DATA SHEET

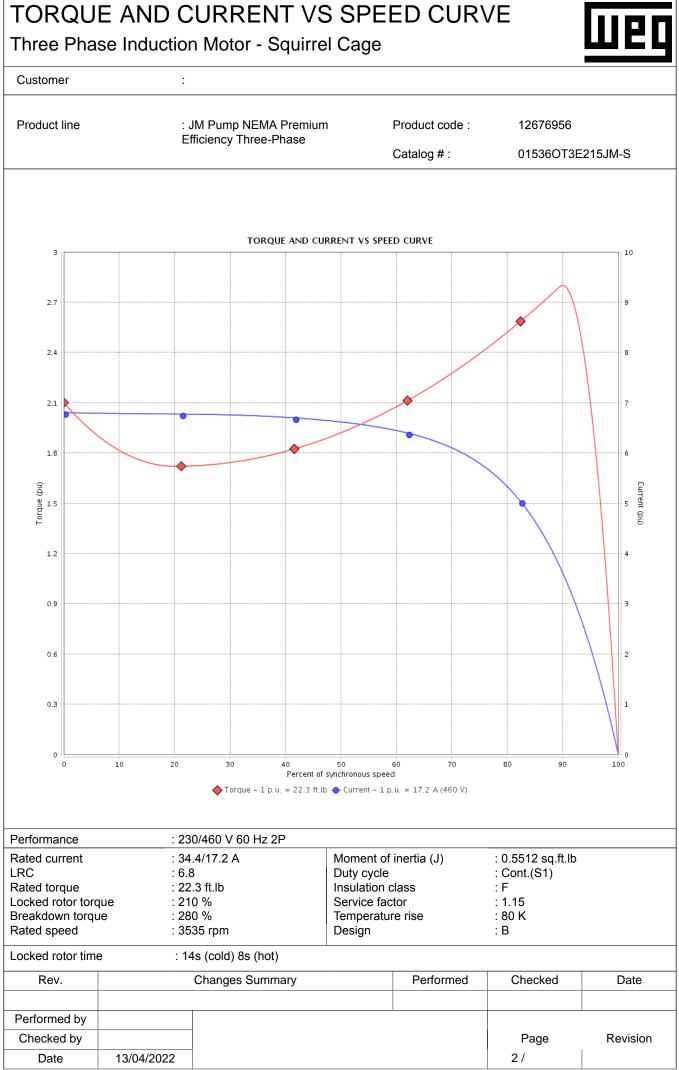
Three Phase Induction Motor - Squirrel Cage

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Customer

Catalog # : 01536073E215JMLs Frame :: 213/5JM Cooling method :: COI + ODP Duty cycle :: Cont (S1) Rotation' :: Both (CW and CCW) Ambient temperature :: 20°C to + 40°C Starting method :: Direct On Line Attrude :: 000 m.a.s.l. Approx. weight* :: 1411b Dutgot[HP] 15 15 15 Paise 2 2 2 Fragmeny [H2] 60 50 50 Rated current [A] 234/17 2227/166/113 19.5 Rated current [A] 234/17 2227/166/113 19.5 Rated current [A] 12.36/17 12.10.46.04 7.51 Rated speed [RMM] 3335 2906 2920 Service factor 1.16 1.00 1.00 Earled speed [RMM] 3335 2906 2920 Service factor 1.15 1.00 1.00 Temperature rise 8.0 K 105 K 8.0 K Dotske torbor tororue [%] 280 200	Product line		: JM Pump NEMA Premiun Efficiency Three-Phase	ı	Product code :	12676956	
Insulation class : F Mounting : F-1 Duty cycle : Cont (S1) Relation' : Both (CW and CCW) Ambient temperature : 20°C to 440°C Approx. weight : 141 lb Image: Cont (S1) Design : B Moment of inertia (J) : 0.5512 sq.ft.lb Image: Cont (S1) Dutput (HP) : G 0 50 50 50 Starting method : S0 (Code G) : S0 (Code G) : S0 (Code G) : S0 (Code G) Atted voltage [V] : 230/460 190-220/380 : 415 : S0 (Code G) R Amperes [A] : 234/417 : 22.71 (Al (Al 6.04) : S0 (Code G) : S0 (Code G) RC [A] : 68.8(Code G) : 5.4x(Code E) : 6.50x(Code G) : 2.67 Starled torque [fhb] : 2.13 : 27.1 : 27.0 : 2.67 Starled torque [fbb] : 2.13 : 27.1 : 27.0 : 2.67 Starled torque [fbb] : 2.13 : 27.1 : 27.0 : 2.67 Starled torque [fbb] : 2.16 : 0.61 : 1.60 : 1.60<					Catalog # :	01536OT3E	215JM-S
Altitude : 1000 m.a.s.l. Approx.weight ^a : 141 b Moment of inertia (J) : 0.5512 sq.th.b Dutput [HP] 15 15 15 15 15 Preguency [Hz] 60 50 50 50 Rated outling [V] 230/460 190-220/380 415 50 Read outling [V] 230/460 190-220/380 415 50 Read outling [V] 12.3/6.17 12.1-10.4/6.04 7.51 50 Read outling [V] 1.81 3.17 2.67 31 317 2.67 Rated outling [V] 100 100 100 100 100 100 Service factor 1.15 1.00 100 100 100 100 Service factor 1.15 10.0 100 <	Insulation class Duty cycle	ature	: F : Cont.(S1)	Mountir Rotatio	ng n¹	: F-1 : Both (CW	and CCW)
Poles 2 2 2 2 Frequency [Hz] 60 50 50 Rated current [A] 34.4/17.2 42.0-36.3/21.0 19.5 L.R. Amperes [A] 234/117 227-186/113 127 L.R. Amperes [A] 234/117 227-186/113 127 L.R. Amperes [A] 234/117 227-186/113 6.5x(Code E) State dorque [RPM] 3535 2905 2920 Sip [%] 1.13.4 3.17 2.67 Rated speed [RPM] 3535 2905 2920 Locked rotor torque [%] 22.80 2000 2260 Service factor 1.15 1.00 100 100 Ender otor time 145 (cold) 8 (hot) 05 (cold) 0 (hot) 05 (cold) 0 (hot) 05 (cold) 0 (hot) Noise level? 66.0 4B(A) 64.0 4B(A) 64.0 dB(A) 64.0 dB(A) 64.0 dB(A) Fiftiency (%) 25% 0.85 0.85 0.85 0.85 100% 0.92 87.6 88.9 0.85 <t< td=""><td>Altitude</td><td></td><td></td><td>Approx</td><td>. weight³</td><td></td><td>.ft.lb</td></t<>	Altitude			Approx	. weight ³		.ft.lb
Poles 2 2 2 2 Frequency [Hz] 60 50 50 Rated current [A] 34.4/17.2 42.0-36.3/21.0 19.5 LR Amperes [A] 234/117 227-186/113 6.5x(Code E) LR C [A] 6.6x(Code G) 5.4x(Code E) 6.5x(Code C) No load current [A] 12.3/6.17 12.1-10.4/6.04 7.51 Rated speed [RPM] 3535 2905 2920 Sip [%] 1.81 3.17 2.67 Rated torque [%] 2.80 2000 2.50 Service factor 1.15 1.00 100 Temperature rise 8.0 K 105 K 8.0 K Locked rotor time 143 (cold) 8 (hot) 0.6 (cold) 9 (hot) 0.5 (cold) 0.5 (hot) Noise level? 66.0 dB(A) 64.0 dB(A) 64.0 dB(A) 64.0 dB(A) Fefficiency (%) 25% 0.2 88.9 0.85 100% 0.9.2 87.6 88.9 0.85 20% 0.2 82.9 0.81 <td>Output [HP]</td> <td></td> <td>15</td> <td></td> <td>15</td> <td></td> <td>15</td>	Output [HP]		15		15		15
Rated voltage [V] 230/460 190-220/380 415 Rate current [A] 34.4/17.2 42.0-36.3/21.0 19.5 L.R. Amperes [A] 234/117 227-196/113 127 LRC [A] 6.8x(Code G) 5.4x(Code E) 6.5x(Code G) No load current [A] 12.3/6.17 12.1-10.4/6.04 7.51 Rated speed [RPM] 3535 2905 2920 Sip [%] 1.81 3.17 2.67 Rated torque [%] 210 160 190 Derakdown torque [%] 220 200 220 Service factor 1.15 1.00 1.00 Temperature rise 80 K 105 K 80 K Locked rotor time 14s (cold) 8s (hot) 0s (cold) 0s (hot) 0s (cold) 0s (hot) Noise level? 66.0 dB(A) 64.0 dB(A) 64.0 dB(A) Efficiency (%) 75% 0.02 88.9 88.9 25% 25% Power Factor 50% 0.77 083			2				
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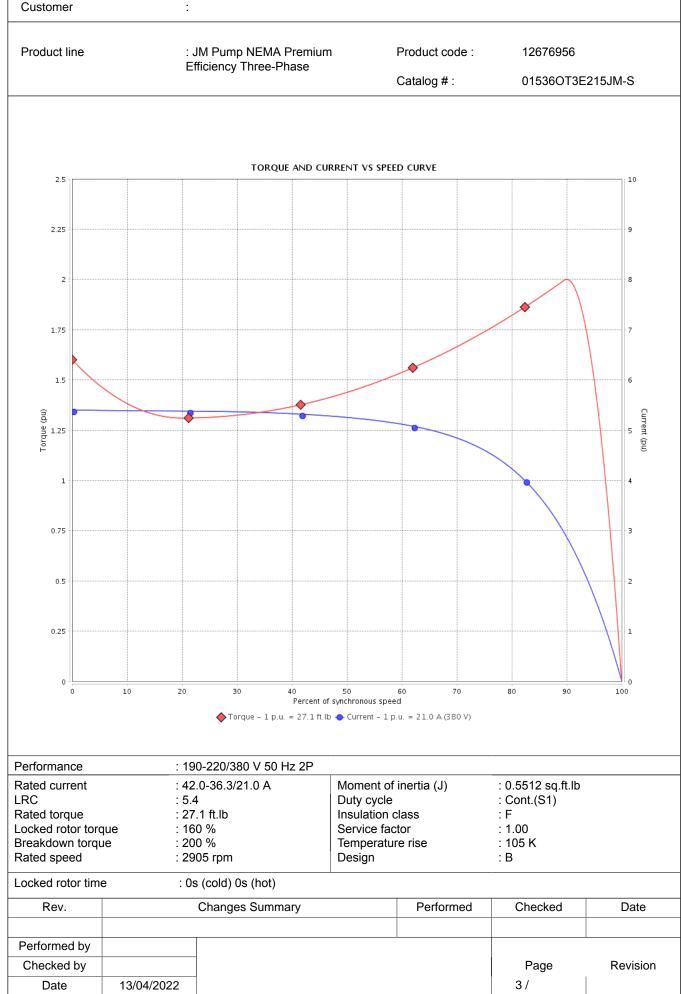


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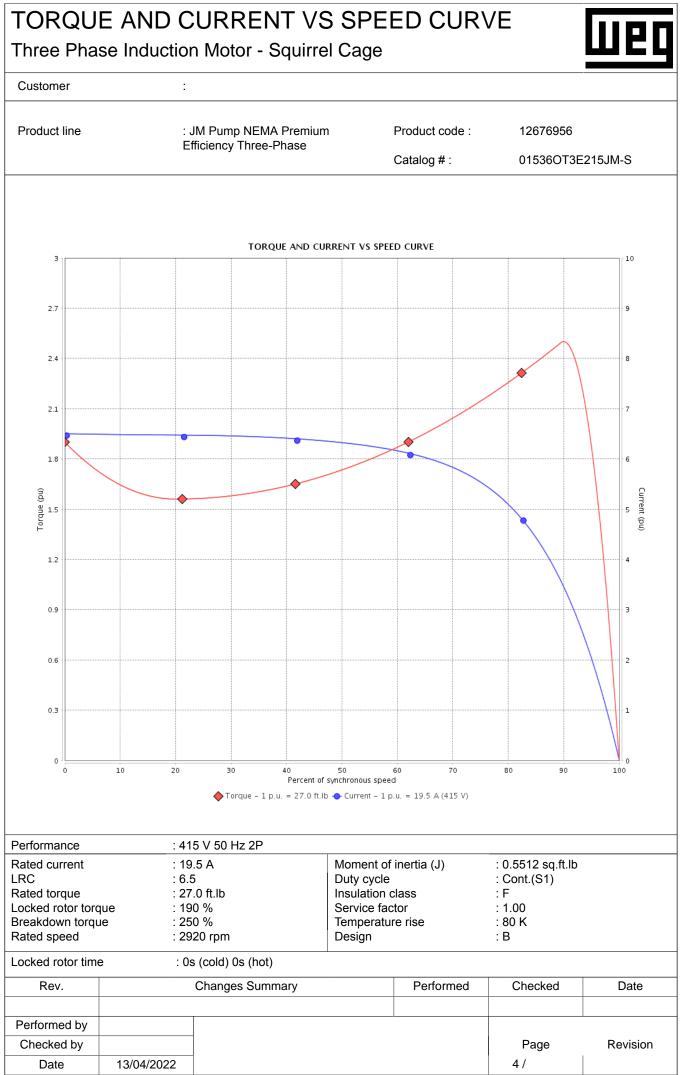
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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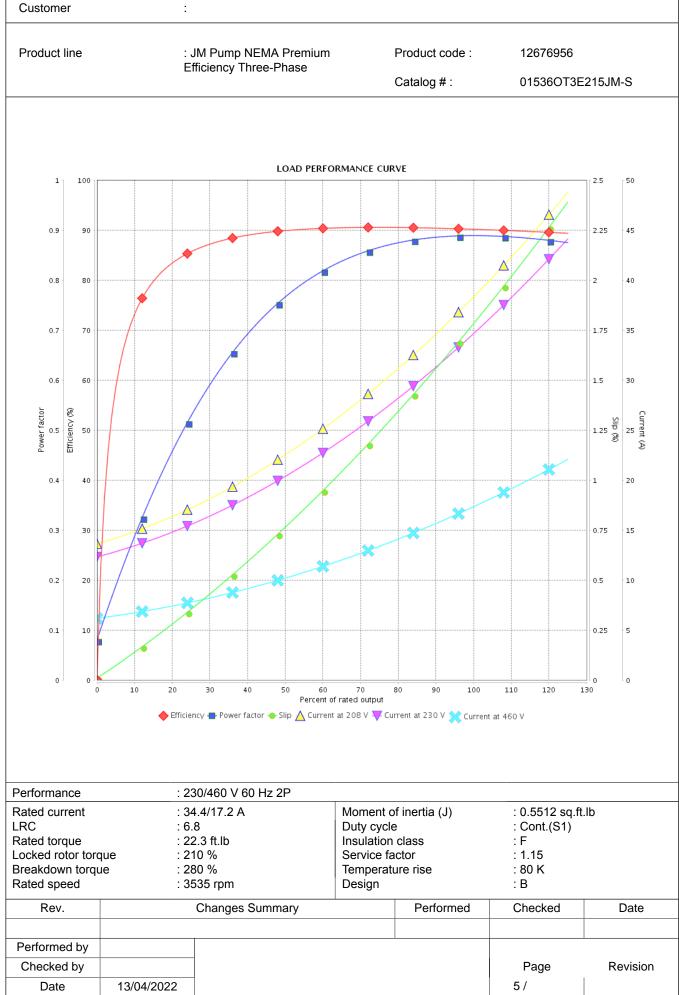


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LOAD PERFORMANCE CURVE

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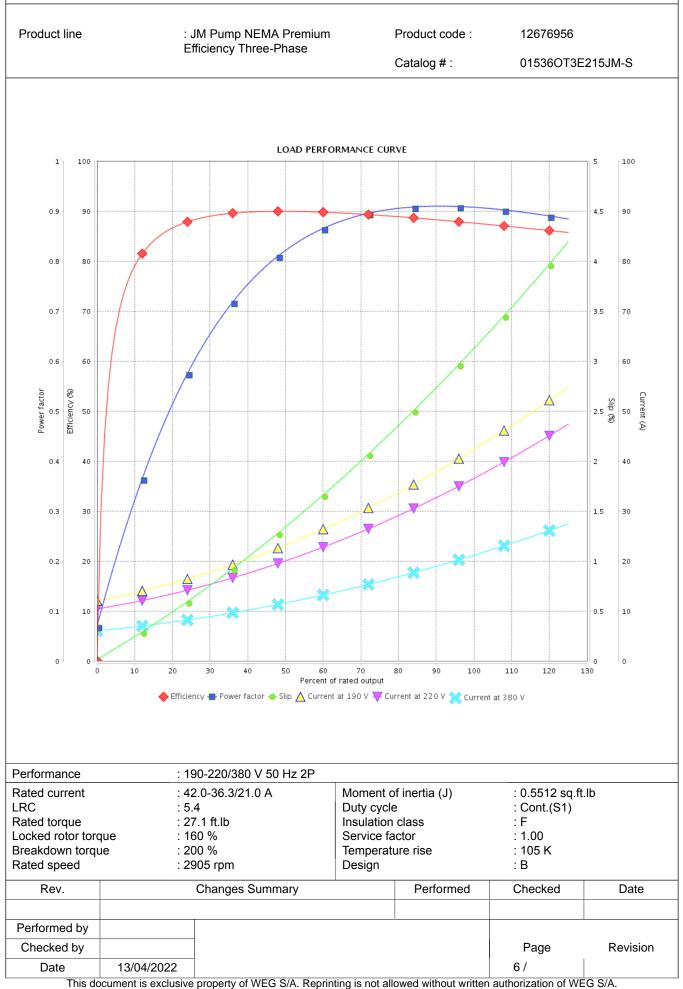
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Three Phase Induction Motor - Squirrel Cage

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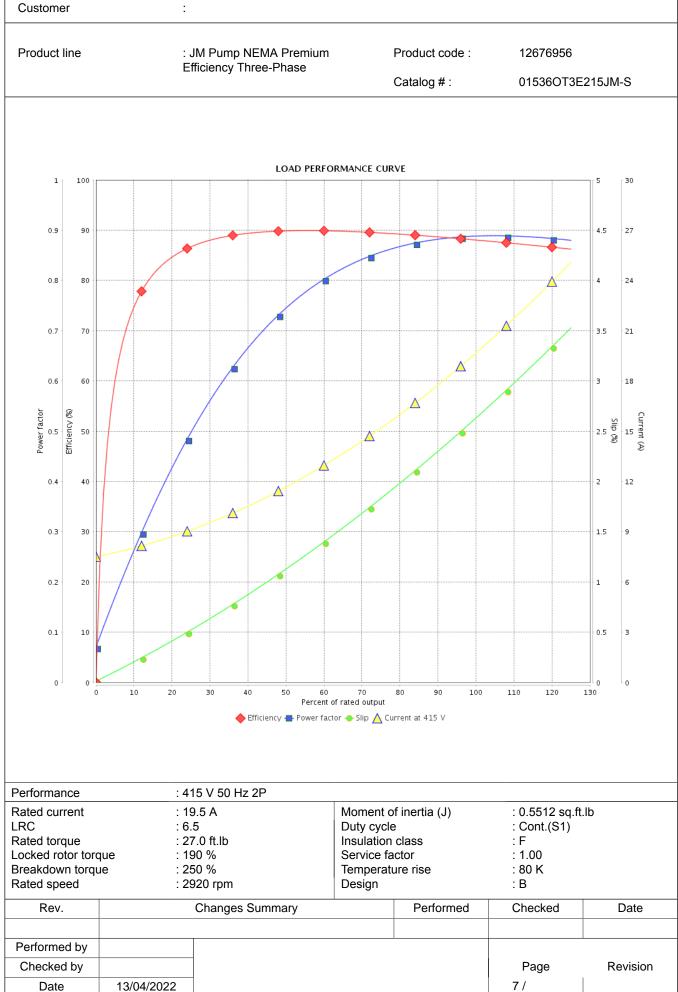
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

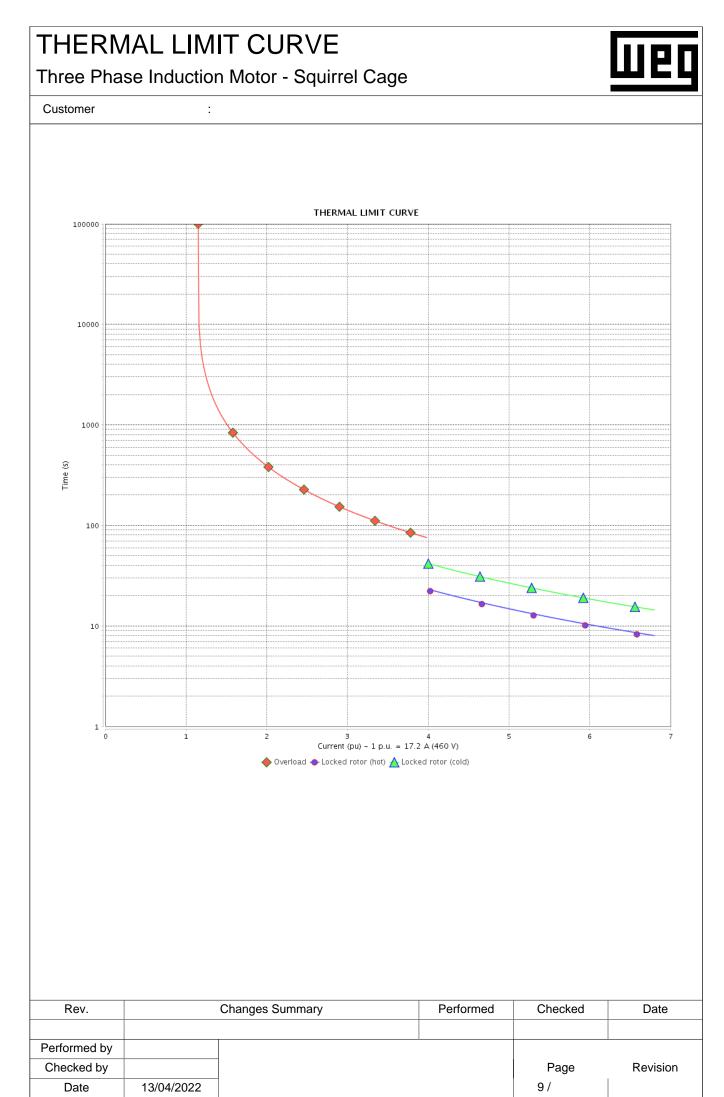
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Customer

Product line		: JM Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	12676956 01536OT3E	215JM-S
Performance	:	230/460 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	ue :	34.4/17.2 A 6.8 22.3 ft.lb 210 % 280 % 3535 rpm	Moment of Duty cycl Insulation Service fa Temperat Design	i class actor	: 0.5512 sq.ft. : Cont.(S1) : F : 1.15 : 80 K : B	b
Heating constant						
Cooling constant				1		
Rev.		Changes Summary		Performed	Checked	Date
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Date	13/04/2022	-			8/	

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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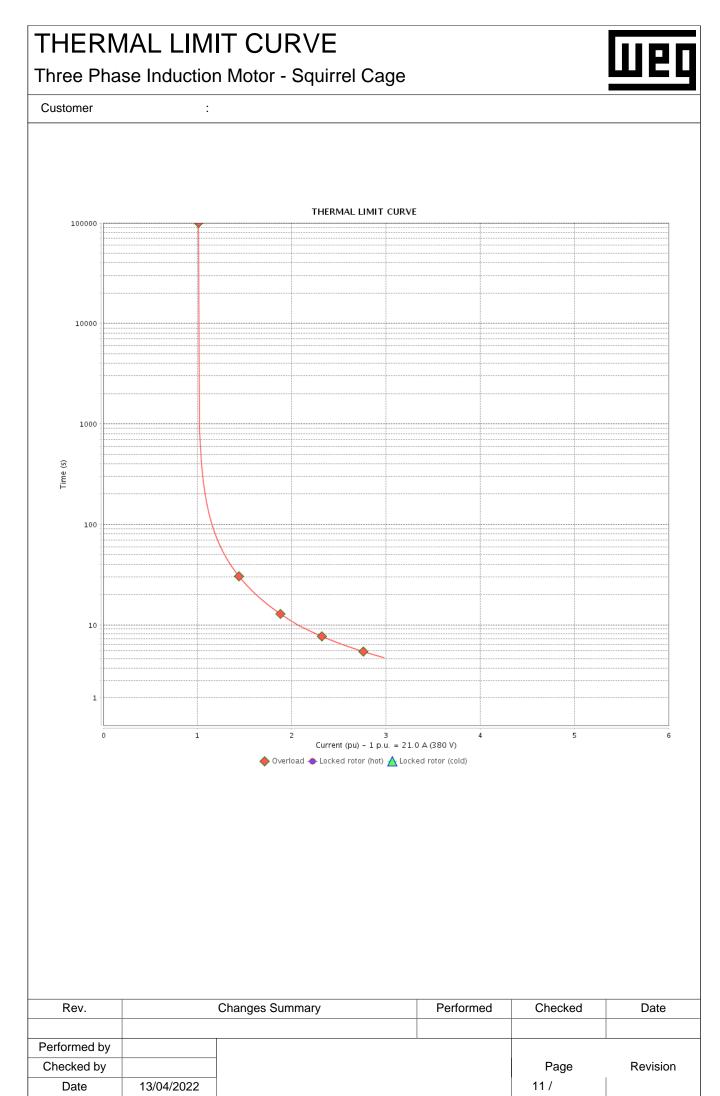


Customer

Product line		JM Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	12676956 01536OT3E	215JM-S
Performance	· 1	90-220/380 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 4 : 5 : 2 jue : 1 ie : 2	2.0-36.3/21.0 A	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.5512 sq.ft. : Cont.(S1) : F : 1.00 : 105 K : B	b
Heating constant	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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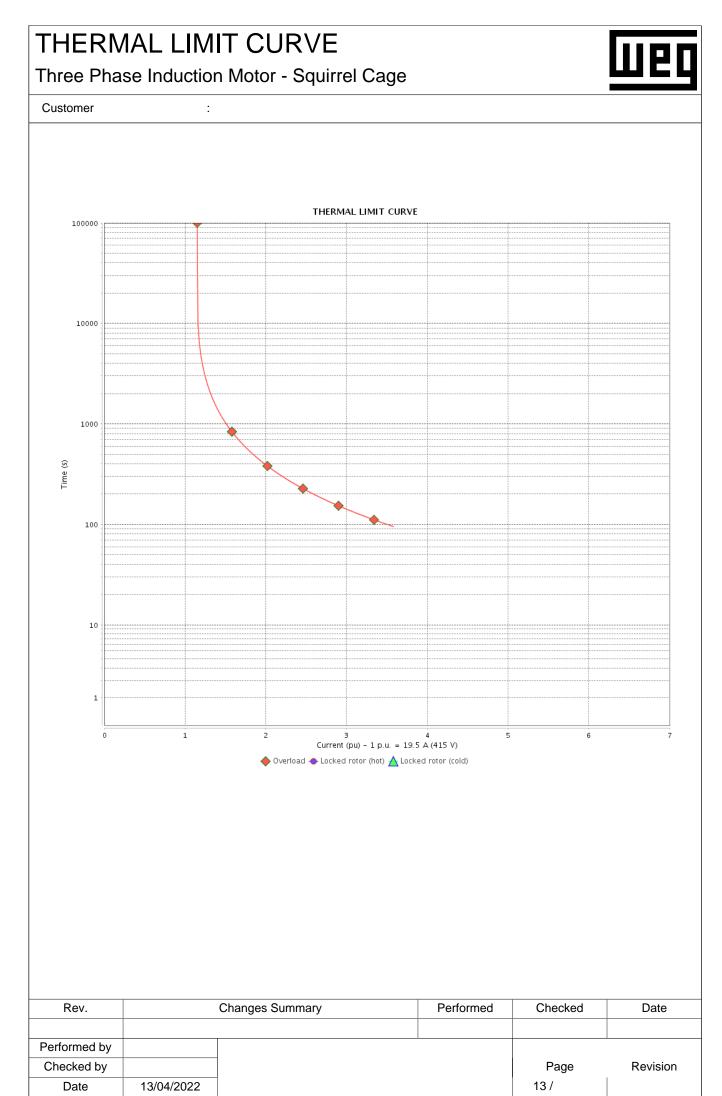


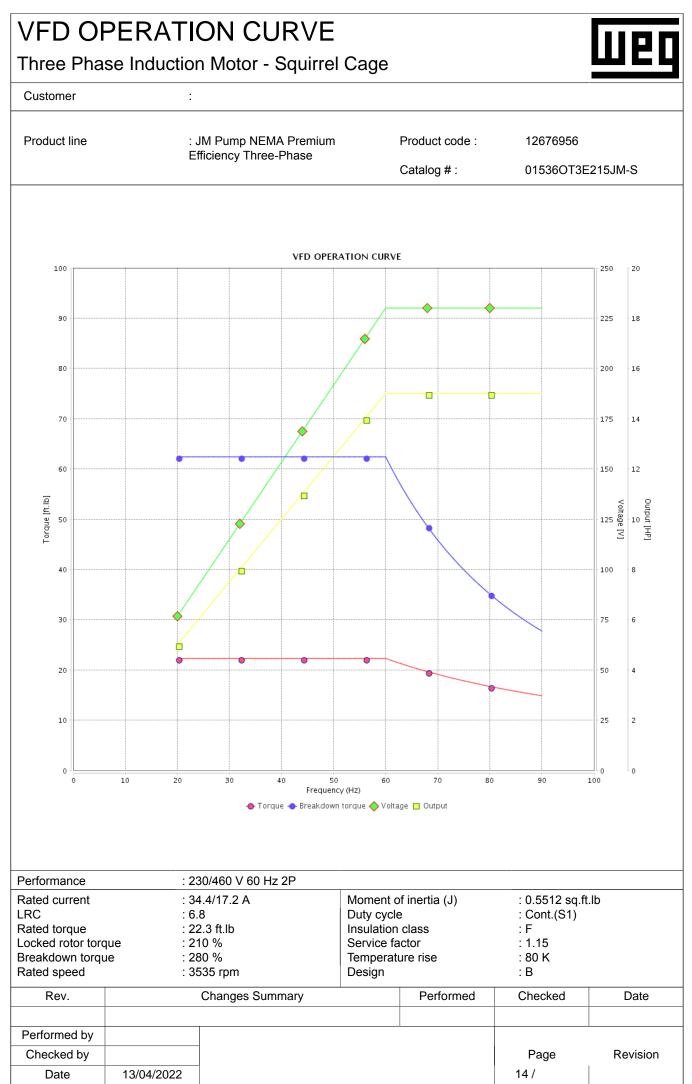
Customer

Product line	:	JM Pump NEMA Premium		Product code :	12676956	
	L			Catalog # :	01536OT3E2	215JM-S
Performance		15 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu	: 6 : 2 jue : 1	9.5 A 5.5 7.0 ft.lb 90 % 250 %	Moment of Duty cycle Insulation Service fa Temperat	class actor	: 0.5512 sq.ft.l : Cont.(S1) : F : 1.00 : 80 K	b
Rated speed		2920 rpm	Design		: B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by					1	
Checked by					Page	Revision
Date	13/04/2022				12 /	

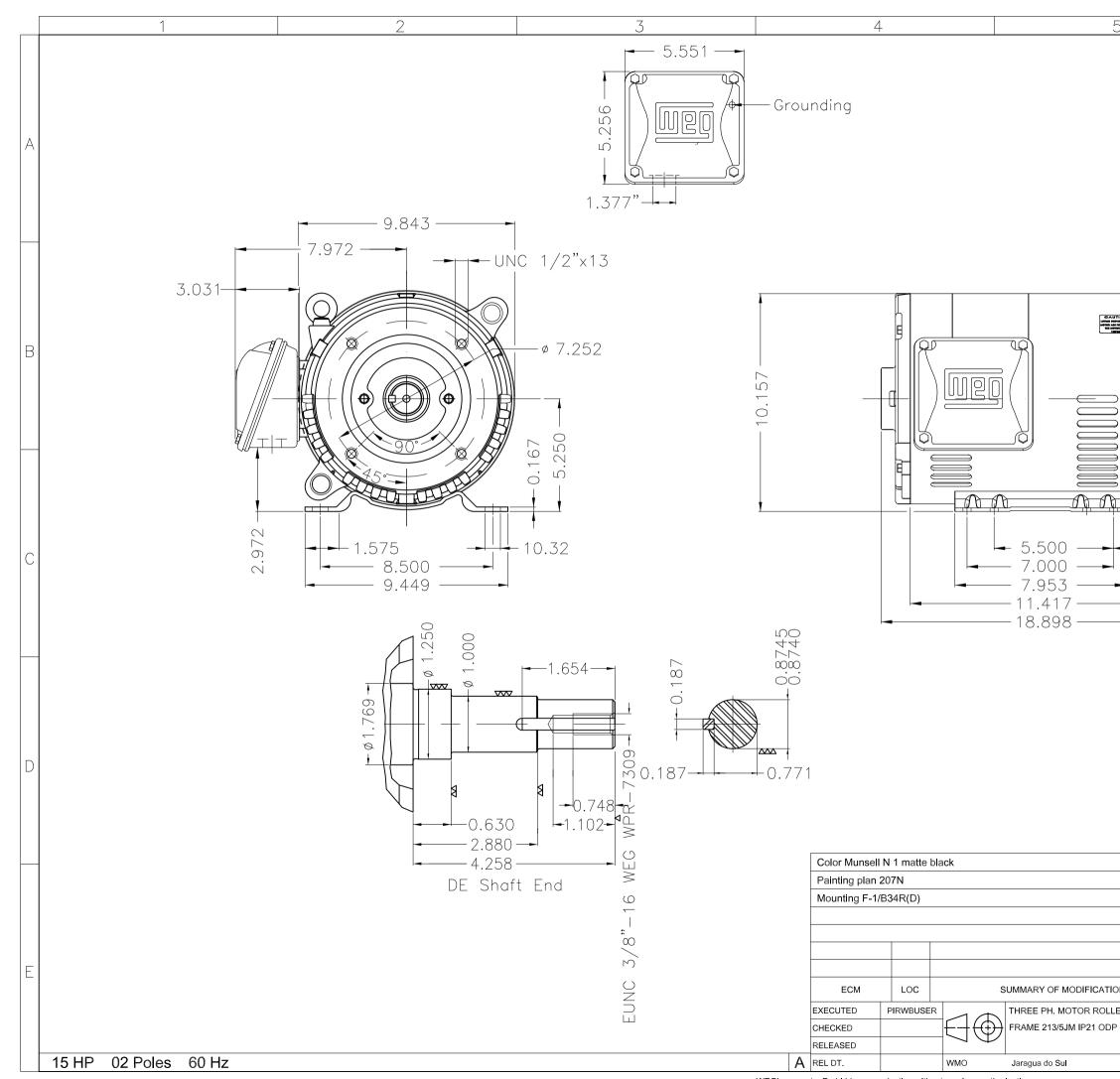
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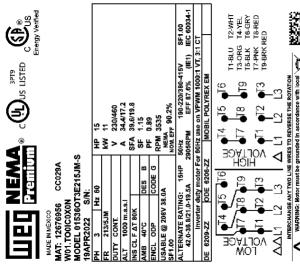


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Dimensions in Inches
IONS EXECUTED CHECKED RELEASED DATE VER
ULED STEEL CLOSE COUPLED PUMP JYPRETREMETER DP WDD
Product Engineering SHEET 1 / 1



choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine conformément aux codes électriques locaux et nationaux afin d'éviter tout



chocks. Disconnect power source before servicing unit.

and national electrical codes to prevent serious electrical