DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Product line	: W20 Thr	ee-Phase			Product code :	15991581	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inert Design	: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	L160L 11 kW (15 HP) 4 50 Hz 400/690 V 21.5/12.4 A 161/93.3 A 7.5 11.1/6.44 A 1470 rpm 2.00 % 71.5 Nm 270 % 300 % F 1.00 0.1360 kgm ² N		Tempe Duty c Ambie Altitud Protec Coolin Mount Rotatio Noise Startin	nt temperature e tion degree g method ing on ¹	: 16s (cold) : 80 K : S1 : -20°C to - : 1000 m.a : IP55 : IC411 - TI : B3T : Both (CW : 62.0 dB(A : Direct On : 125 kg	+40°C .s.l. EFC and CCW)
Output	50%	75% 100%	/ 0	Foundation loads			
Efficiency (%)		89.8 91.4		Max. tra		: 2766 N	
Power Factor	0.61	0.74 0.81		Max. coi	npression	: 3989 N	
		ints (speed;torque)	1				
P1 (0,9;1,0) 9.2	P2 (0,5;1,0) 8.1	P3 (0,25;1,0) 7.7		,9;0,5) 5.0	P5 (0,5;0,5) 3.7	P6 (0,5;0,25) 2.8	P7 (0,25;0,25 2.1
Lubrication inter Lubricant amou Lubricant type lotes		-	Mo	bil Polyre	- - (EM		
	laces and cancel	the previous one, v	which	Those a		based on tests w	
nust be eliminat (1) Looking the n (2) Measured at (3) Approximate nanufacturing pi	ed. notor from the sh 1m and with toler weight subject to rocess.	aft end. rance of +3dB(A).			upply, subject to th		
nust be eliminat 1) Looking the r 2) Measured at 3) Approximate nanufacturing pi 4) At 100% of fu Rev. Performed by	ed. notor from the sh 1m and with toler weight subject to rocess.	aft end. rance of +3dB(A). changes after		power s	upply, subject to th	e tolerances stipu Checked	ulated in IEC
nust be eliminat (1) Looking the n (2) Measured at (3) Approximate manufacturing pu (4) At 100% of fu	ed. notor from the sh 1m and with toler weight subject to rocess.	aft end. rance of +3dB(A). changes after		power s	upply, subject to th	e tolerances stipu	lated in IEC

 Date
 29/09/2023
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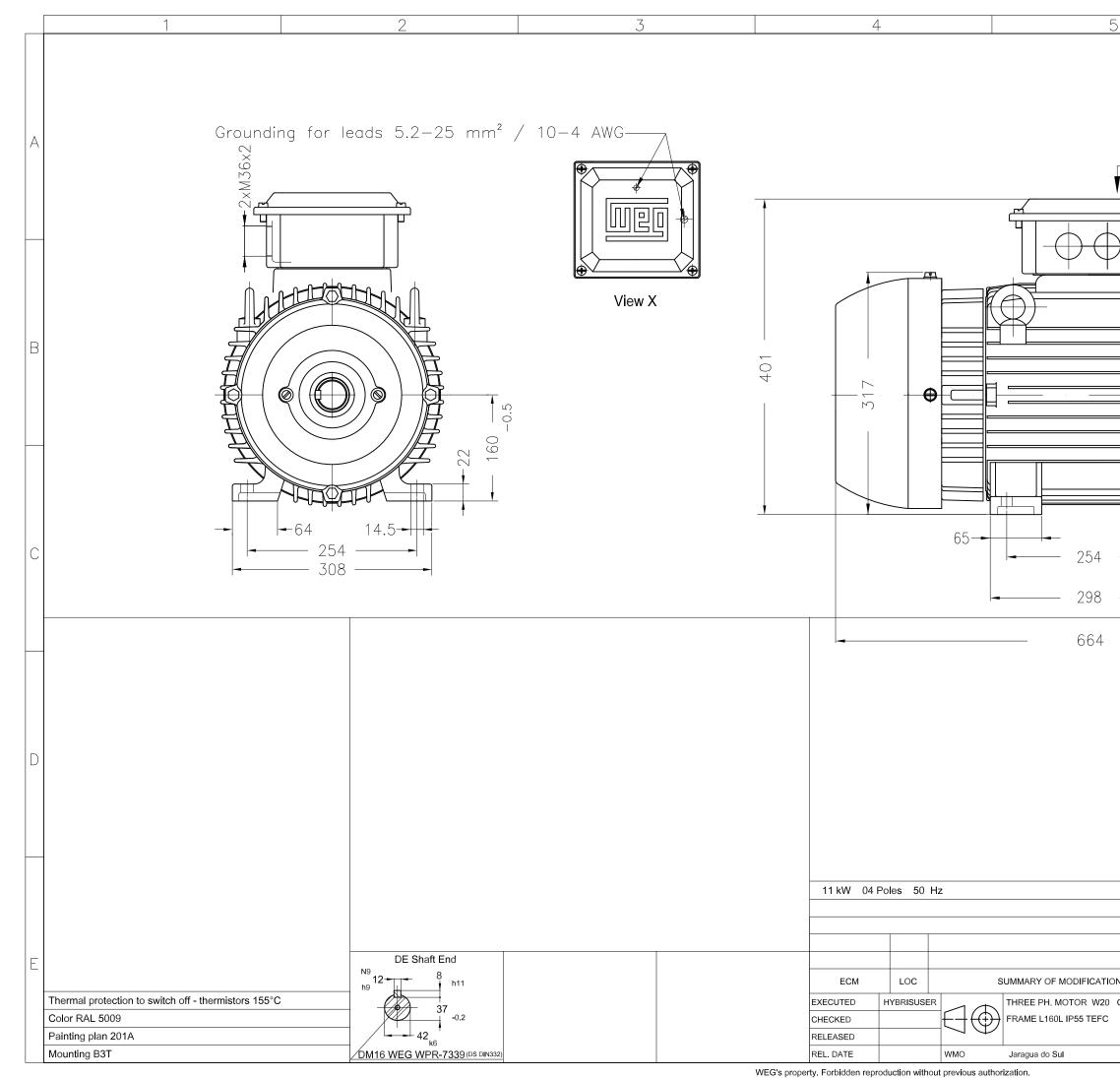
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Шед

: MGE : MGE Customer Customer reference

		Thermal protection	1		
D	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C
Rev.	Chan	ges Summary	Performed	Checked	Date
		-			
erformed b					
Checked by Date				Page	Revision
Data	29/09/2023			2/2	1



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