DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line	: W22 NEMA Premium Efficiency Three-Phase	Product code :	17759260

Frame	: 586/7TZ	Locked rotor time	: 39s (cold) 22s (hot)
Output	: 350 HP (260 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 575 V	Ambient temperature	: -20°C to +40°C
Poles	: 8	Altitude	: 1000 m.a.s.l.
Rated current	: 359 A	Protection degree	: IP55
	: 7.9x(Code K)	Cooling method	: IC411 - TEFC
Rated speed	: 895 rpm	Mounting	: F-1
Rated torque	: 284 kgfm	Rotation[1]	: Both (CW and CCW)
Insulation class	: F	Noise level[2]	: 75.0 dB(A)
Service factor	: 1.00	Starting method	: Direct On Line
Moment of inertia (J)	: 20.4 kgm²	Approx. weight[3]	: 2127 kg

Output	25%	50%	75%	100%
Efficiency (%)	0.000	94.5	95.8	95.8
Power Factor	0.00	0.58	0.69	0.76

Foundation loads

Max. traction	: 4960 kgf
Max. compression	: 7087 kgf

		Drive end	Non drive end
Bearing type	:	NU-324 C3	6319 C3
Sealing	:	Taconite Labyrinth	Taconite Labyrinth
Lubrication interval	:	12000 h	17000 h
Lubricant amount	:	72 g	45 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

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DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Space heater information

Voltage: 200 - 240 V

Rev.	Changes Summary	Performed	Checked	Date

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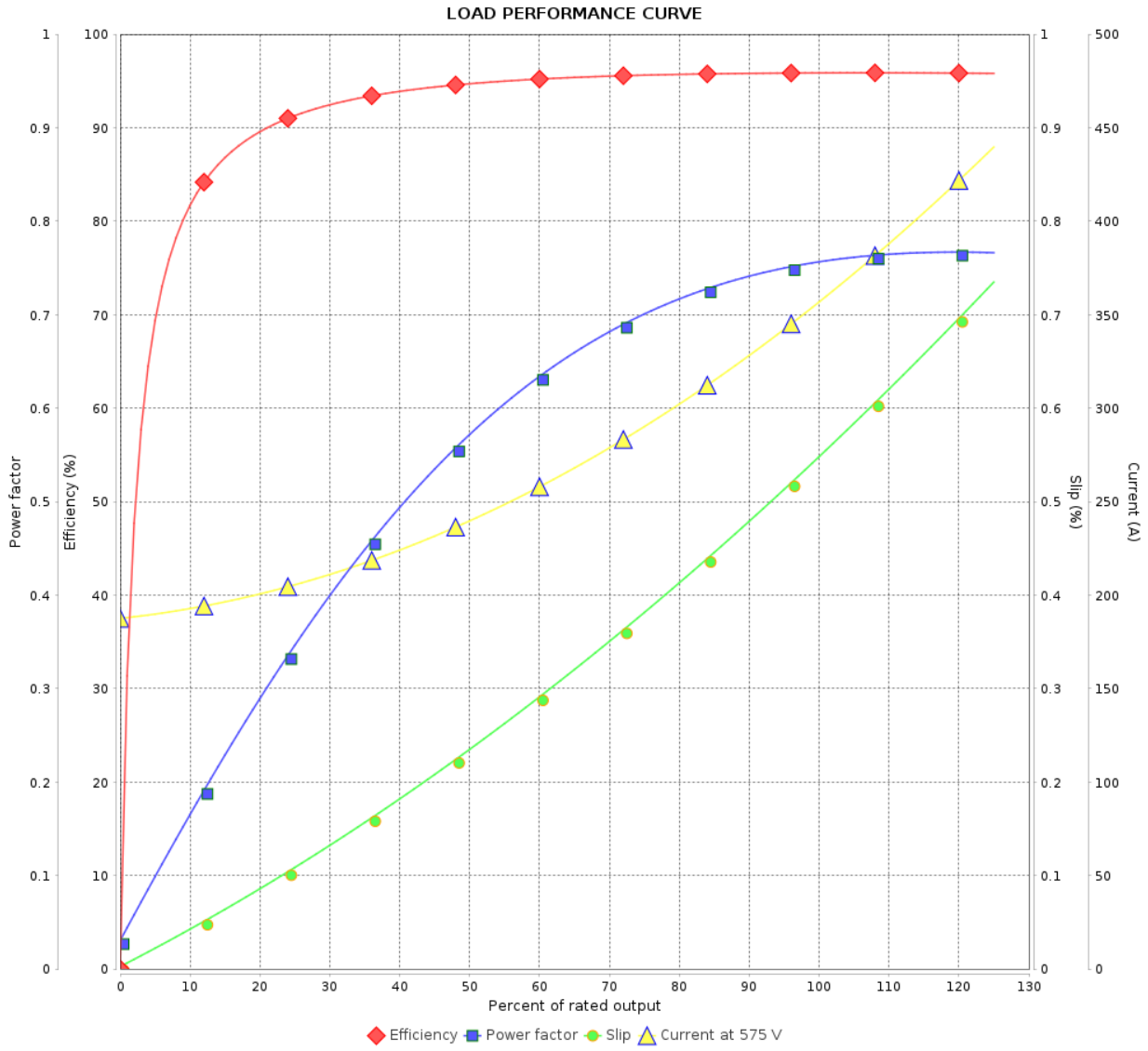
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 17759260



Rev.	Changes Summary	Performed	Checked	Date

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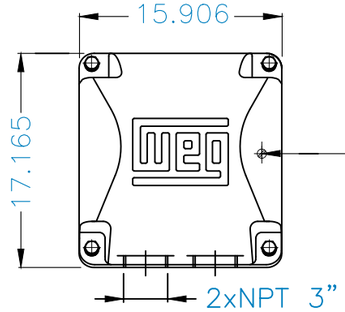
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EIXO/SHAFT	
PADRÃO/STANDARD	
OPCIONAL/OPTIONAL	
ESPECIAL/SPECIAL	X

Dimensões em polegada
Dimensions in inches

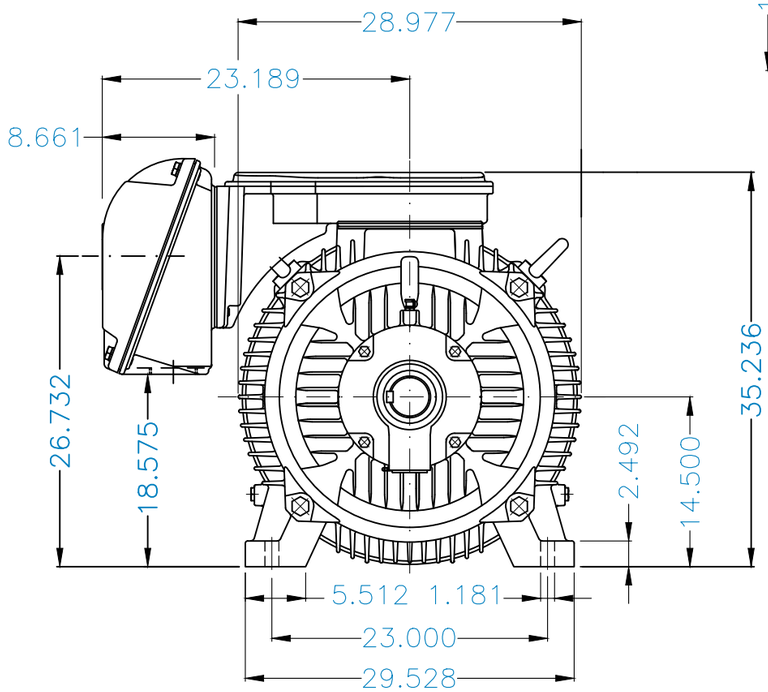
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Certified document.
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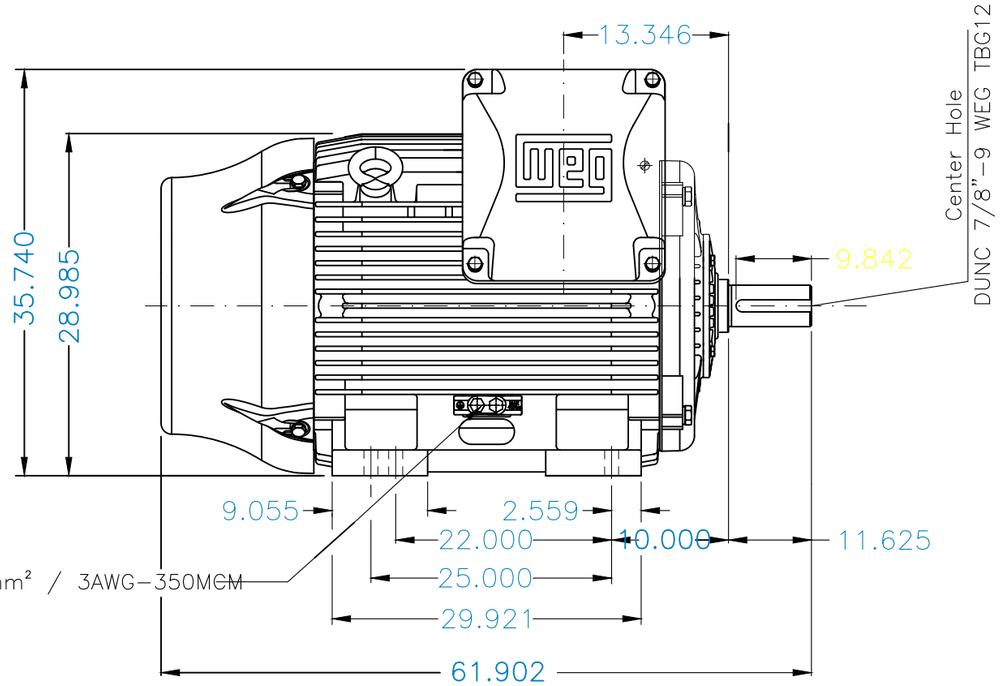
THIS IS AN UPDATED REVISION, THE PREVIOUS ONE MUST BE DISREGARDED.



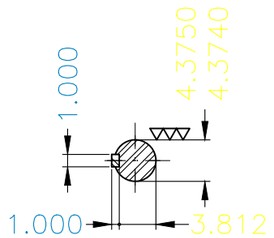
Grounding for leads 35–120 mm² / 1–4/0 AWG

Main terminal box



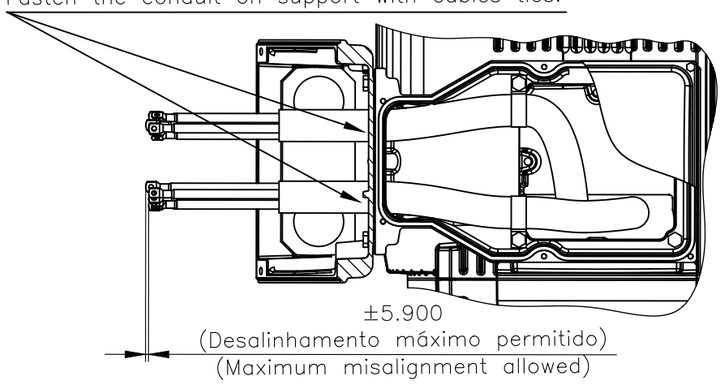


Grounding for leads 25–185 mm² / 3AWG–350MCM



DE Shaft End

Fixar o conduíte no suporte com abraçadeiras.
Fasten the conduit on support with cables ties.



±5.900
(Desalinhamento máximo permitido)
(Maximum misalignment allowed)

Linha do motor: Crusher Duty Motor purpose: Crusher Duty
Conduite para cabos no interior do suporte da caixa de ligação Cables conduit inside terminal box support
Rolamento dianteiro de rolos NU–324 / NU–324 DE roller bearing
Tampa dianteira especial / Special DE endshield
Categoria A / Design A
Rolamento dianteiro de rolos / DE roller bearing
Dispositivo de travamento de eixo / Shaft locking device
Tampa traseira com mancal eletricamente isolado / NDE endshield with electrically insulated
Cor RAL 5009 / Color RAL 5009
Plano de pintura 203A / Painting plan 203A
Forma construtiva NEMA F–1 / Mounting NEMA F–1
Forma construtiva B3D / Mounting B3R(D)
VJ PAMENSKY CANADA INC

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
500002620216		ALT CONF CLAIM 422229394	CLAUDEMIRR	SCATOLIN	SCATOLIN	24.04.2024	02
500001245282		ALT. CONF. CLAIM 414481094	DVEGINI	NSCHMIDT	NSCHMIDT	23.11.2016	01

EXECUTED	DVEGINI	THREE PHASE W22 MOTOR - NEMA PREMIUM EFF	10004622356		
CHECKED	NSCHMIDT	FRAME 586/7TZ IP55 TEFC	000	02	
RELEASED	NSCHMIDT				
REL DT	23.11.2016	WMO Jaragua do Sul Product Engineering	SHEET	1 / 1	

350 HP 60Hz 414481094/0 ELET/MEC

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