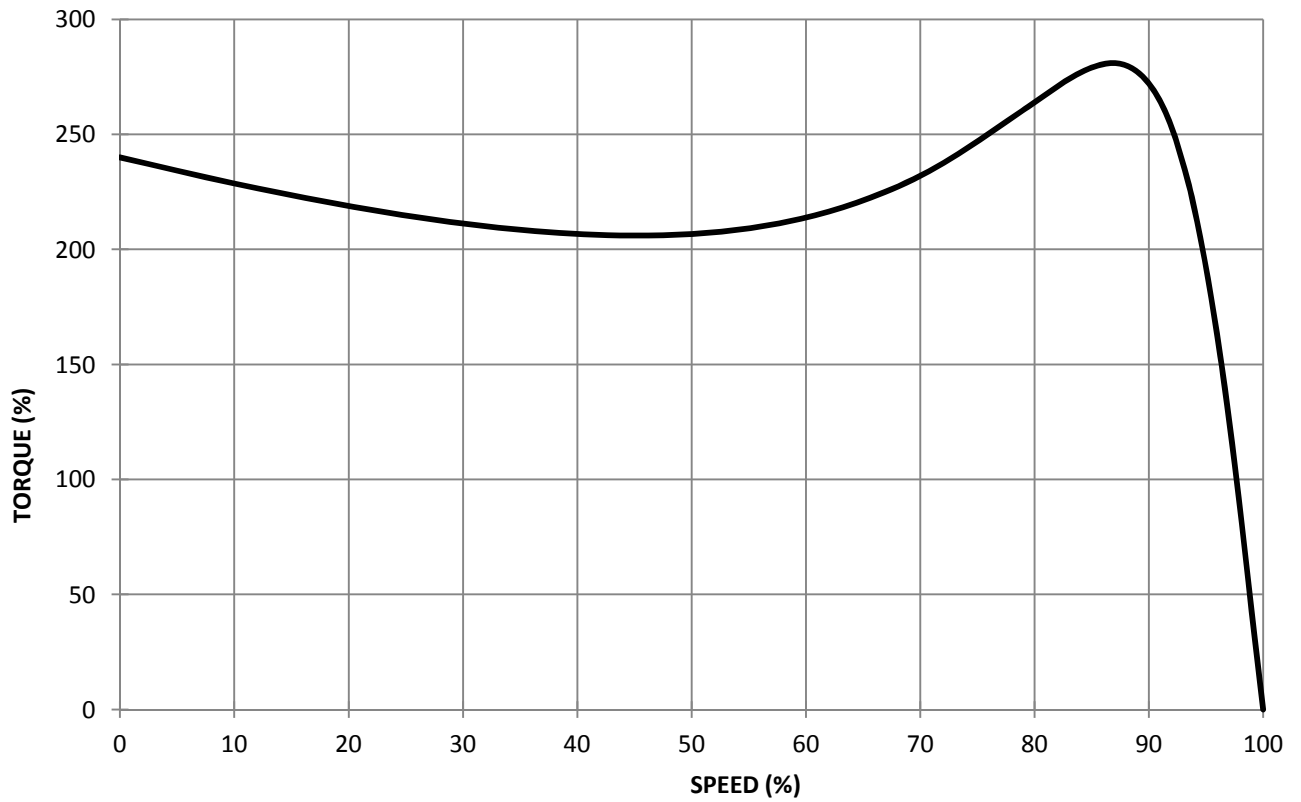


No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		100L	Protection IS:4691		IP 55	
Rated Output	kW	2.20	Vibration Standard		IS:12075	
	HP	3.00	Noise Standard		IS:12065	
No. of Poles		4	Duty		S1	
Rated Voltage		V	415	Insulation Class		F
Rated Frequency		Hz	50	Cooling IS:6362		IC411
Rated Current		A	4.4	Terminal Box Details	Type	HM3GN
Rated Speed		rpm	1440		Terminal Size	M5
Rated Torque		kgm	1.49		No. of Terminal	6
Efficiency	Full load	%	84.3	Bearing Data	Max. cable size (Cu)	mm <sup>2</sup> 2x3Cx10.0
	3/4 load	%	84.3		DE	6206ZZ
	1/2 load	%	82.5		NDE	6206ZZ
Power factor	Full load		0.83	Lubrication	Prelubricated	
	3/4 load		0.76	Life L10 (Direct Coupled)	hrs.	50,000
	1/2 load		0.65	Regreasing Time	hrs.	-
Max. Temp. Rise (Res.)		°C	70	Lifting Eyebolt		M8
Acceleration Time		sec.	-	Motor Weight (approx)		kg 28.0
Stator Connection			D	Rotor GD <sup>2</sup>		kgm <sup>2</sup> 0.0182
Tropicalised? (Yes / No)			Yes	Ambient Temp.		°C 50
I <sub>st</sub> / I <sub>r</sub>			6.5	Overall Dimensions of Packed motor (LxBxH) (mm)		
T <sub>st</sub> / T <sub>r</sub>			2.4			
T <sub>po</sub> / T <sub>r</sub>			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 IEC 60034-1						
Prep.: Engg			Chkd.:			
Date:			Date:			



LOAD-EFFICIENCY-POWER FACTOR CURVE

