DATA SHEET

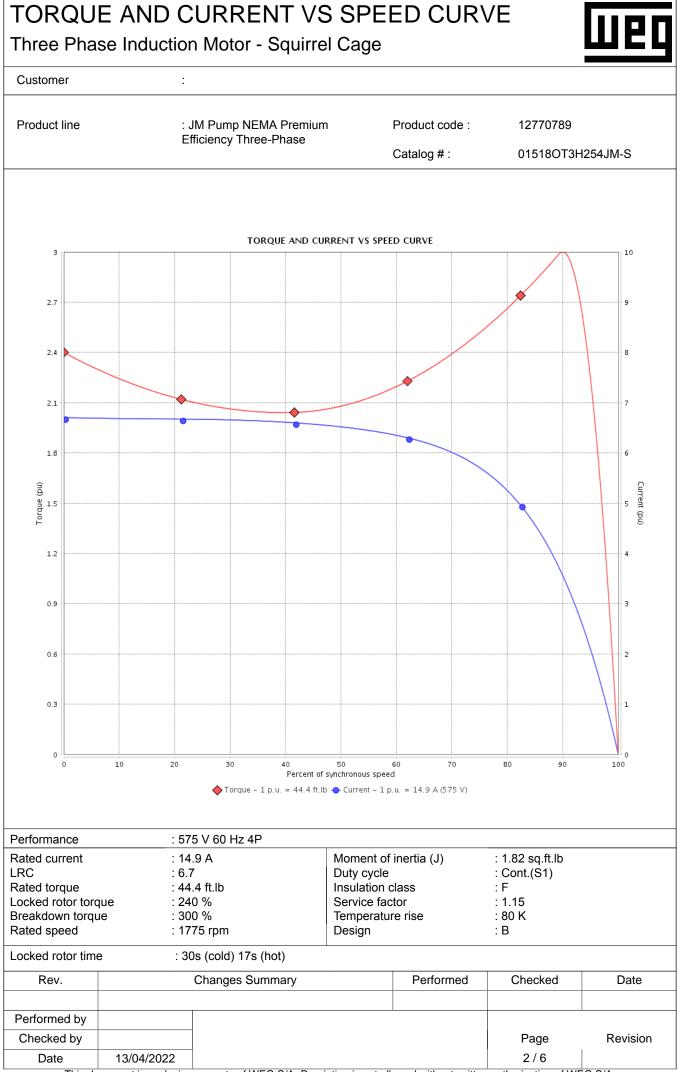
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: JM Pump NEMA Premium Efficiency Three-Phase			Product code :		12770789	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 254/6JM : 15 HP (11 kW) : 4 : 60 Hz : 575 V : 14.9 A : 100 A : 6.7x(Code H) : 7.60 A : 1775 rpm : 1.39 % : 44.4 ft.lb : 240 % : 300 % : F : 1.15 : 1.82 sq.ft.lb : B			Catalog # : Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³		01518OT3H254JM-S : 30s (cold) 17s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 64.0 dB(A) : Direct On Line : 203 lb	
Output	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	91.0 0.36	91.7 0.62	92.4 0.73	93.0 0.80	Max. tract Max. com		: 537 lb : 740 lb	
				earing Seal		Without Bearing	ocai	
Sealing Lubrication interv Lubricant amoun Lubricant type Notes		:	200	000 h 3 g	bil Polyrex B	20000 h 8 g EM		
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and o ed. lotor from lm and wit veight sub pocess.	the shaft e h toleranc	200 1 previous or end. e of +3dB(A	000 h 3 g Mol	These are	8 g EM	based on tests wir e tolerances stipu	
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and o ed. lotor from lm and wit veight sub pocess.	the shaft e h toleranc ject to cha	200 1 previous or end. e of +3dB(A	200 h 3 g Mol	These are power su	8 g EM		
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and o ed. lotor from lm and wit veight sub pocess.	the shaft e h toleranc ject to cha	200 1 previous or end. e of +3dB(A anges after	200 h 3 g Mol	These are power su	8 g EM	e tolerances stipu	lated in NEMA
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and o ed. lotor from lm and wit veight sub pocess.	the shaft e h toleranc ject to cha	200 1 previous or end. e of +3dB(A anges after	200 h 3 g Mol	These are power su	8 g EM	e tolerances stipu	lated in NEMA

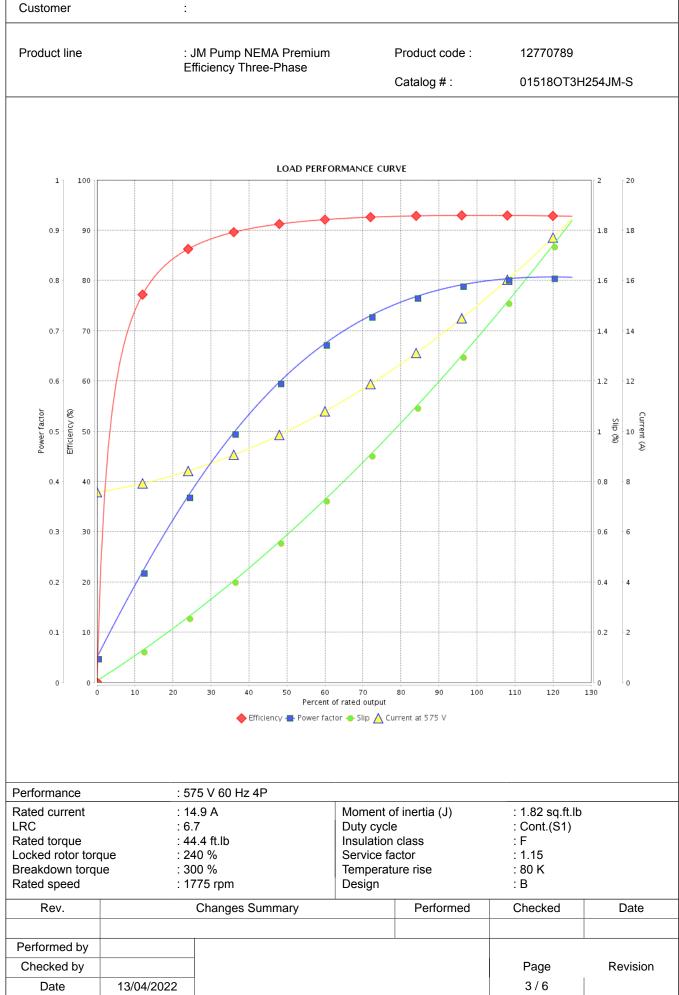


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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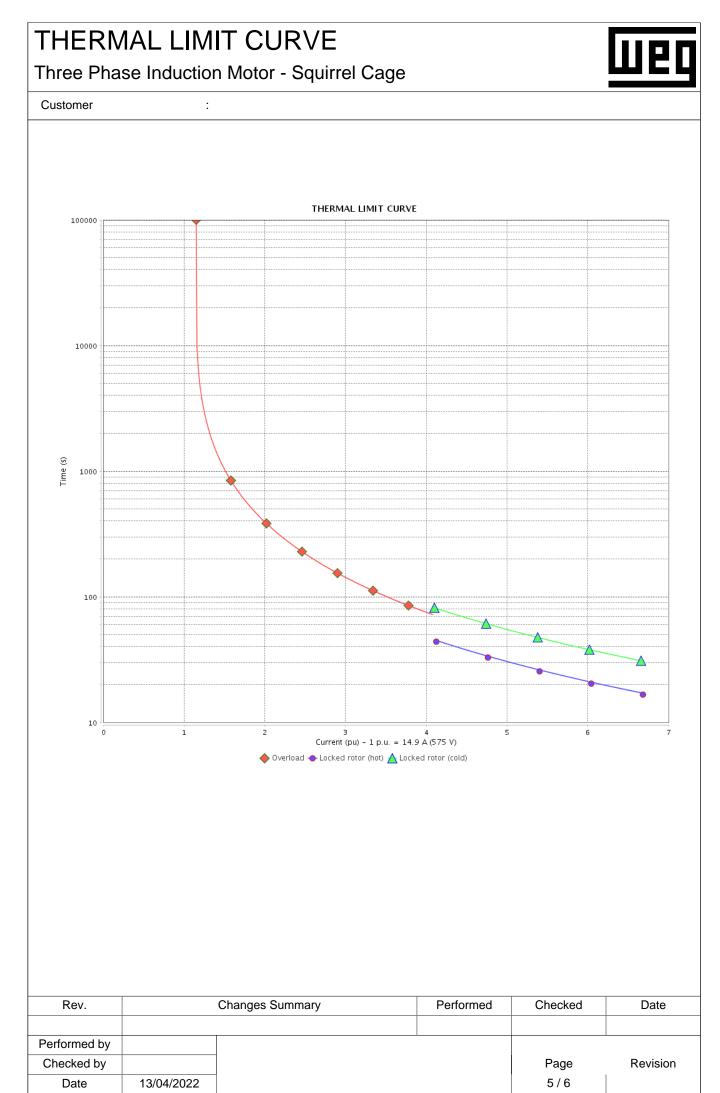
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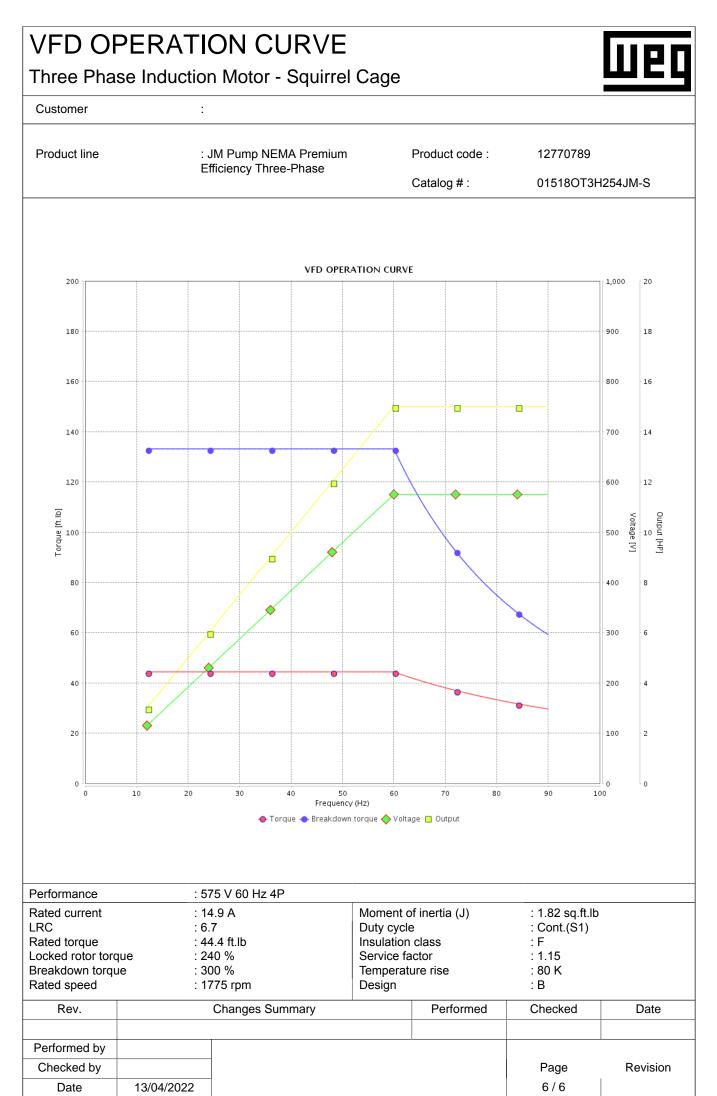
Customer

Product line	: JM Pump NEMA Premium			Product code :	12770789		
	E	Efficiency Three-Phase		Catalog # :	01518OT3H2	01518OT3H254JM-S	
Performance	: 5	75 V 60 Hz 4P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque		1		f inertia (J)	: 1.82 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K		
		.7 4.4 ft.lb	Duty cycle Insulation class Service factor Temperature rise				
		40 %					
		00 %					
Rated speed		775 rpm	Design		: B		
Heating constant							
Cooling constant Rev.		Changes Summary		Performed	Checked	Date	
						24.0	
Performed by				I			
Checked by					Page	Revision	
Date	13/04/2022	1			4/6		

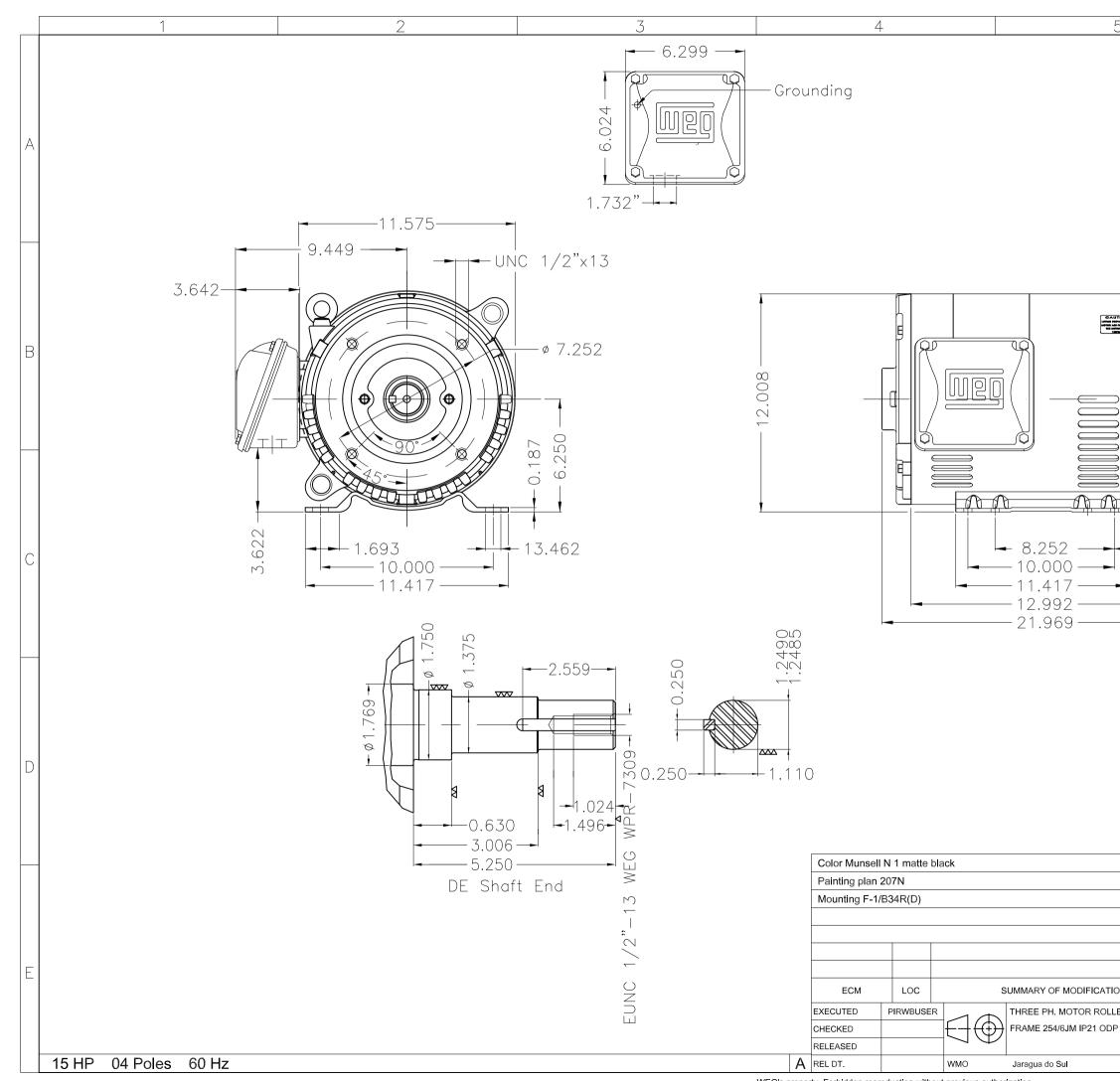
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5			6		
	0.25				Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL CLOSE ()P	COUPLED PUM	° "∲REVI wdd	ΈŴ	ШВ	A3
Produc	t Engineering	SHEET	1 / 1		XME

