



**DATA SHEET:  
INDUCTION MOTOR**

**Motor Type  
2HE2 073-04**

No. of Phases		3	Reference Standard		IS:12615	
Frame Designation		71	Protection IS:4691		IP 55	
Rated Output	kW	0.37	Vibration Standard		IS:12075	
	HP	0.50	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	1.0	Terminal Box Details	Type	HM2GN
Rated Speed		rpm	1390		Terminal Size	M4
Rated Torque		kgm	0.26		No. of Terminal	6
Efficiency	Full load	%	70.1	Bearing Data	Max. cable size (Cu)	mm <sup>2</sup> 1x3Cx4.0
	3/4 load	%	70.1		DE	6202ZZ
	1/2 load	%	65.0		NDE	6202ZZ
Power factor	Full load		0.73	Lubrication	Prelubricated	
	3/4 load		0.67	Life L10 (Direct Coupled)	hrs. 50,000	
	1/2 load		0.58	Regreasing Time	hrs. -	
Max. Temp. Rise (Res.)		°C	70	Lifting Eyebolt		-
Acceleration Time		sec.	-	Motor Weight (approx)	kg	9.0
Stator Connection			Y	Rotor GD <sup>2</sup>	kgm <sup>2</sup>	0.0022
Tropicalised? (Yes / No)			Yes	Ambient Temp.	°C	50
I <sub>st</sub> / I <sub>r</sub>			6.0	Overall Dimensions of Packed motor (LxBxH) (mm)		
T <sub>st</sub> / T <sub>r</sub>			1.9			
T <sub>po</sub> / T <sub>r</sub>			2.3	Voltage Variation ±	%	10
Locked rotor withstand time	Hot	sec.	6	Frequency Variation ±	%	5
	Cold	sec.	13	Combiend Variation ±	%	10

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

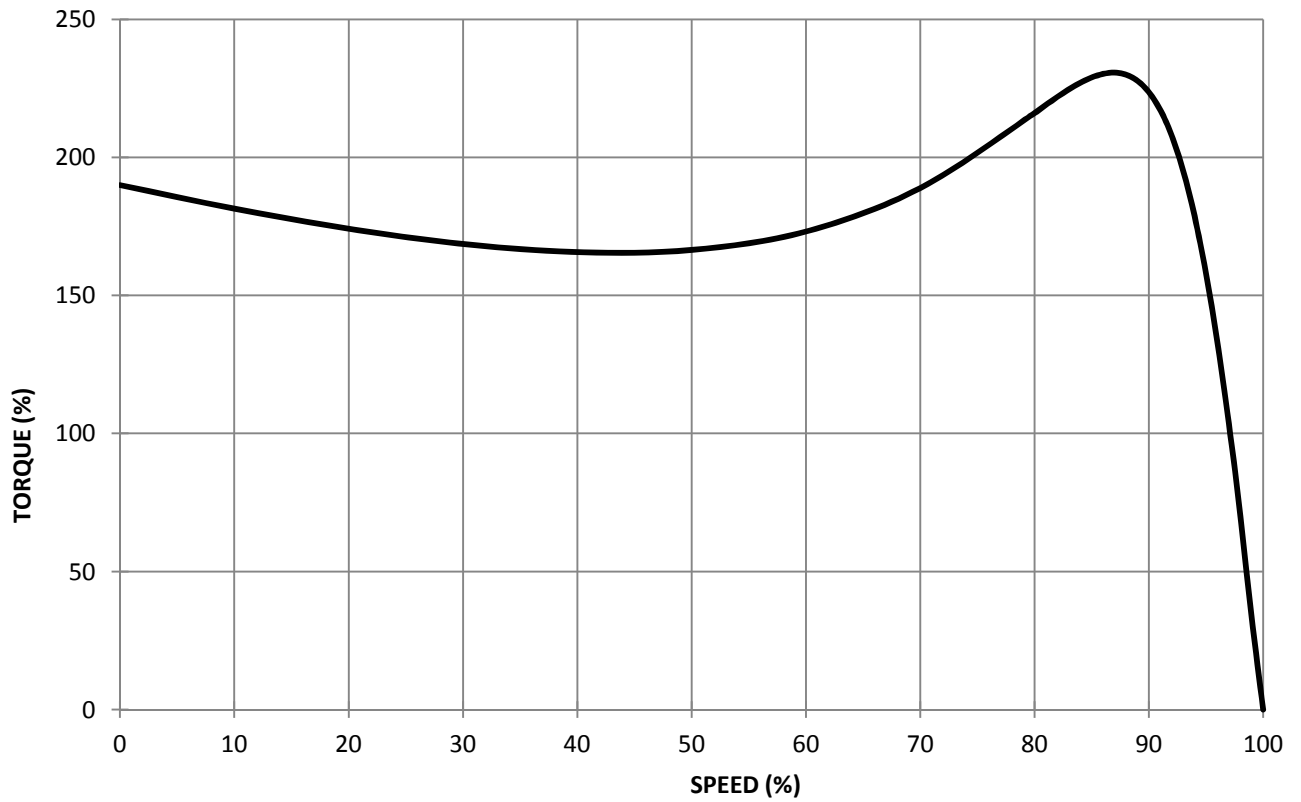
Data subject to tolerance as per IEC 60034-1

Prep.: Engg

Chkd.:

Date:

Date:



LOAD-EFFICIENCY-POWER FACTOR CURVE

