

# 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 <sup>1</sup>	:	Both (CW and CCW)
Rated speed	:	1192 rpm		Noise level <sup>2</sup>	:	77.0 dB(A)
Slip	:	0.67 %		Starting method	:	Direct On Line
Rated torque	:	213 kgfm		Approx. weight <sup>3</sup>	:	1835 kg
Locked rotor torque	:	190 %				
Breakdown torque	:	210 %				
Insulation class	:	F				
Service factor	:	1.15				
Moment of inertia (J)	:	13.8 kgm <sup>2</sup>				
Design	:	B				
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	95.4	95.8	95.8	Max. traction : 2146 kgf		
Power Factor	0.67	0.77	0.81	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
Bearing type		: <u>Drive end</u> NU-322 C3		: <u>Non drive end</u> 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.		
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Customer : \_\_\_\_\_

### Space heater information

Voltage: 200 - 240 V

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# LOAD PERFORMANCE CURVE

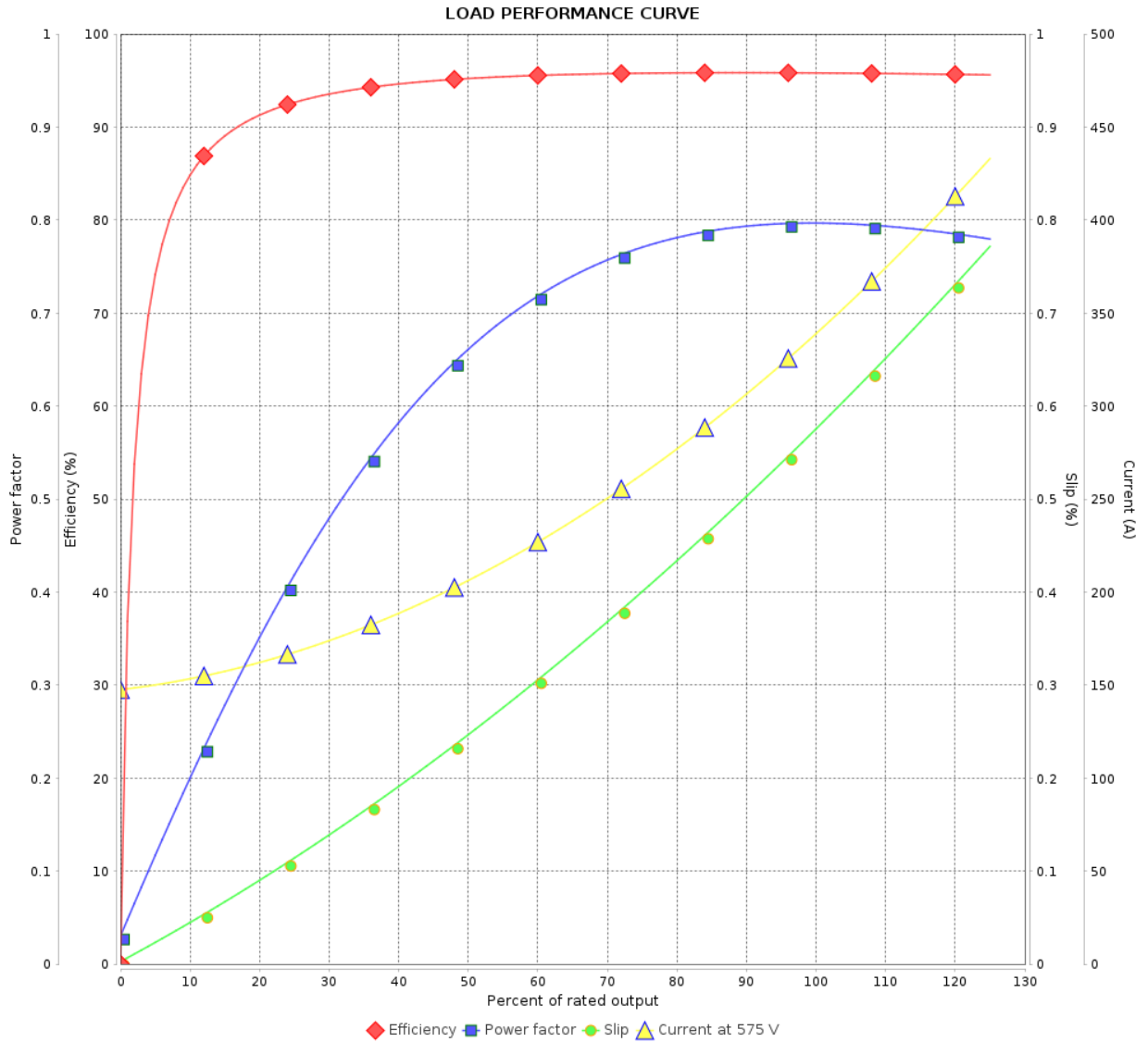
## Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 11165765

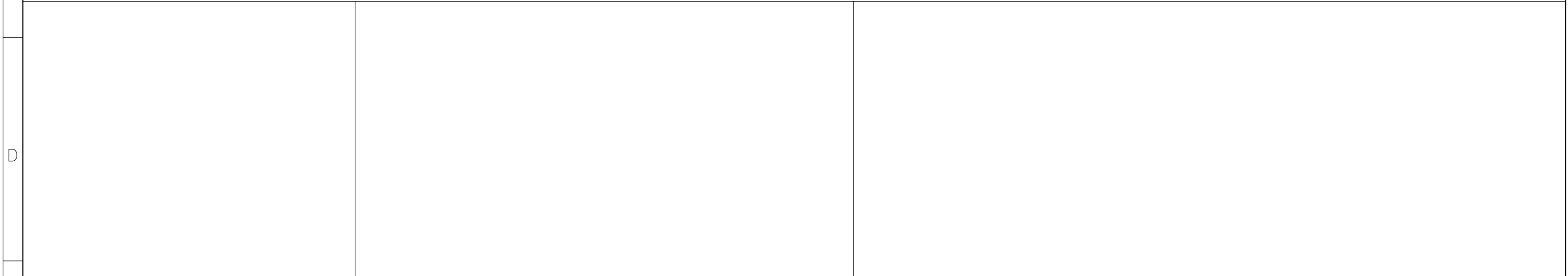
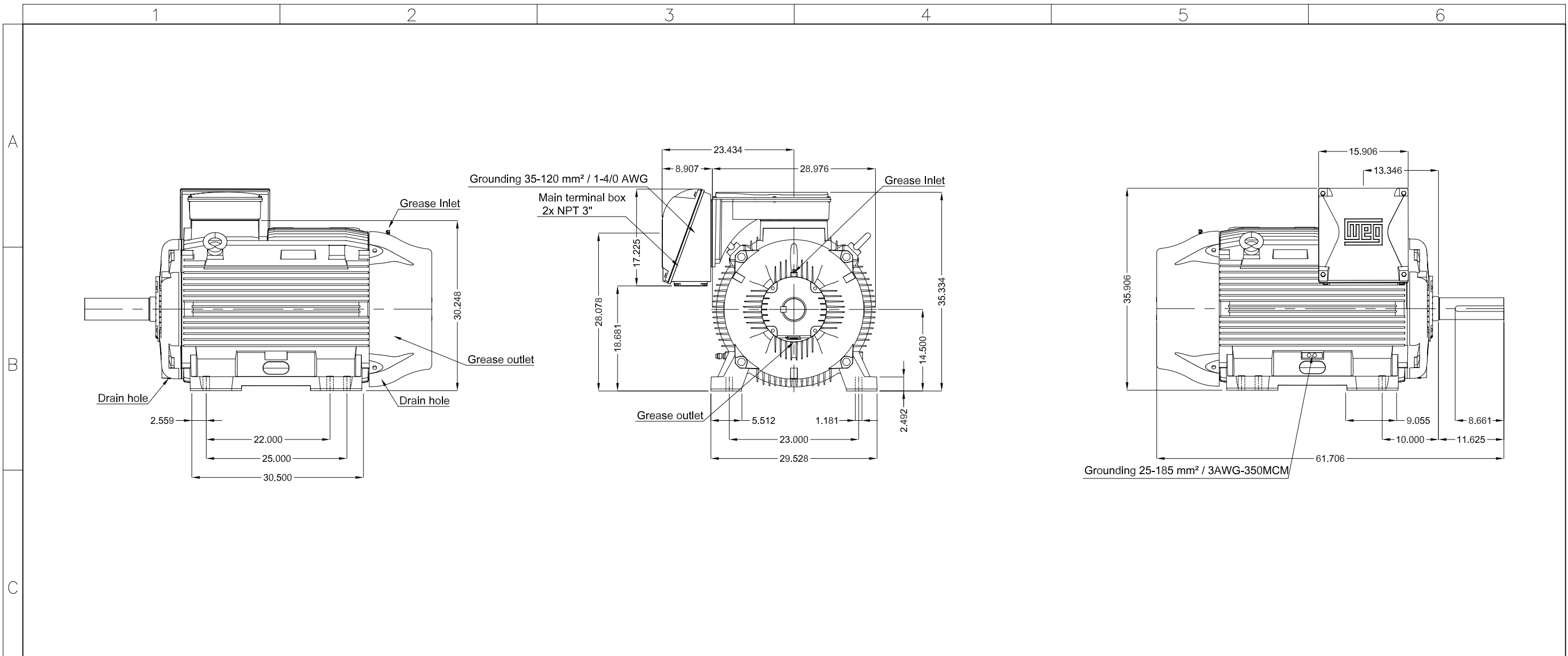


Performance : 575 V 60 Hz 6P

Rated current : 337 A  
 LRC : 6.0  
 Rated torque : 213 kgfm  
 Locked rotor torque : 190 %  
 Breakdown torque : 210 %  
 Rated speed : 1192 rpm

Moment of inertia (J) : 13.8 kgm<sup>2</sup>  
 Duty cycle : Cont.(S1)  
 Insulation class : F  
 Service factor : 1.15  
 Temperature rise : 80 K  
 Design : B

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Without vertical jackscrews										350 HP 06 Poles 60 Hz										A					
DE roller bearing																									
Shaft locking device																									
NDE endshield with electrically insulated bearing hub																									
Color RAL 5009																									
Painting plan 203A																									
Mounting B3R(D)																									
<p>DE Shaft End DUNC 7/8"-9 WEG WPR-7339</p>																									
										HYBRISUSER										00					
ECM										LOC										SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
EXECUTED										HYBRISUSER										THREE PH. MOTOR W22 NEMA PREM. EFF.	WDD	00	/		
CHECKED																				FRAME 586/7T IP55 TEFC	SHEET				
RELEASED																									
REL. DATE																									

