

No. of Phases		3	Reference	Performance	IS:325
Frame Designation		132M FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	7.50	Protection IS:4691		IP 55
	HP	10.00	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 14.2	Cooling IS:6362		IC411
Rated Speed		rpm 1450	Terminal Box Details	Terminal Size	M5
Rated Torque		kgm 5.04		No. of Terminal	6
Efficiency	Full load	%	87.0	Max. cable size	mm <sup>2</sup> 2x3Cx10
	3/4 load	%	87.0	DE	6308ZZ
	1/2 load	%	86.0	NDE	6208ZZ
Power factor	Full load		0.84	Lubrication	Prelubricated
	3/4 load		0.79	Life L10 (Direct coupled)	hrs. 50,000
	1/2 load		0.69	Regreasing Time	hrs. -
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M10
Acceleration Time		sec. -	Motor Weight (approx)		kg 95
Stator Connection		D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 0.0912
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I <sub>st</sub> / I <sub>r</sub>		%	5.5	Overall Dimensions of Packed motor (LxBxH) (mm)	
T <sub>st</sub> / T <sub>r</sub>		%	2.3		
T <sub>po</sub> / T <sub>r</sub>		%	2.5		
Locked rotor withstand time	Hot	sec	7	Voltage Variation ±	%
	Cold	sec	15	Frequency Variation ±	%
				Combiend Variation ±	%

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

Data subject to tolerance as per IS:12615.

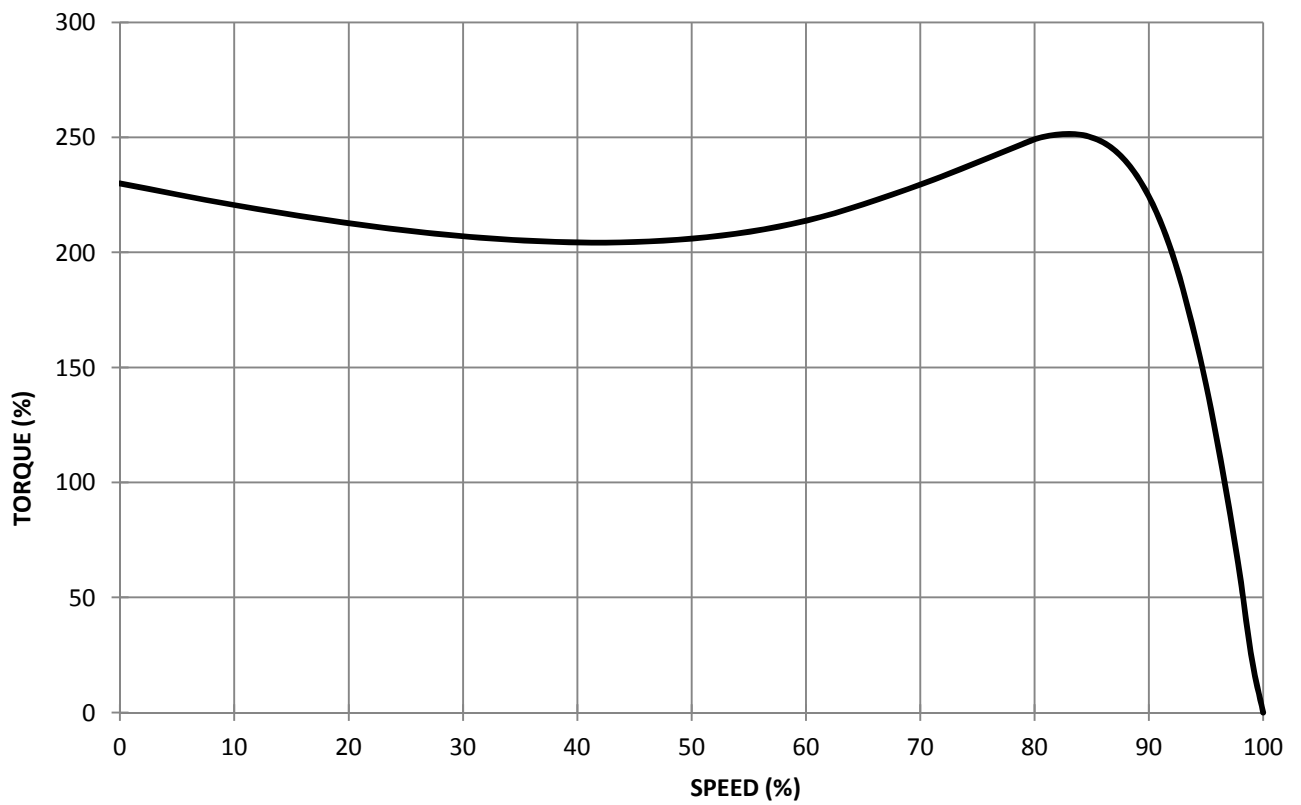
Prep.: ENGG

Chkd.:

Date:

Date:

### TORQUE SPEED CURVE



### LOAD-EFFICIENCY-POWER FACTOR CURVE

