

No. of Phases		3	Reference	Performance	IS:325
Frame Designation		112M FLP	Standard	Enclosure	IS:60079-1
Rated Output	kW	3.70	Protection IS:4691		IP 55
	HP	5.00	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 7.2	Cooling IS:6362		IC411
Rated Speed		rpm 1440	Terminal Box Details	Terminal Size	M5
Rated Torque		kgm 2.50		No. of Terminal	6
Efficiency	Full load	%	85.0	Max. cable size	mm ² 2x3Cx10
	3/4 load	%	85.0	DE	6306ZZ
	1/2 load	%	84.0	NDE	6206ZZ
Power factor	Full load		0.84	Lubrication	Prelubricated
	3/4 load		0.78	Life L10 (Direct coupled)	hrs. 50,000
	1/2 load		0.70	Regreasing Time	hrs. -
Temp. Rise (Res.)		°C 70	Lifting Eyebolt IS:4190		M8
Acceleration Time		sec. -	Motor Weight (approx)		kg 64
Stator Connection		D	Rotor GD ²		kgm ² 0.0342
Tropicalised? (Yes/No)		Yes	Ambient Temp.		°C 50
I _{st} / I _r		%	5.5	Overall Dimensions of Packed motor (LxBxH) (mm)	
T _{st} / T _r		%	2.2		
T _{po} / T _r		%	2.5		
Locked rotor withstand time	Hot	sec	6	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.

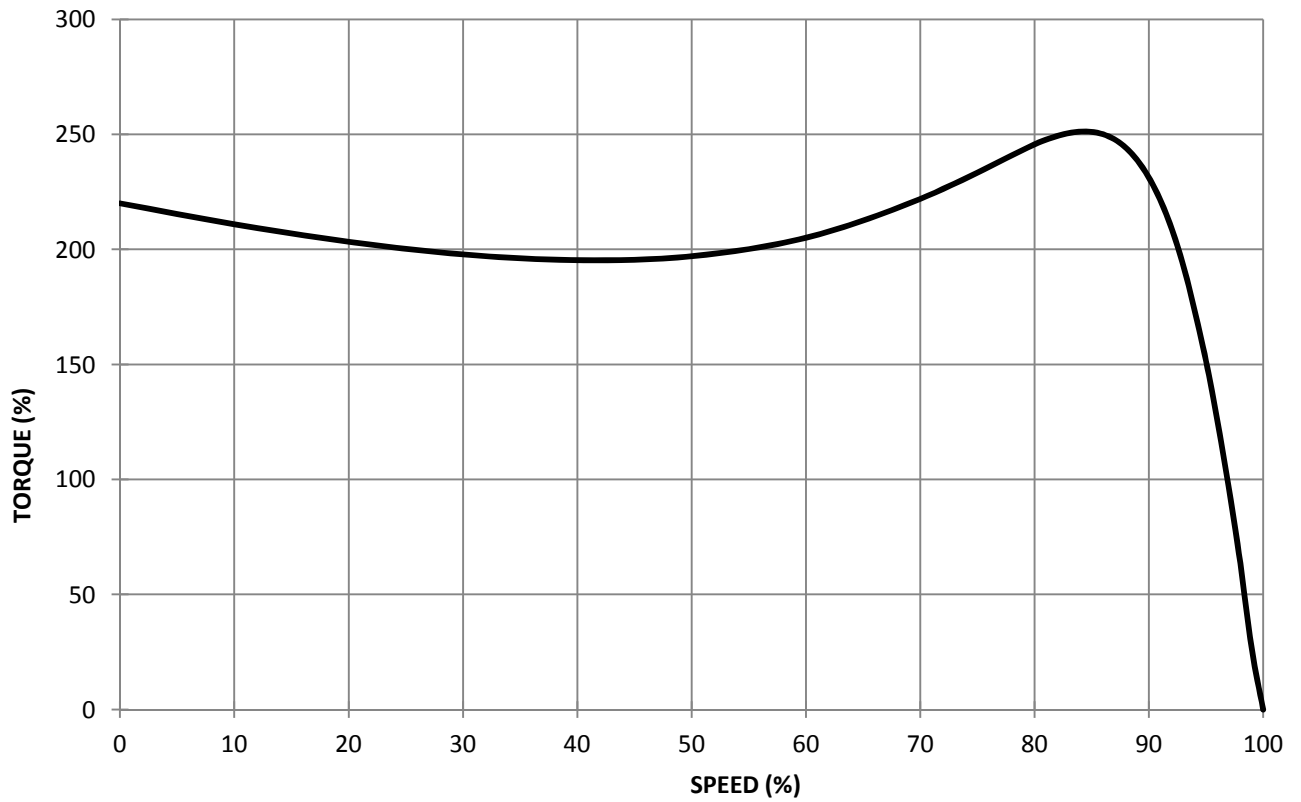
Prep.: ENGG

Chkd.:

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TORQUE SPEED CURVE



LOAD-EFFICIENCY-POWER FACTOR CURVE

