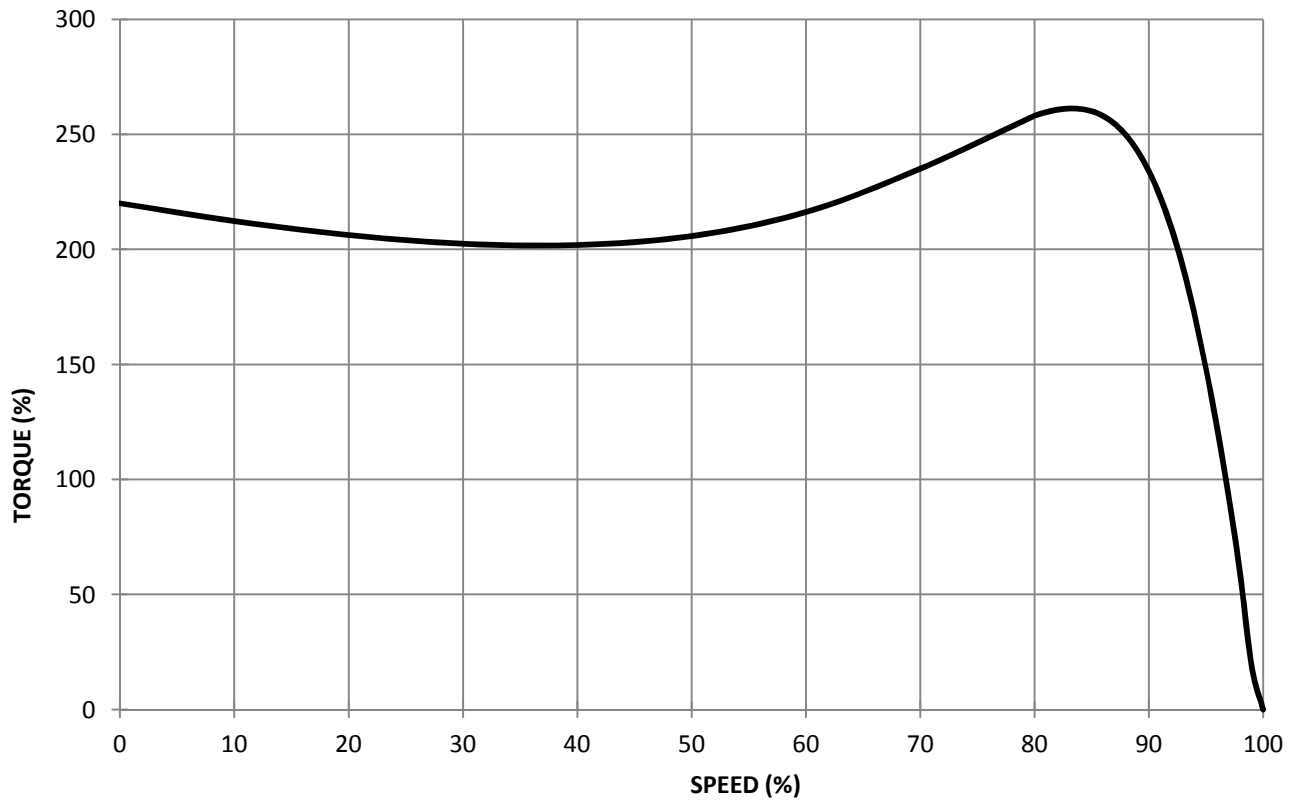
Prep.: Engg

Chkd.:

Date:

Date:

TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

