

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: Multimounting IE3 Three-Phase			Product code : 13749670	
Frame	: 63	Locked rotor time	: 54s (cold) 30s (hot)			
Output	: 0.12 kW (0.16 HP)	Temperature rise	: 80 K			
Frequency	: 50 Hz	Duty cycle	: S1			
Rated voltage	: 230/400 V	Ambient temperature	: -20°C to +40°C			
Poles	: 6	Altitude	: 1000 m.a.s.l.			
Rated current	:	Protection degree	: IP55			
	YDESCRICAO_CORRENTE	Cooling method	: IC411 - TEFC			
LRC	: 3.1	Mounting	: B5T			
Rated speed	: 925 rpm	Rotation ¹	: Both (CW and CCW)			
Rated torque	: 1.24 Nm	Noise level ²	: 43.0 dB(A)			
Insulation class	: F	Starting method	: Direct On Line			
Service factor	: 1.00	Approx. weight ³	: 6.8 kg			
Moment of inertia (J)	: 0.0007 kgm ²					
Design	: N					
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	50.0	55.0	57.7	Max. traction : 79 N		
Power Factor	0.40	0.50	0.59	Max. compression : 146 N		
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)
72.0	67.5	66.1	52.2	41.6	39.1	27.0
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type	:	6201 ZZ		6201 ZZ		
Sealing	:	Oil Seal		Oil Seal		
Lubrication interval	:	-		-		
Lubricant amount	:	-		-		
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 IEC 60034-1.		
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
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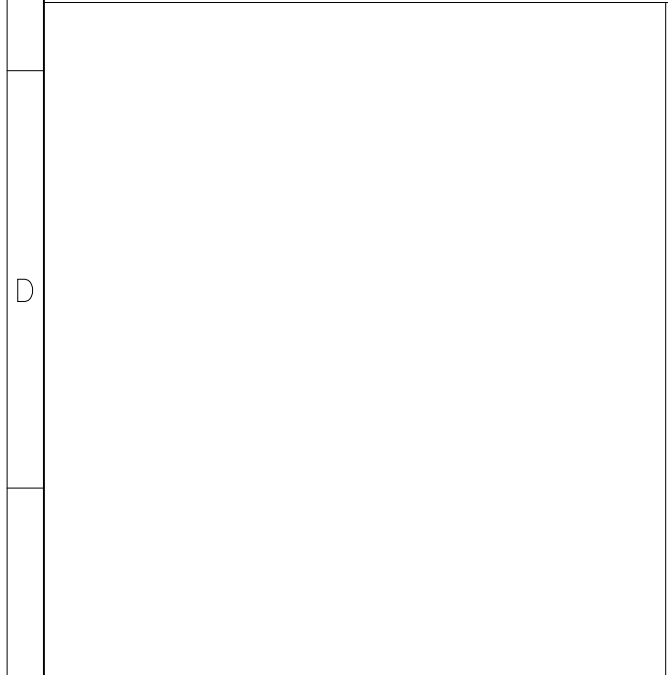
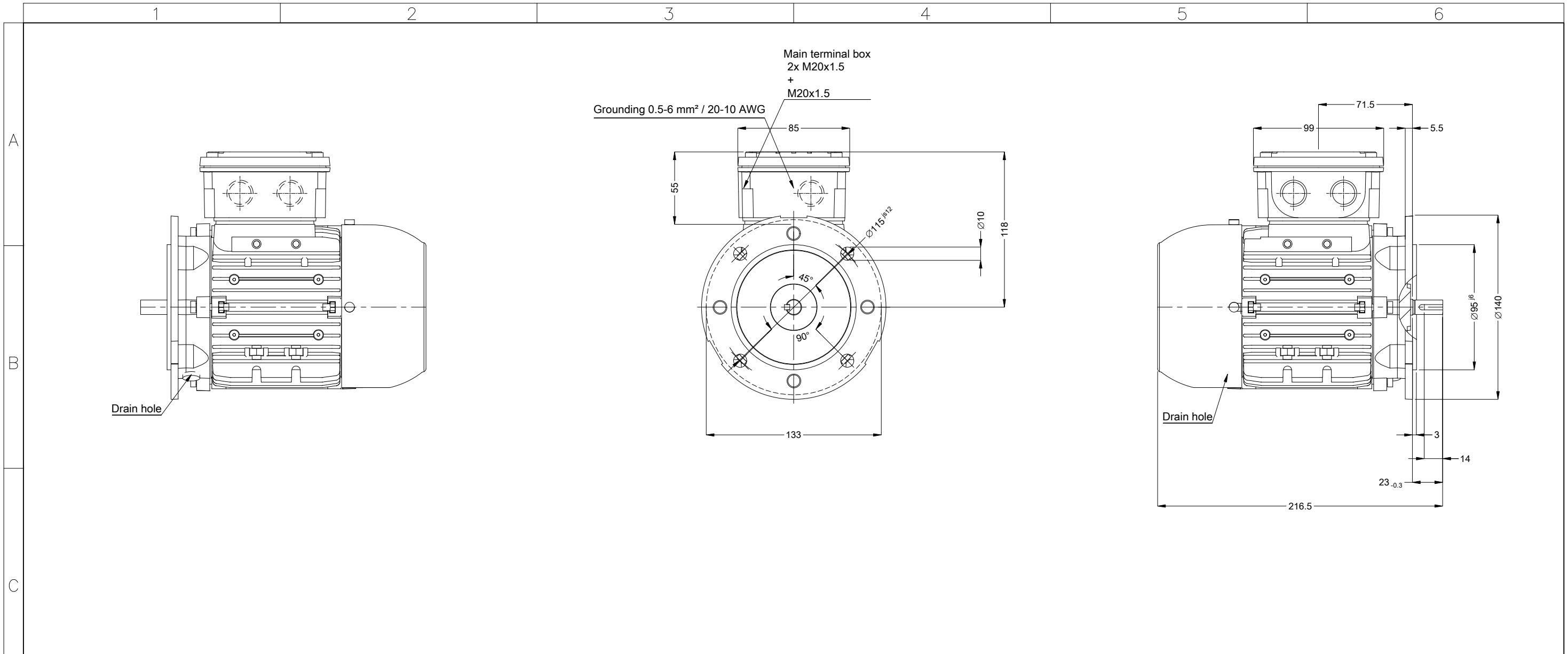


Customer : _____

Thermal protection

ID	Application	Type	Quantity	Sensing Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	155 °C

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0.12 kW		06 Poles		50 Hz		A	
Scale 1 : 3							
				HYBRISUSER		00	
ECM	LOC	SUMMARY OF MODIFICATIONS		EXECUTED	CHECKED	RELEASED	DATE
EXECUTED	HYBRISUSER	THREE PH. MOTOR MULTIMOUNTIN TOP PREM. EFF.					
CHECKED		FRAME 63 IP55 TEFC					
RELEASED							
REL. DATE							

- Sealing - oil seal ring
- Thermal protection to switch off - thermistors 155°C
- Color RAL 5009
- Painting plan 207A
- Mounting B5T

DE Shaft End

EM4 WEG WPR-7309

(DS DIN332)

PREVIEW

WDD 00

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