

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line : Three-Phase		Product code : 13623813		
Frame : 56 Insulation class : F Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l.		Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 10.7 kg Moment of inertia (J) : 0.0030 kgm ²		
Output [HP]	0.75			
Poles	4			
Frequency [Hz]	60			
Rated voltage [V]	575			
Rated current [A]	0.920			
L. R. Amperes [A]	6.72			
LRC [A]	7.3x(Code K)			
No load current [A]	0.640			
Rated speed [RPM]	1760			
Slip [%]	2.22			
Rated torque [kgfm]	0.309			
Locked rotor torque [%]	250			
Breakdown torque [%]	300			
Service factor	1.25			
Temperature rise	80 K			
Locked rotor time	37s (cold) 21s (hot)			
Noise level ²	52.0 dB(A)			
Efficiency (%)	25%			
	50%	74.0		
	75%	78.5		
	100%	81.1		
Power Factor	25%			
	50%	0.52		
	75%	0.65		
	100%	0.74		
Bearing type : <u>Drive end</u> 6203 ZZ <u>Non drive end</u> 6202 ZZ Sealing : Without Without Bearing Seal Bearing Seal Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM		Foundation loads Max. traction : 24 kgf Max. compression : 35 kgf		
Notes				
This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.		These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.		
Rev.	Changes Summary		Performed	Checked
Performed by				
Checked by			Page	Revision
Date	17/05/2022		1 / 2	

LOAD PERFORMANCE CURVE

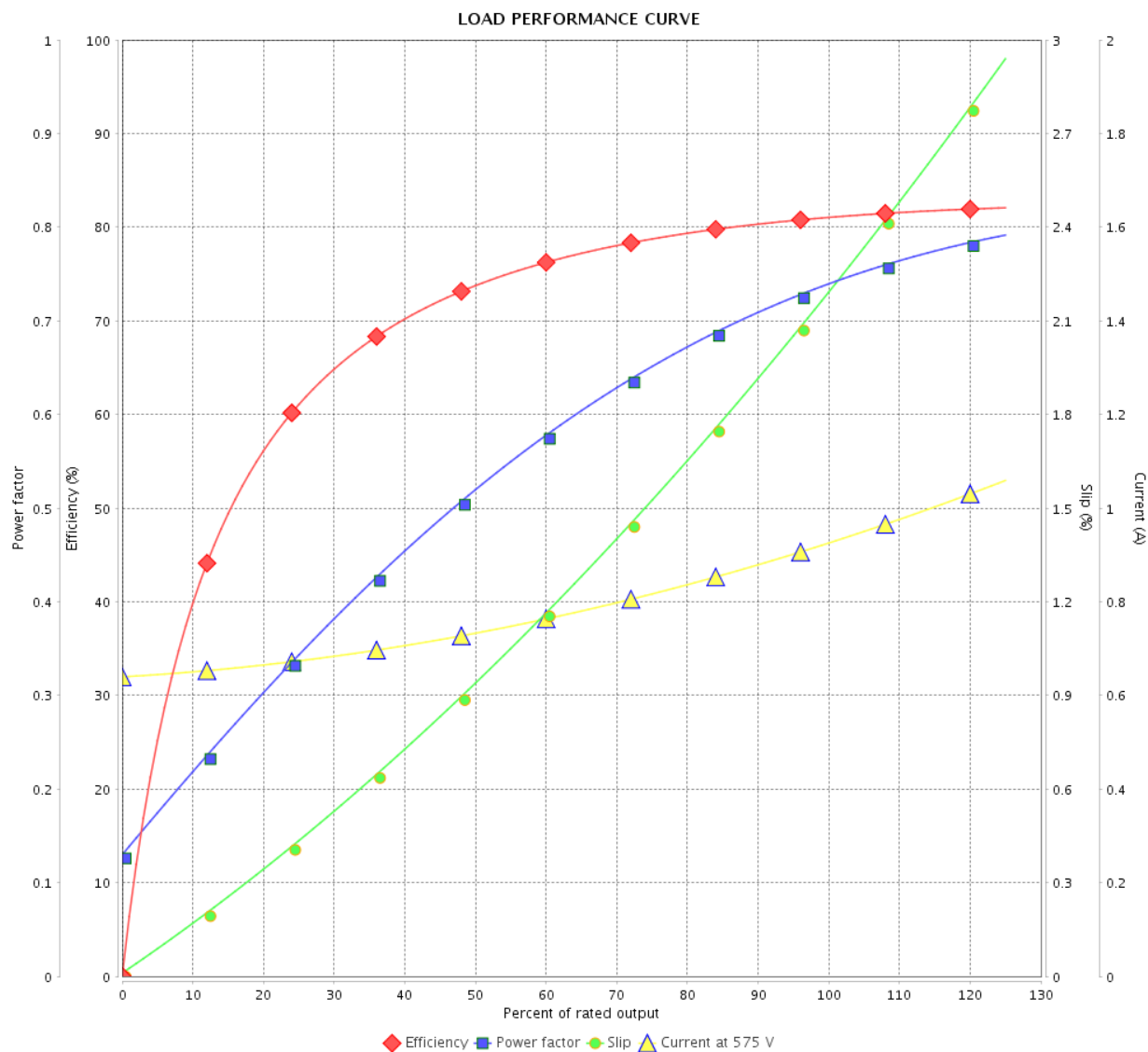
Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : Three-Phase

Product code : 13623813

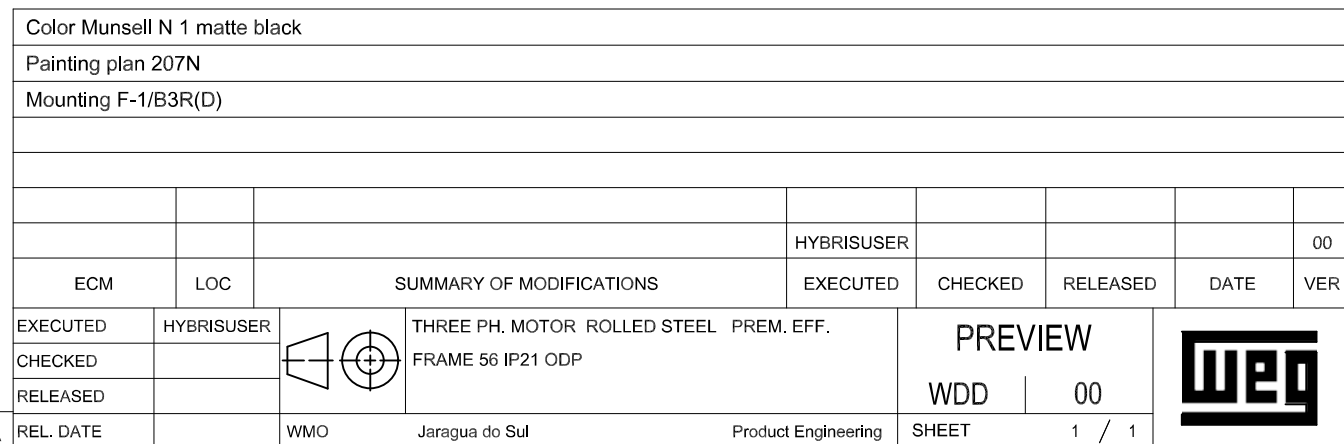
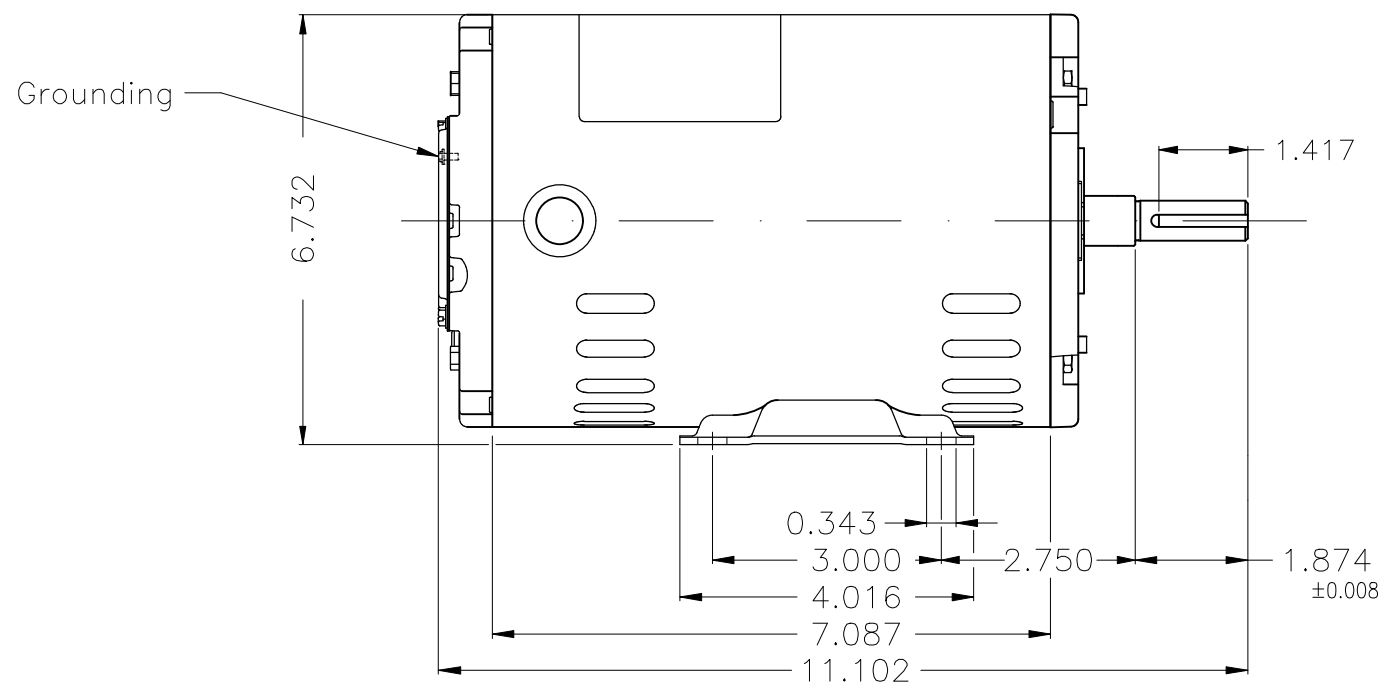


Performance : 575 V 60 Hz 4P

Rated current : 0.920 A
 LRC : 7.3
 Rated torque : 0.309 kgfm
 Locked rotor torque : 250 %
 Breakdown torque : 300 %
 Rated speed : 1760 rpm

Moment of inertia (J) : 0.0030 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.25
 Temperature rise : 80 K

Rev.	Changes Summary		Performed	Checked	Date
Performed by				Page	Revision
Checked by				2 / 2	
Date					



WEG's property. Forbidden reproduction without previous authorization.