

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - TEFC - Premium Efficiency (DOE) Jet Pump - Forma J Product code : 19188695

Frame	: W56J	Locked rotor time	: 16 s (hot) 29 s (cold)
Output	: 0.75 HP (0.55 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 575 V	Altitude	: 3280 ft
Rated current	: 0.896 A	Protection degree	: IP55
L. R. Amperes	: 7.26 A	Cooling method	: IC411 - TEFC
LRC	: 8.1	Mounting	: F-1/B34R(D)
No load current	: 0.498 A	Rotation ¹	: Counter clockwise
Rated speed	: 3440 rpm	Noise level ²	: 65.0 dB(A)
Slip	: 4.44 %	Vibration class	: A
Rated torque	: 1.13 ft.lb	Starting method	: Direct On Line
Locked rotor torque	: 350 %	Approx. weight ³	: 18.3 lb
Pull up torque	: 295 %	Painting plan	: 207N
Breakdown torque	: 360 %	Color	: MUNSELL N 1 - MATTE
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0214 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	70.0	75.5	77.0
Power Factor	0.62	0.74	0.80

Load type	: -
Load torque	: -
Load inertia (J=GD ² /4)	: -

	Drive end	Non drive end
Bearing type #1	6203-2RS	6202-2RS
Bearing type #2	-	-
Lubrication interval	-	-
Lubricant amount #1	-	-
Lubricant amount #2	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	: 137 N
Max. compression	: 219 N

Notes

See notes on page 2.

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 be changed after manufacturing process.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary		Rev.	Checked	Date
Performed by	farazq			1866990237	
Checked by	AUTOMATICO			Page	Rev.
Date	29/06/2026			1 / 2	0

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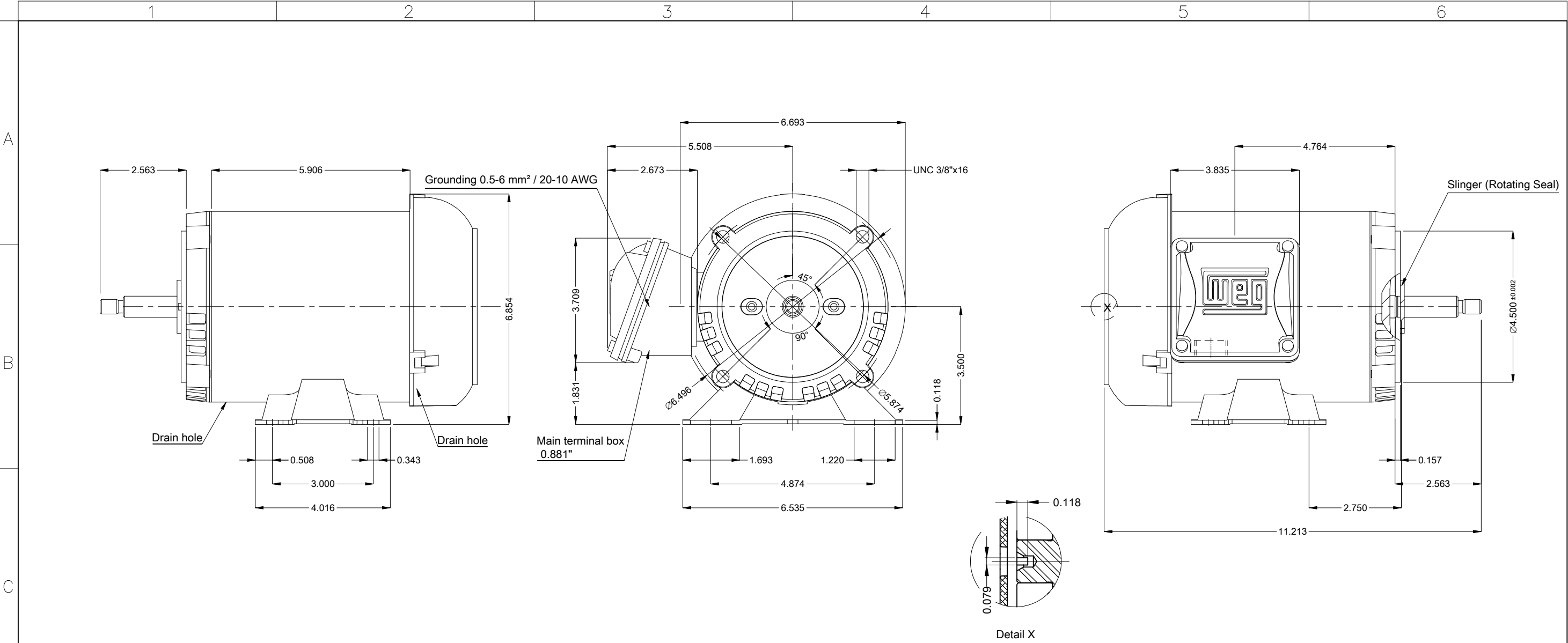
Thermal protection ID	Application	Type	Quantity	Sensing Temperature
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Notes

Standards	Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
	Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
	Noise	: MG1 - Part 9		

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D										
E	Reinforce the foot with 2 mig welding spots									
	Shaft material - stainless steel AISI 304									
	NDE sealing - V ring									
	Color Munsell N 1 matte black									
	Painting plan 207N									
	Mounting MARKET F-1/B34R(D)									
	Mounting B34D									
0.75 HP 02 Poles 60 Hz										
Scale 1 : 3										
HYBRISUSER										
ECM LOC SUMMARY OF MODIFICATIONS EXECUTED CHECKED RELEASED DATE VER										
EXECUTED HYBRISUSER THREE PH. MOTOR ROLLED STEEL JET PUMP THREADED PREN 5FF										
CHECKED FRAME W56J IP55 TEFC										
RELEASED WDD 00										
REL. DATE SHEET 1 / 1										