DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : W40 JM Pump NEMA Premium Efficiency Three-Phase

Product code : 16533220

Frame	: 324/6JM	Locked rotor time	: 27s (cold) 15s (hot)
Output	: 60 HP (45 kW)	Temperature rise	: 80 K
Poles	: 2	Duty cycle	: Cont.(S1)
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C
Rated voltage	: 575 V	Altitude	: 1000 m.a.s.l.
Rated current	: 56.8 A	Protection degree	: IP23
L. R. Amperes	: 358 A	Cooling method	: IC01 - ODP
LRC	: 6.3x(Code G)	Mounting	: F-1
No load current	: 20.0 A	Rotation[1]	: Both (CW and CCW)
Rated speed	: 3560 rpm	Noise level[2]	: 75.0 dB(A)
Slip	: 1.11 %	Starting method	: Direct On Line
Rated torque	: 12.2 kgfm	Approx. weight[3]	: 233 kg
Locked rotor torque	: 220 %		
Breakdown torque	: 229 %		
Insulation class	: F		
Service factor	: 1.25		
Moment of inertia (J)	: 0.1610 kgm²		
Design	: B		

Output	50%	75%	100%
Efficiency (%)	92.4	93.0	93.6
Power Factor	0.73	0.82	0.85

Foundation loads

Max. traction	: 0 kgf
Max. compression	: 0 kgf

		Drive end	Non drive end
Bearing type	:	6312 Z C3	6211 Z C3
Sealing	:	Without Bearing Seal	Without Bearing Seal
Lubrication interval	:	19658 h	20000 h
Lubricant amount	:	21 g	11 g
Lubricant type	:	Mobil Polyrex EM	

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	Date

Performed by				
Checked by			Page	Revision
Date	14/07/2026		1 / 2	

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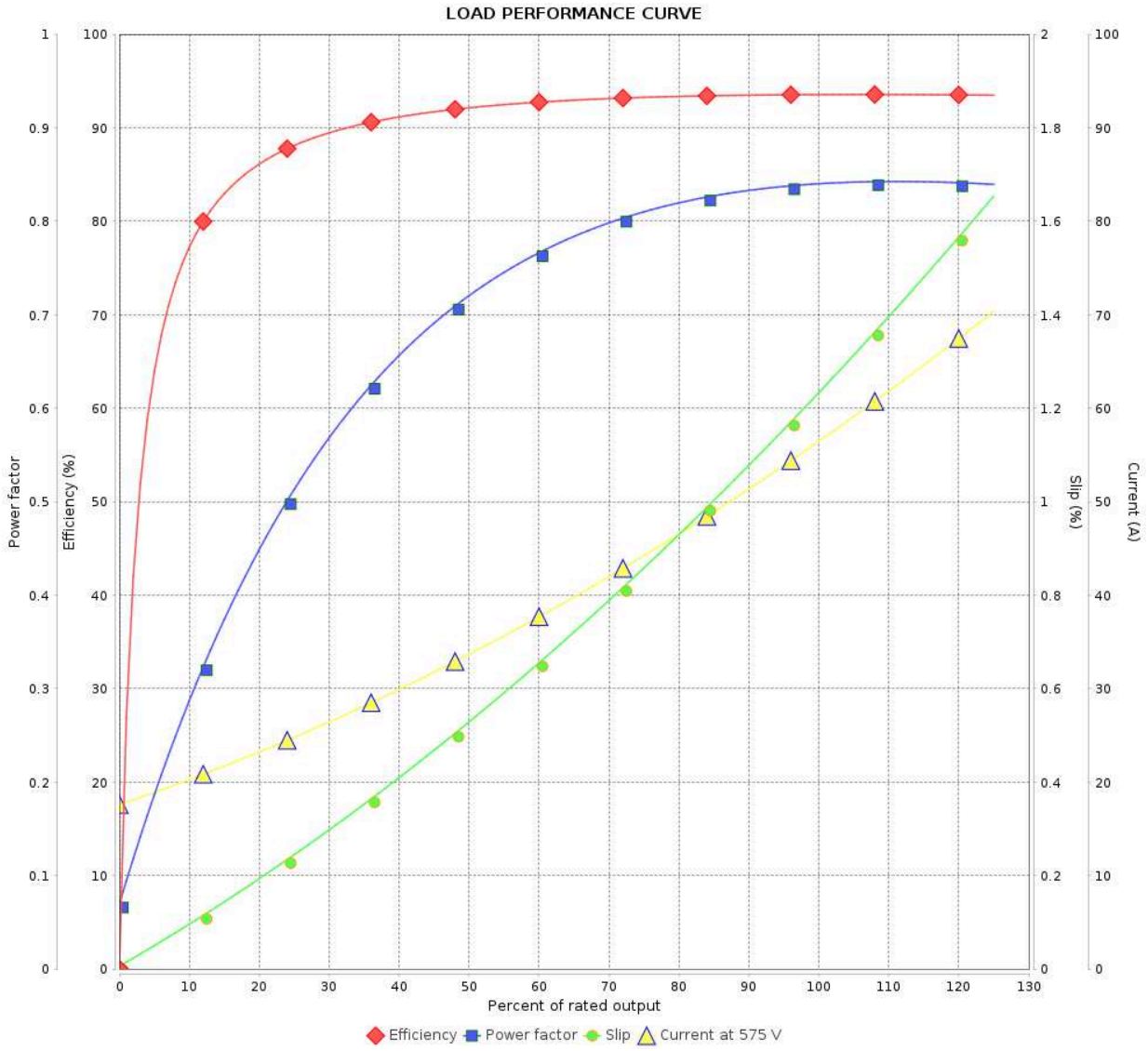
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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Product line : W40 JM Pump NEMA Premium Efficiency Three-Phase

Product code : 16533220

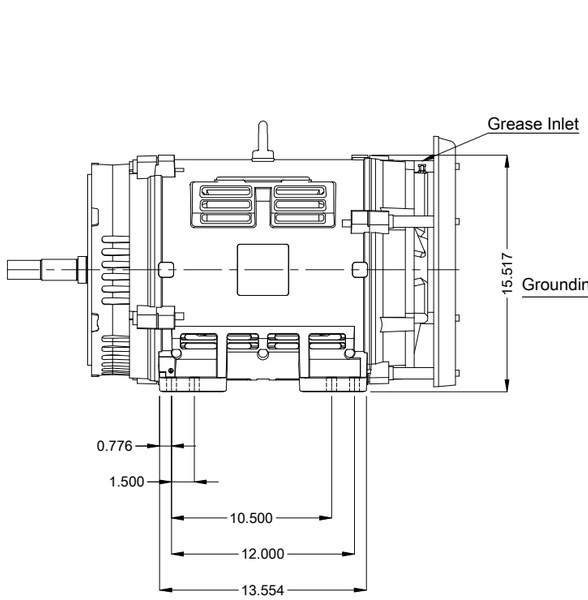


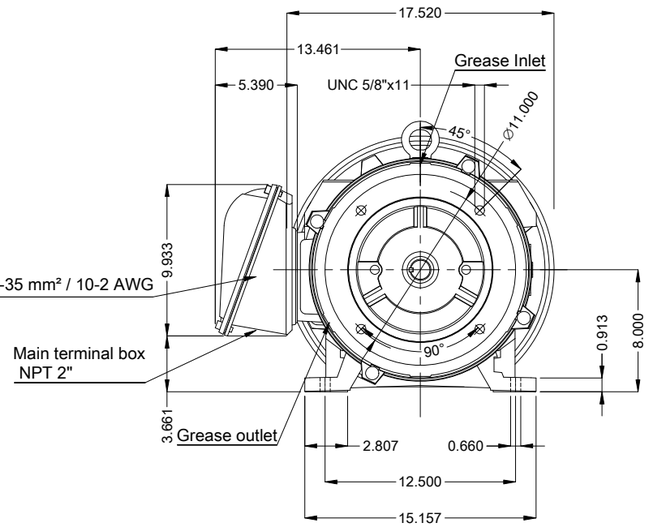
Performance	: 575 V 60 Hz 2P		
Rated current	: 56.8 A	Moment of inertia (J)	: 0.1610 kgm²
LRC	: 6.3	Duty cycle	: Cont.(S1)
Rated torque	: 12.2 kgfm	Insulation class	: F
Locked rotor torque	: 220 %	Service factor	: 1.25
Breakdown torque	: 229 %	Temperature rise	: 80 K
Rated speed	: 3560 rpm	Design	: B

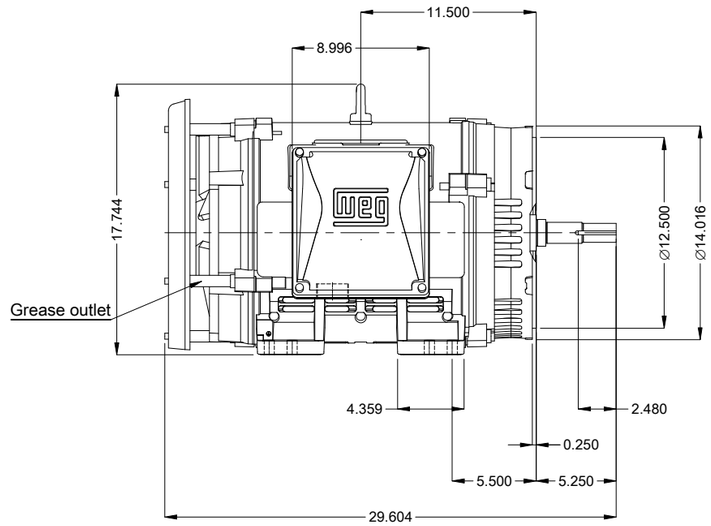
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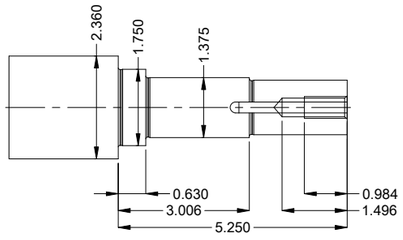
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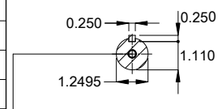






Internal AEGIS ground ring on the DE
With drip cover
Color RAL 5009
Painting plan 203A
Mounting NEMA F-1
Mounting B34D

DE Shaft End



EUNC 1/2"-13 WEG WPR-7309

60 HP 02 Poles 60 Hz | A

V.J. PAMENSKY CANADA INC.

Scale 1 : 10

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
			PIRWBUSER				00

EXECUTED	PIRWBUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR W40 PUMP JM NEMA PREM. EFF.
FRAME 324/6JM IP23 ODP

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

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