

Three Phase Induction Motor - Squirrel Cage

[illegible]

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : _____

Thermal protection

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

Rev.	Changes Summary		Performed	Checked	Date
Performed by				Page	Revision
Checked by				2 / 4	
Date	21/11/2018				

TORQUE AND CURRENT VS SPEED CURVE

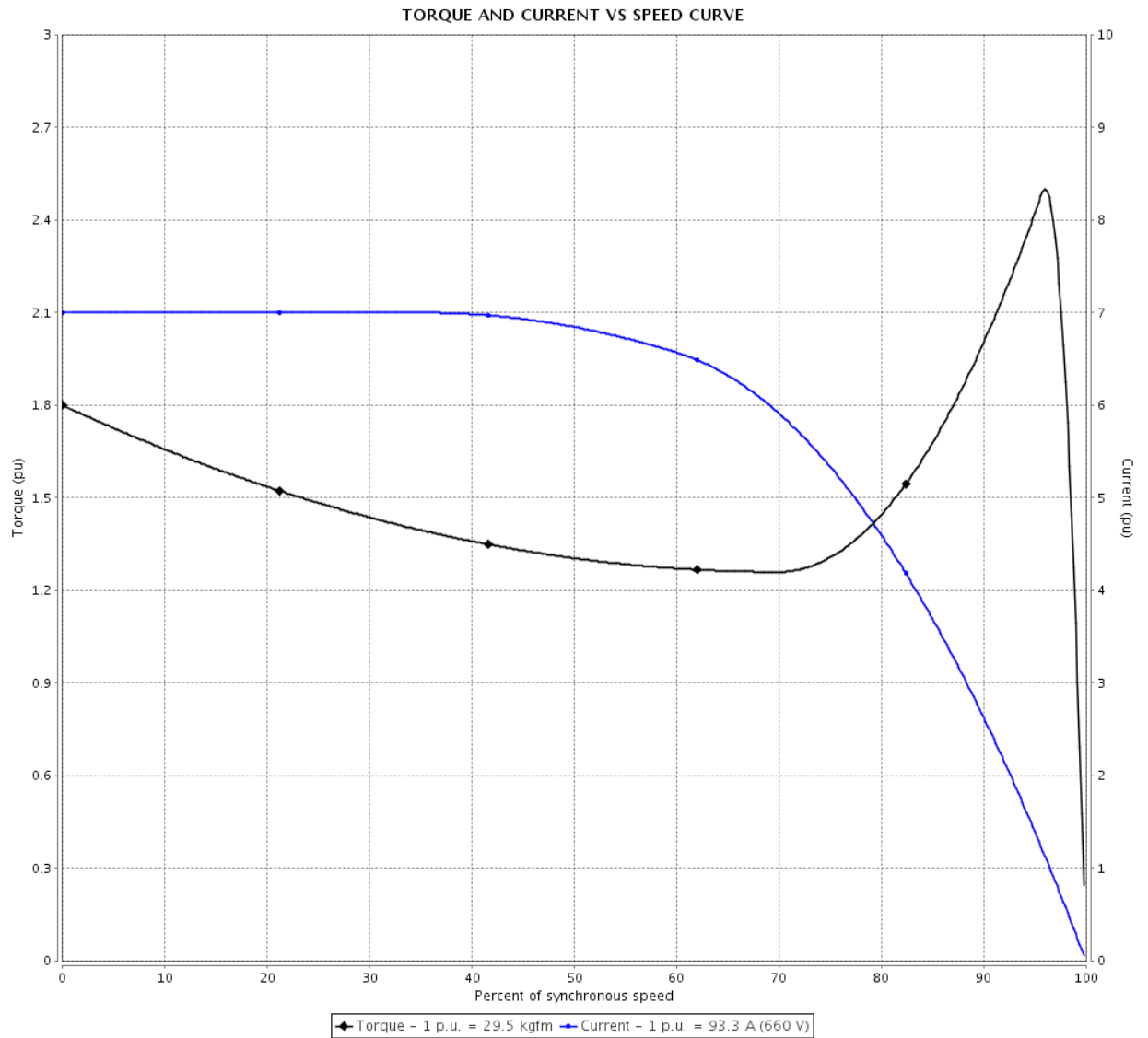
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 IE1 Three-Phase

Product code : 11518343



Performance : 380/660 V 50 Hz 2P

Rated current : 162/93.3 A
LRC : 7.0
Rated torque : 29.5 kgfm
Locked rotor torque : 180 %
Breakdown torque : 250 %
Rated speed : 2970 rpm

Moment of inertia (J) : 0.9804 kgm²
Duty cycle : S1
Insulation class : F
Service factor : 1.00
Temperature rise : 80 K
Design : N

Locked rotor time : 36s (cold) 20s (hot)

Rev.	Changes Summary	Performed	Checked	Date
Performed by		Page 3 / 4Revision		
Checked by				
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LOAD PERFORMANCE CURVE

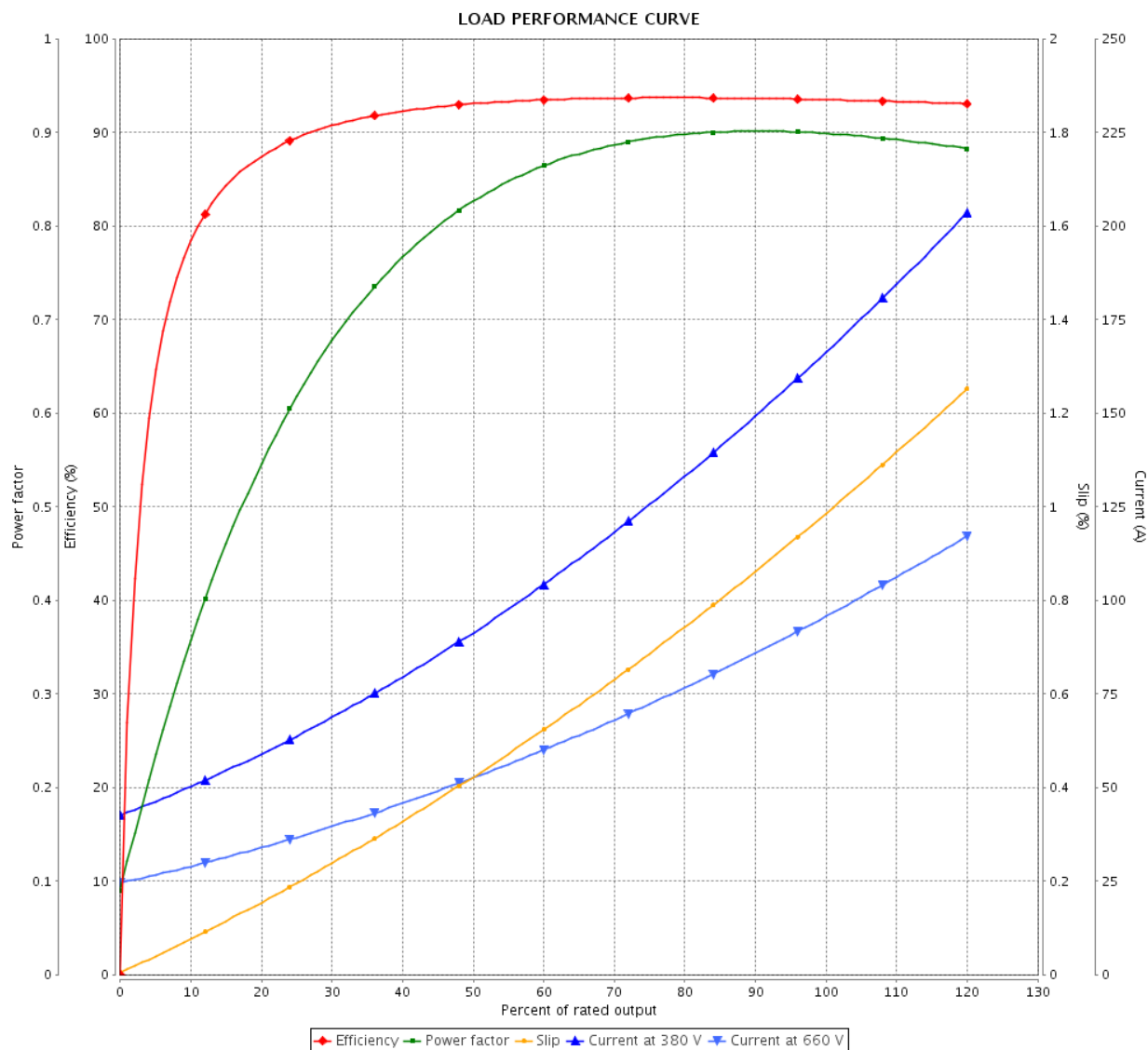
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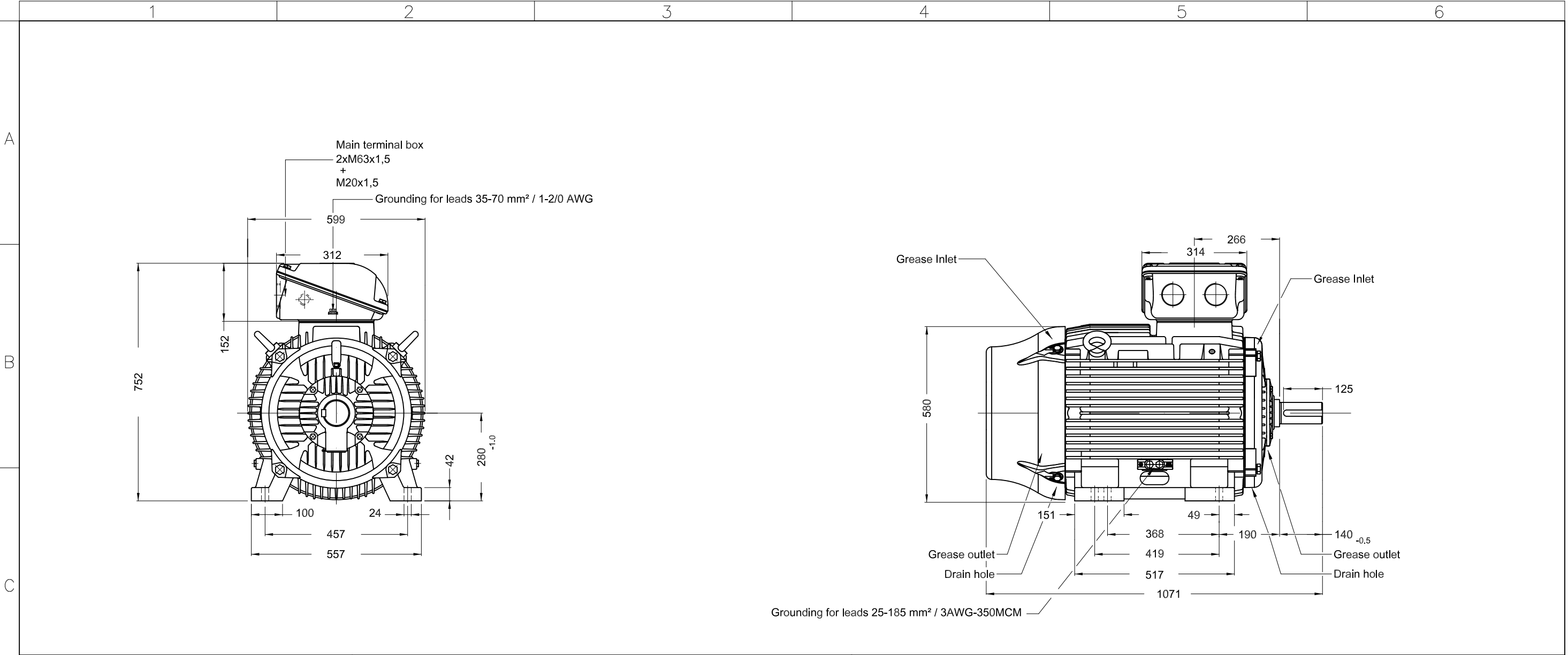


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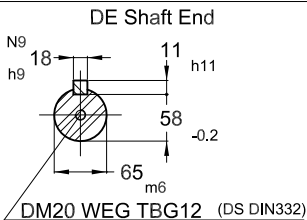
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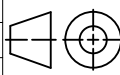
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Without vertical jackscrews
Color RAL 5009
Painting plan 203A
Mounting B3T



90 kW 02 Poles 50 Hz											A			
ECM		LOC	SUMMARY OF MODIFICATIONS					EXECUTED	CHECKED	RELEASED	DATE	VER		
EXECUTED		USERADMIN		THREE PHASE W22 MOTOR FRAME 280S/M IP55 TEFC					PREVIEW WDD					
CHECKED														
RELEASED														
REL DT			WMO	Jaragua do Sul			Product Engineering		SHEET	1 / 1				