DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 11165765

Frame	: 586/7T	Locked rotor time	: 52s (cold) 29s (hot)
Output	: 350 HP (260 kW)	Temperature rise	: 80 K
Poles	: 6	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	: 337 A	Protection degree	: IP55
L. R. Amperes	: 2021 A	Cooling method	: IC411 - TEFC
LRC	: 6.0x(Code G)	Mounting	: F-1
No load current	: 136 A	Rotation[1]	: Both (CW and CCW)
Rated speed	: 1192 rpm	Noise level[2]	: 77.0 dB(A)
Slip	: 0.67 %	Starting method	: Direct On Line
Rated torque	: 213 kgfm	Approx. weight[3]	: 1835 kg
Locked rotor torque	: 190 %		
Breakdown torque	: 210 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 13.8 kgm²		
Design	: B		

Output	50%	75%	100%
Efficiency (%)	95.4	95.8	95.8
Power Factor	0.67	0.77	0.81

Foundation loads

Max. traction : 2146 kgf

Max. compression : 3981 kgf

Losses at normative operating points (speed;torque), in percentage of rated output power

P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	P4 (0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
5.0	3.7	3.0	3.0	2.0	1.6	0.9

		Drive end	Non drive end
Bearing type	:	NU-322 C3	6319 C3
Sealing	:	Taconite Labyrinth	Taconite Labyrinth
Lubrication interval	:	7000 h	13000 h
Lubricant amount	:	60 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

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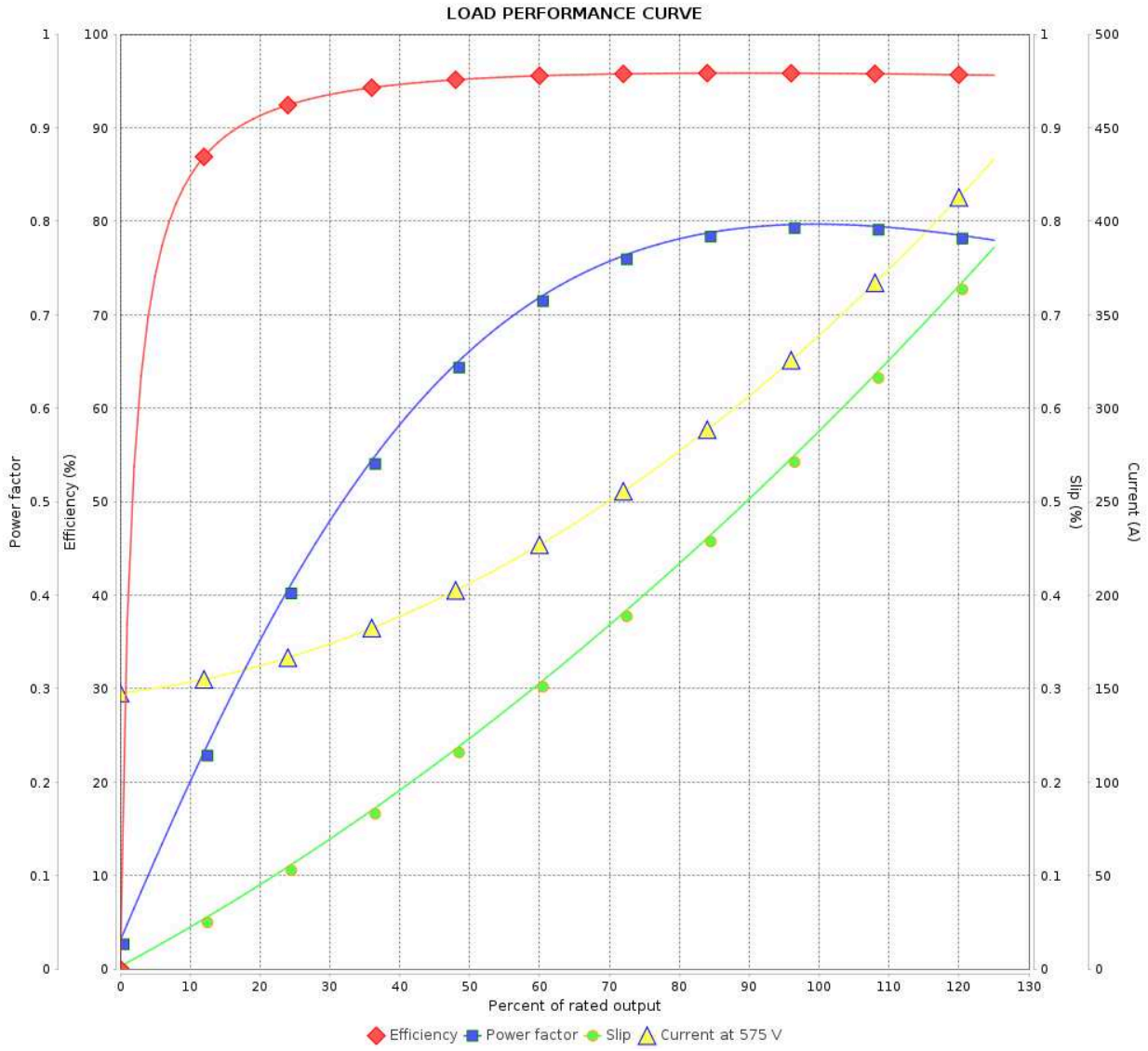
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 11165765



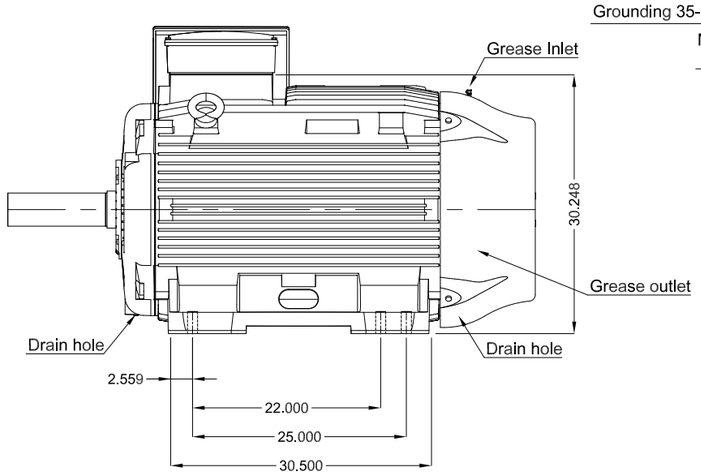
Performance	: 575 V 60 Hz 6P

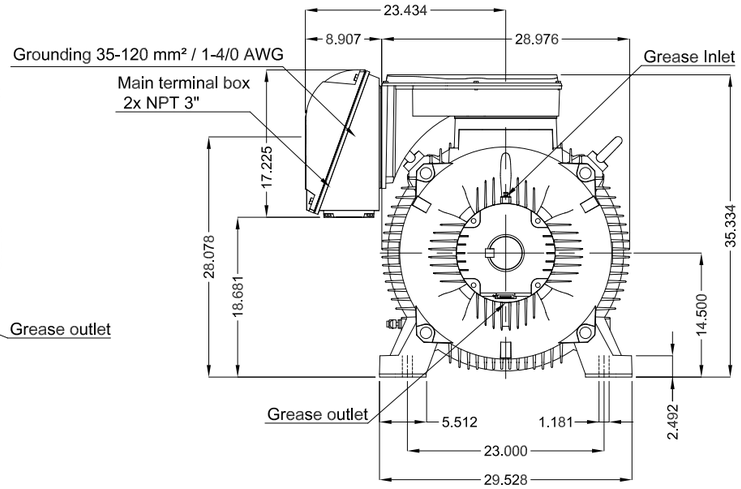
Rated current	: 337 A	Moment of inertia (J)	: 13.8 kgm²
LRC	: 6.0	Duty cycle	: Cont.(S1)
Rated torque	: 213 kgfm	Insulation class	: F
Locked rotor torque	: 190 %	Service factor	: 1.15
Breakdown torque	: 210 %	Temperature rise	: 80 K
Rated speed	: 1192 rpm	Design	: B

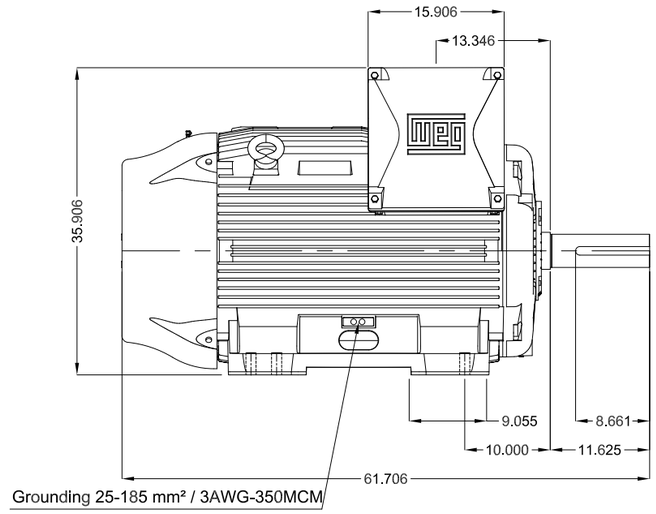
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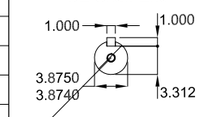






Without vertical jackscrews
DE roller bearing
Shaft locking device
NDE endshield with electrically insulated bearing hub
Color RAL 5009
Painting plan 203A
Mounting B3R(D)

DE Shaft End



DUNC 7/8"-9 WEG WPR-7339

350 HP 06 Poles 60 Hz | A

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

EXECUTED	HYBRISUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR W22 NEMA PREM. EFF.
FRAME 586/7T IP55 TEFC

PREVIEW
WDD 00
SHEET /

Dimensions in inches

A3

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