DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer	: V.J. PAMENSKY CANADA INC.
Product line	: W01 - ODP - Nema Premium Efficiency - Derating

Frame	: 143/5TC	Cooling method	: IC01 - ODP
Insulation class	: F	Mounting	: F-1/B34R(D)
Duty cycle	: S1	Rotation[1]	: Both
Ambient temperature	: -20 °C to +40 °C	Starting method	: Direct On Line
Altitude	: 3280 ft	Approx. weight[3]	: 39.7 lb
Protection degree	: IP21	Moment of inertia (J)	: 0.1281 sq.ft.lb
Design	: B		

Output		3 HP (2.2 kW)	3 HP (2.2 kW)	3 HP (2.2 kW)
Poles		2	2	2
Frequency		60 Hz	50 Hz	50 Hz
Rated voltage		230/460 V	190/380 V	220/415 V
Rated current		7.18/3.59 A	8.78/4.39 A	7.56/4.01 A
L. R. Amperes		57.4/28.7 A	53.6/26.8 A	56.0/29.7 A
LRC		8.0	6.1	7.4
No load current		2.60/1.30 A	2.60/1.30 A	2.91/1.54 A
Rated speed		3480 rpm	2825 rpm	2860 rpm
Slip		3.33 %	5.83 %	4.67 %
Rated torque		4.46 ft.lb	5.50 ft.lb	5.43 ft.lb
Locked rotor torque		230 %	190 %	240 %
Pull up torque		195 %	160 %	200 %
Breakdown torque		300 %	230 %	270 %
Service factor		1.15	1.00	1.00
Temperature rise		80 K	105 K	105 K
Noise level[2]		62.0 dB(A)	60.0 dB(A)	60.0 dB(A)
Locked rotor time (hot)		9 s	0 s	0 s
Locked rotor time (cold)		16 s	0 s	0 s
Efficiency (%)	50%	84.0	86.6	86.2
	75%	85.5	85.0	85.9
	100%	85.5	81.8	83.9
Power Factor	50%	0.76	0.83	0.76
	75%	0.86	0.90	0.86
	100%	0.90	0.93	0.91

	Drive end	Non drive end
Bearing type	6205-ZZ	6203-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	:
Max. compression	:
Load type	: -
Load torque	: -
Load inertia (J=GD²/4)	: -

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		1852915638	
Checked by	AUTOMATICO		Page	Rev.
Date	26/05/2026		1 / 2	0

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

DATA SHEET
Three Phase Induction Motor - Squirrel Cage

Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP - Nema Premium Efficiency - Derating

Thermal protection ID	Application	Type	Quantity	Sensing Temperature

Notes
USABLE @208V 7.94A SF 1.00 SFA 7.94A

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

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		1852915638	
Checked by	AUTOMATICO		Page	Rev.
Date	26/05/2026		2 / 2	0

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.