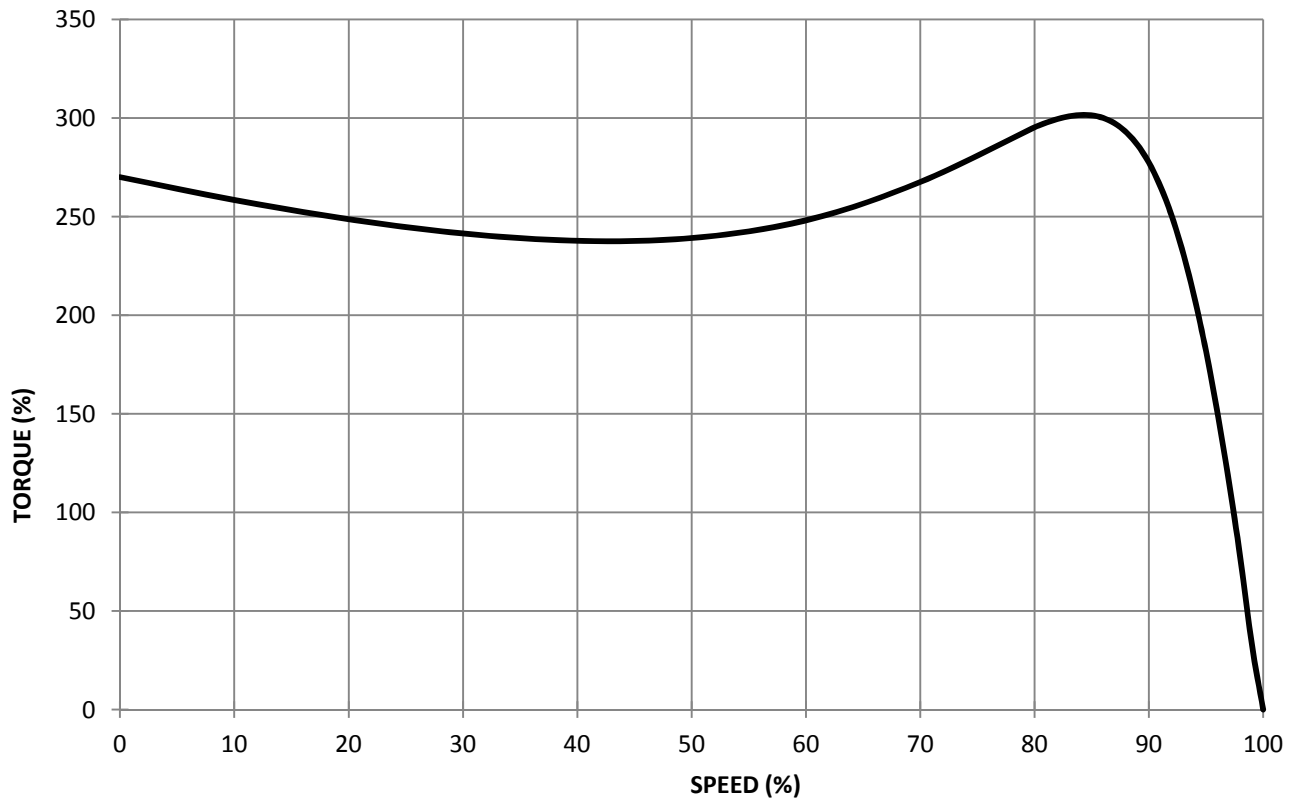


No. of Phases		2	Reference Standard		IS:55	
Frame Designation		2HE2 083-02	Protection IS:4691		IP 12075	
Rated Output	kW	1.50	Vibration Standard		IS:12065	
	HP	3.00	Noise Standard		S1	
No. of Poles		415	Duty		F	
Rated Voltage	V	50	Insulation Class		IC411	
Rated Frequency	Hz	2	Cooling IS:6362		HM2GN	
Rated Current	A	2860.0	Terminal Box Details	Type	4	
Rated Speed	rpm	0		Terminal Size	M6	
Rated Torque	kgm	79.60		No. of Terminal	1x3Cx4.0	
Efficiency	Full load	%	79.6	Max. cable size (Cu) mm ²	6204ZZ	
	3/4 load	%	76.0	DE	6204ZZ	
	1/2 load	%	0.8	NDE	Prelubricated	
Power factor	Full load		0.77	Lubrication	50000	
	3/4 load		0.73	Life L10 (Direct Coupled) hrs.	-	
	1/2 load		70.00	Regreasing Time hrs.	-	
Max. Temp. Rise (Res.)	°C	-	Lifting Eyebolt		M15	
Acceleration Time	sec.	Y	Motor Weight (approx) kg		0.0	
Stator Connection		Yes	Rotor GD ² kgm ²		50.0000	
Tropicalised? (Yes / No)		6.50	Ambient Temp. °C		-	
I _{st} / I _r		2.3	Overall Dimensions of Packed motor (LxBxH) (mm)			
T _{st} / T _r		2.7				
T _{po} / T _r		3.0	Voltage Variation ± %		5	
Locked rotor withstand time	Hot	sec.	8	Frequency Variation ± %		10
	Cold	sec.	12615	Combiend Variation ± %		10
Remarks: (1) Efficiency Class : IE (2) Motor Construction : TEFC						
Data subject to tolerance as per IEC 60034-1						
Prep.: Engg		Chkd.:				
Date:		Date:				



LOAD-EFFICIENCY-POWER FACTOR CURVE

EP1.1

