

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 kgm ²				
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.		
Rev.	Changes Summary			Performed	Checked	Date
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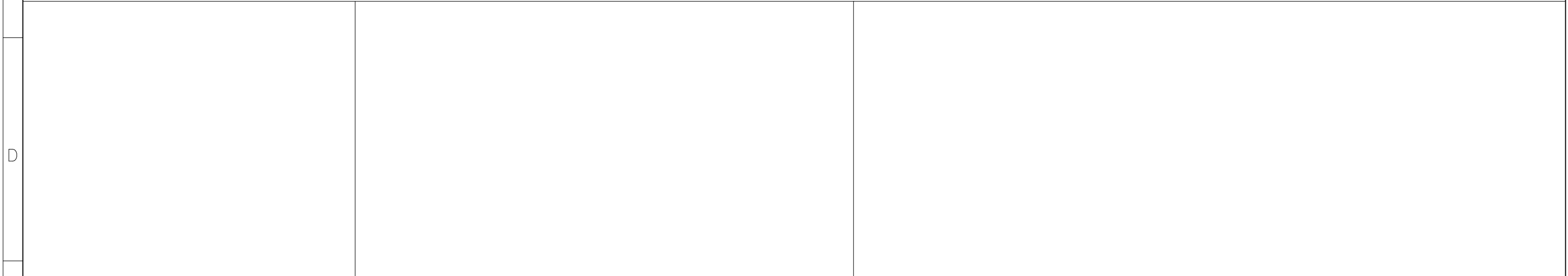
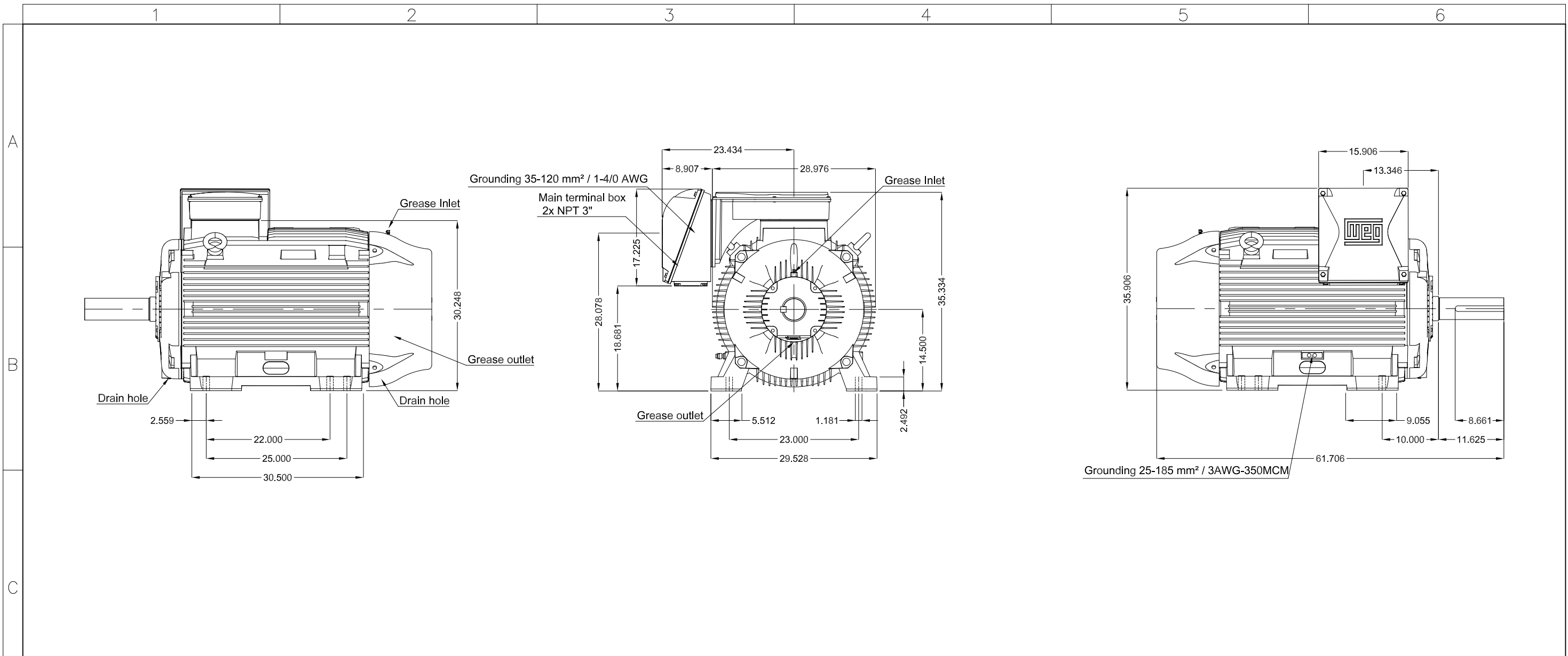


Customer : _____

Space heater information

Voltage: 200 - 240 V

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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)																			
				HYBRISUSER						00									
ECM		LOC		SUMMARY OF MODIFICATIONS				EXECUTED		CHECKED		RELEASED		DATE		VER			
EXECUTED		HYBRISUSER		THREE PH. MOTOR W22 NEMA PREM. EFF.															
CHECKED				FRAME 586/7T IP55 TEFC															
RELEASED																			
REL. DATE																			
										PREVIEW		WDD		00		SHEET /			