DATA SHEET

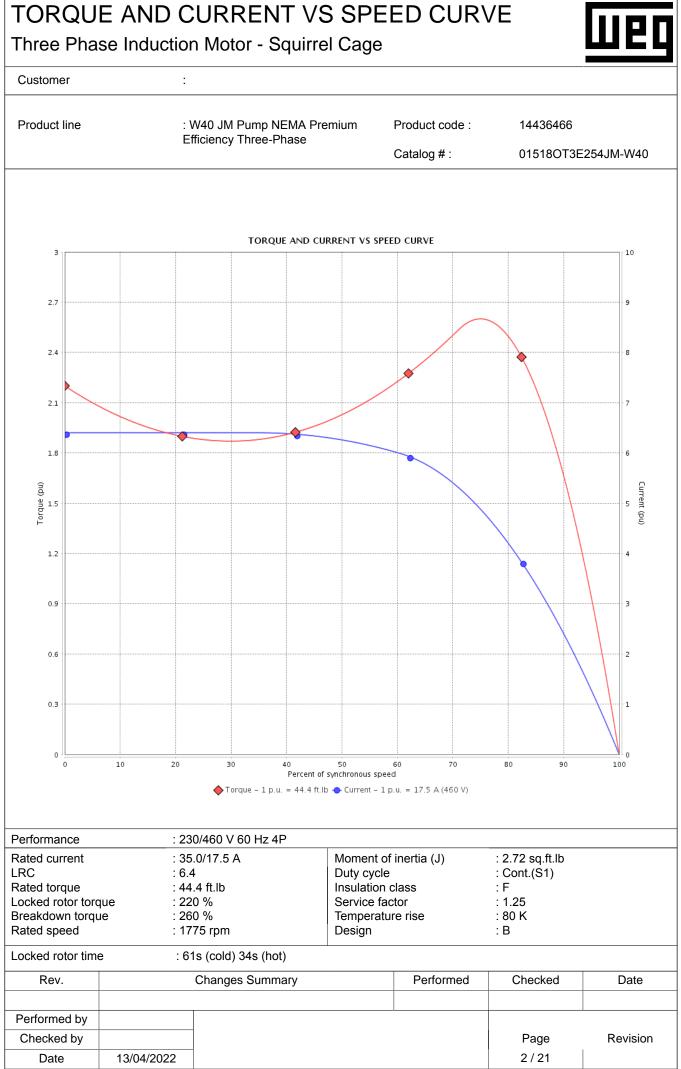
Three Phase Induction Motor - Squirrel Cage

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Customer

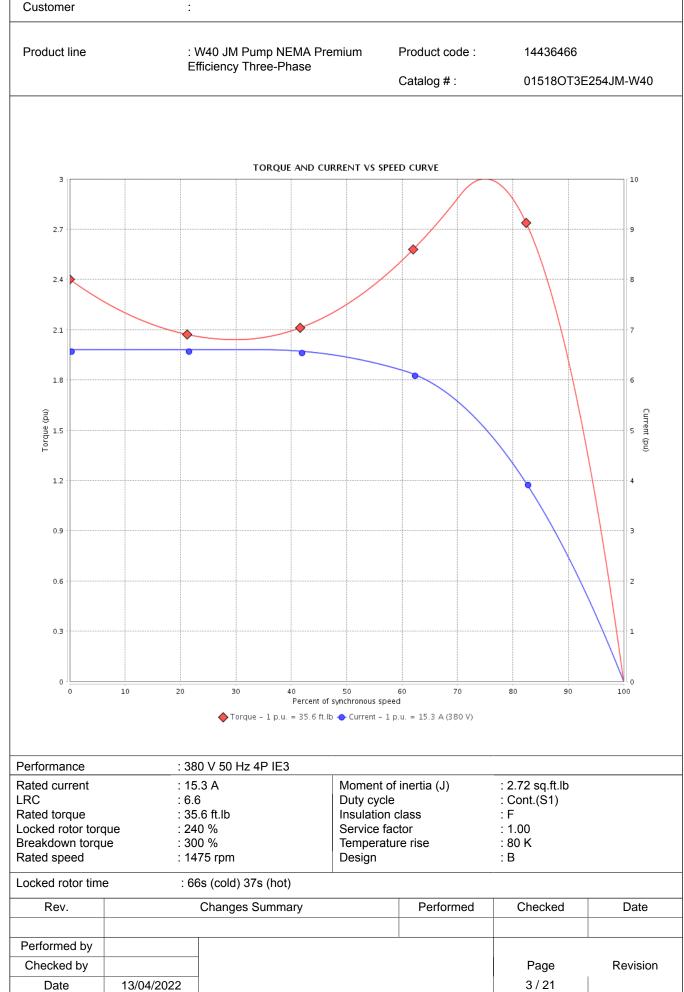
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Product line		: W40 JM Pump NEM Efficiency Three-Phas		ium Prod	duct code :	144364	466
Insulation class : F Mounting : F-1 Ambient temperature : 20°C to +40°C Approx. weight method : Direct On Life Ambient temperature : 20°C to +40°C Approx. weight method : Direct On Life Protection degree : IP23 . . . Duput [HP] 15 10 10 10 Teguency [Hz] 60 50 50 50 Tated votage [M] 230/460 380 400 415 Tated votage [M] 230/460 380 400 415 Tated votage [M] 230/460 380 400 415 Tated votage [RM] 1356.80 7.00 7.30 7.80 Tated votage [RM] 1775 1475 1480 1480 Stated speed [RPM] 1775 1475 1480 1480 State speed [RPM] 1775 1475 1480 1480 State speed [RPM] 1775 1475 1480 1480 State speed [RPM] 1705			Enclency Three-Frids	be	Cata	alog # :	015180	OT3E254JM-W40
butput [HP] 15 10 10 10 foles 4 4 4 4 4 foles 4 4 4 4 4 foles 4 4 4 4 4 foles 50 50 50 50 facted oursent [A] 230/460 380 400 415 facted oursent [A] 220/460 380 400 417 R. Amperes [A] 220/120 6.8x(Code H) 7.0x(Code J) 6.8x(Code H) 7.0x(Code J) fol colar current [A] 13.8/6.80 7.00 7.30 7.80 7.80 fact speed [RPM] 1775 1475 1480 1440 13.81 13.3 13.33 13.33 13.33 13.33 13.33 13.33 10 inexide for	Insulation class Duty cycle Ambient tempera Altitude Protection degre		: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23		Mounting Rotation ¹ Starting me Approx. wei	thod ght ³	: F-1 : Both : Direc : 253 II	(CW and CCW) t On Line b
bits 4 5 <td>•</td> <td></td> <td></td> <td><u> </u></td> <td>10</td> <td>10</td> <td>)</td> <td>10</td>	•			<u> </u>	10	10)	10
Frequency [Hz] 60 50 50 50 Sated voltage [V] 230/460 380 400 415 Stated current [A] 35.017.5 15.3 14.9 14.7 R. Amperes [A] 224/112 101 101 101 103 R. Amperes [A] 224/112 101 6.8x(Code H) 7.0x(Code J) 7.80 Stated speed [RPM] 13.6/6.80 7.00 7.30 7.80 7.80 Stated speed [RPM] 1.39 1.67 1.33 1.33 1.33 Stated speed [RPM] 1.25 1.00 280 310 1.00	Poles					-		-
ated outloge (V) 230/460 380 400 415 Rated current [A] 35.0/17.5 15.3 14.9 14.7 R. Amperes [A] 6.4x(Code G) 6.6x(Code H) 6.8x(Code J) io io load current [A] 13.6/6.80 7.00 7.30 7.80 ated speed [RPM] 1775 1475 1480 1480 ip [%] 1.39 1.67 1.33 1.33 ated torque [ft.lb] 44.4 35.6 36.5 35.5 ocked rotor torque [%] 220 240 280 310 ireakdown torque [%] 220 240 280 310 ireakdown torque [%] 220 240 280 310 ireakdown torque [%] 260 300 330 386 iervice factor 1.25 1.00 1.00 1.00 ierakdown torque [%] 260 300 330 380 iotise level* 620 0.64 0.03 0.01 iotise sold is (cold) 34s			60					-
Rated current [A] 35.017.5 15.3 14.9 14.7 R. Amperes [A] 224/112 101 101 103 RC [A] 6.4x(Code G) 6.6x(Code H) 6.8x(Code H) 7.0x(Code J) lo load current [A] 13.66.80 7.00 7.30 7.80 tated speed [RPM] 1.75 1440 1480 1480 tated torque [RM] 1.39 1.67 1.33 1.33 tated torque [RM] 44.4 35.6 35.5 35.5 ocked rotor torque [%] 220 240 280 310 readown torque [%] 286 300 330 360 treadown torque [%] 286 300 1.0 1.0 1								
R. Anperes [Å] 224/112 101 101 103 Iso load current [Å] 13.6/6.60 6.6x(Code H) 6.8x(Code H) 7.80 7.80 Stated speed [RPM] 1775 1475 1480 1480 1480 Sign [%] 1.39 1.67 1.33 1.33 1.33 Stated torque [%] 220 240 280 310 Treakdown torque [%] 260 300 330 366 Service factor 1.25 1.00 1.00 1.00 Gemperature rise 618 (cold) 34s (hot) 668 (cold) 37s (hot) 598 (cold) 33s (hot) 548 (cold) 30s (hot) Secker fortor time 618 (cold) 34s (hot) 668 (cold) 37s (hot) 598 (cold) 30s (hot) 548 (cold) 30s (hot) Secker fortor time 620 dB(A) 91.0 91.0 91.0 91.0 91.0 Efficiency (%) 25% 91.43 0.38 0.35 0.32 Power Factor 50% 0.66 0.62 0.82 0.80 284 91.0					15.3	14.	9	14.7
RC [A] 6.4x(Code G) 6.6x(Code H) 7.0x(Code J) is load current [A] 13.6/6.80 7.00 7.30 7.80 laded speed [RPM] 1775 1475 1480 1480 lip [%] 1.39 1.67 1.33 1.33 lated torque [%] 220 240 280 3310 iseakdown torque [%] 260 300 330 360 iseakdown torque [%] 260 300 330 360 iseakdown torque [%] 260 300 330 360 cocked rotor torque [%] 260 300 1.00 1.00 emperature rise 60 K 60 K 80 K 80 K 80 K cocked rotor torue 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) ioise level ² 62.0 dB(A) 89.2 89.2 89.2 89.2 Efficiency (%) 75% 92.4 91.0 91.0 91.0 91.0 Power Factor 50%								
loioad current [A] 13.6/6.80 7.00 7.30 7.80 Rated speed [RPM] 1775 1475 1480 1480 Rated speed [RPM] 1775 1475 1480 1480 Rated speed [RPM] 1.39 1.67 1.33 1.33 Rated speed [RPM] 44.4 35.6 35.5 35.5 cocked rot rouge [%] 220 240 280 310 reakdown torque [%] 260 330 330 360 cocked rotor torgue [%] 260 300 330 360 conced rotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 30s (hot) 54s (cold) 30s (hot) lois level? 62.0 dB(A)			6.4x(Code G)	6.6	6x(Code H)	6.8x(Cc	ode H)	7.0x(Code J)
tailed speed [RPM] 1775 1475 1480 1480 silp [%] 1.39 1.67 1.33 1.33 silp [%] 1.39 1.67 1.33 1.33 scked rotor torque [%] 220 240 280 310 scked rotor torque [%] 220 240 280 310 reakdown torque [%] 220 330 380 380 reakdown torque [%] 220 330 380 380 reakdown torque [%] 220 330 380 380 reakdown torque [%] 250 1.00 1.00 1.00 icke drotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) coked rotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) coked rotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.		1						
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taied forque [11:b] 44.4 35.6 35.5 35.5 ocked rotor torque [%] 220 240 280 310 preakdown torque [%] 260 300 333 360 iervice factor 1.25 1.00 1.00 1.00 iervice factor 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) iorse level? 61s (cold) 44s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) iorse level? 62.0 dB(A) 89.0 89.0 89.0 Efficiency (%) 75% 91.0 88.9 89.0 89.0 89.0 25% 0.43 0.38 0.35 0.32 69.2 69.2 Power Factor 50% 0.66 0.62 0.58 0.55 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 0.75 0.72 0.69 Earing type : 6309 2 C3 6209 2 C3 6209 2 C3	Slip [%]	-						
ocked rolor torque [%] 220 240 280 310 bireakdown torque [%] 260 300 330 360 bireakdown torque [%] 615 (cold) 346 (hot) 665 (cold) 375 (hot) 595 (cold) 335 (hot) 54s (cold) 305 (hot) cocked rotor time 615 (cold) 346 (hot) 665 (cold) 375 (hot) 598 (cold) 305 (hot) 690 89.0 89.2 <td></td> <td>]</td> <td></td> <td></td> <td>35.6</td> <td></td> <td></td> <td></td>]			35.6			
Streakdown torque [%] 260 300 330 360 Service factor 1.25 1.00 1.00 1.00 1.00 Service factor 1.25 1.00 1.00 1.00 1.00 cocked rotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) ioise levelP 62.0 dB(A) 68.9 89.0 89.0 89.0 Efficiency (%) 50% 91.7 89.2 89.2 89.2 89.2 25% 91.0 88.9 89.0 89.0 89.0 89.0 Power Factor 50% 0.66 0.62 0.58 0.55 75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 Power Factor 75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 0.82 Lubricatit type Mobil Polytex EM Max. traction Max. tractio			220					
Emperature rise 80 K 80 A			260		300	33	0	360
Ocked rotor time 61s (cold) 34s (hot) 66s (cold) 37s (hot) 59s (cold) 33s (hot) 54s (cold) 30s (hot) Ioise level* 62.0 dB(A) 88.9 89.0 89.0 89.0 Efficiency (%) 50% 91.0 88.9 89.2 89.2 89.2 25% 92.4 91.0 91.0 91.0 91.0 91.0 100% 93.0 91.0 91.0 91.0 91.0 91.0 25% 0.43 0.38 0.35 0.32 0.32 Power Factor 50% 0.66 0.62 0.58 0.55 75% 0.72 0.69 0.82 0.80 0.78 Bearing type : 6309 Z C 3 6209 Z C 3 Max. traction Sealing : Without Without Max. traction Lubrication interval : 20000 h 20000 h 2000 h 2000 h Lubrication timerval : 13 g 9 g 1 power supply, subject to the tolerances sipulated in NEMA Mostes	Service factor							
bitse level* 62.0 dB(A) Image: Constraint of the shaft end. (2) (2) Measured at the and with tolerance of +3dB(A). 89.0 80.0 80.0 80.0 80.0 80.0 80.0	Temperature rise		80 K		80 K	80	K	80 K
25% 91.0 88.9 89.0 89.0 89.0 Efficiency (%) 50% 91.7 89.2 89.2 89.2 89.2 89.2 Power Factor 75% 92.4 91.0 91.0 91.0 91.0 91.0 91.0 Power Factor 50% 0.43 0.38 0.35 0.32 0.69 Power Factor 50% 0.66 0.62 0.58 0.55 0.72 0.69 100% 0.85 0.82 0.80 0.78 0.78 0.72 0.69 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Max. traction Max. traction Sealing : Without Without Bearing Seal Deaving Seal Bearing Seal Deaving Seal Bearing Seal Castoon Not Seand Se	ocked rotor time			66s (d	cold) 37s (hot)	59s (cold)	33s (hot)	54s (cold) 30s (hot)
Efficiency (%) 50% 91.7 89.2 89.2 89.2 89.2 89.2 Power Factor 75% 92.4 91.0 91.0 91.0 91.0 91.0 Power Factor 25% 0.43 0.38 0.35 0.32 Power Factor 50% 0.66 0.62 0.58 0.55 75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Bearing Seal Bearing Seal Bearing Seal Lubrication interval : 20000 h 20000 h 20000 h Max. compression Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (1) Looking the motor from the shaft end. (2) Mazured at 1 m ad with tolerance of +3dB(A). MG-1. (2) Mazured at 1 m ad with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing	Noise level ²		62.0 dB(A)					
Efficiency (%) 75% 92.4 91.0			91.0			89.	0	
100% 92.4 91.0 <th< td=""><td>Efficiency $(9/)$</td><td>50%</td><td>91.7</td><td></td><td>89.2</td><td>89.</td><td>2</td><td rowspan="2">89.0 89.2 91.0 91.0 0.32 0.55</td></th<>	Efficiency $(9/)$	50%	91.7		89.2	89.	2	89.0 89.2 91.0 91.0 0.32 0.55
Power Factor 25% 0.43 0.38 0.35 0.32 Power Factor 50% 0.66 0.62 0.58 0.55 75% 0.78 0.75 0.72 0.69 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Without Max. traction Bearing Seal Bearing Seal Bearing Seal Max. traction Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Max. traction Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. Mas. compression (2) Measured at 1m and with tolerance of +3dB(A). Mas. traction MG-1. (3) Approximate weight subject to changes after manufacturing process. Max. Max. (4) At 100% of full load. Environmed Checked Date Performed by	Efficiency (70)		92.4		91.0	91.	0	
Power Factor 50% 0.66 0.62 0.58 0.55 75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Without Max. traction Lubrication interval : 20000 h 20000 h Max. compression Lubricant amount : 13 g 9 g g Lubricant amount : 13 g 9 g g Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Evev Changes Summary Performed Checked Date Performed by			93.0		91.0	91.	0	91.0
Power Pactor 75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Without Max. traction Lubrication interval : 20000 h 20000 h Max. traction Lubricant amount : 13 g 9 g g Lubricant type Mobil Polyrex EM Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A Mobil Polyrex EM These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Date Rev. Changes Summary Performed Checked Date Performed by			0.43		0.38	0.3	5	0.32
75% 0.78 0.75 0.72 0.69 100% 0.85 0.82 0.80 0.78 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Without Max. traction Bearing Seal Bearing Seal Bearing Seal Max. traction Lubrication interval : 20000 h 2000 h Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Max. traction Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (2) Aparoximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Rev. Changes Summary Performed Checked Date Performed by	Power Factor							0.55
Drive end Bearing type Sealing Drive end 6309 Z C3 Foundation loads Max. traction Max. compression Sealing Without Bearing Seal Lubrication interval Without 20000 h Without 20000 h Max. compression Lubricant amount 13 g 9 g Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM Mobil Polyrex EM Max. Sompression Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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. Performed Checked Date Rev. Changes Summary Performed Checked Date Performed by Page Revision	FUWEI FACIUI	75%	0.78					
Bearing type : 6309 Z C3 6209 Z C3 Max. traction Sealing : Without Without Max. compression Lubrication interval : 20000 h 20000 h Max. compression Lubricant amount : 13 g 9 g g Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Max. Sompression Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Date Performed by Page Revision		100%	0.85		0.82	0.8	0	0.78
Notes USABLE @208V 38.7A SF 1.15 SFA 44.5A This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (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. Rev. Changes Summary Performed by Page Revision Page	Sealing Lubrication interv Lubricant amoun		: 6309 Z C3 620 : Without Wi Bearing Seal Bear : 20000 h 20 : 13 g	9 Z C3 ithout ing Seal 000 h 9 g	Max. traction Max. compre	۱		
must be eliminated. power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. power supply, subject to the tolerances stipulated in NEMA (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Performed by Performed by Page Checked by Page Revision	Notes	38.7A SF 1.	[_]					
Performed by Page Revision	must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro	ed. lotor from the Im and with t weight subjec ocess.	shaft end. olerance of +3dB(A).	hich	power supply			
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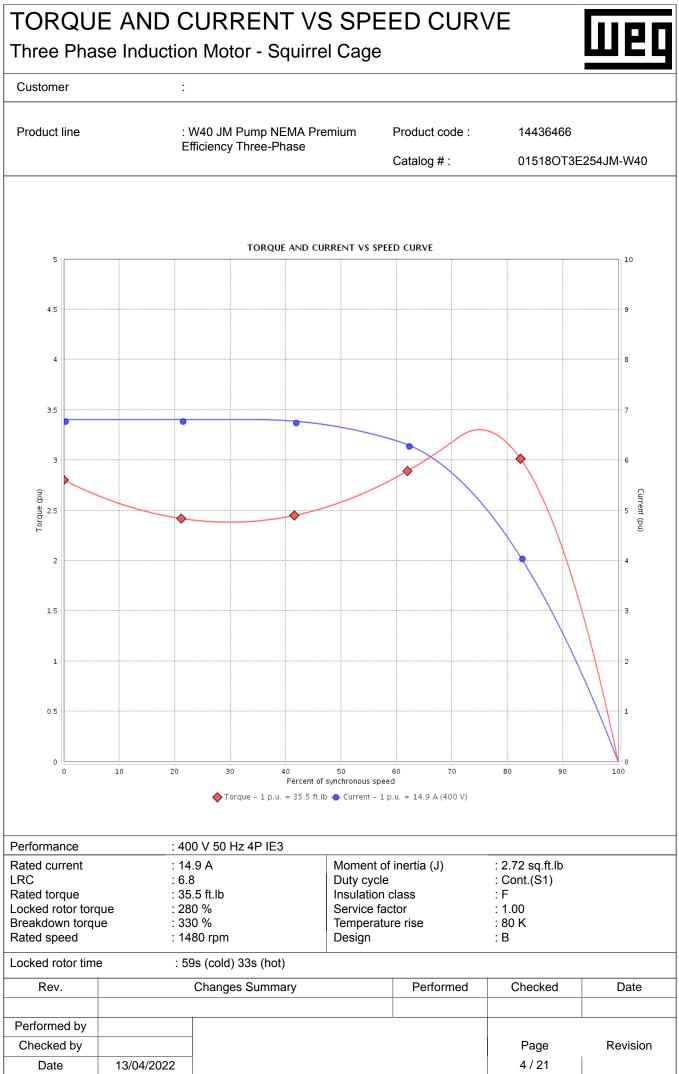
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



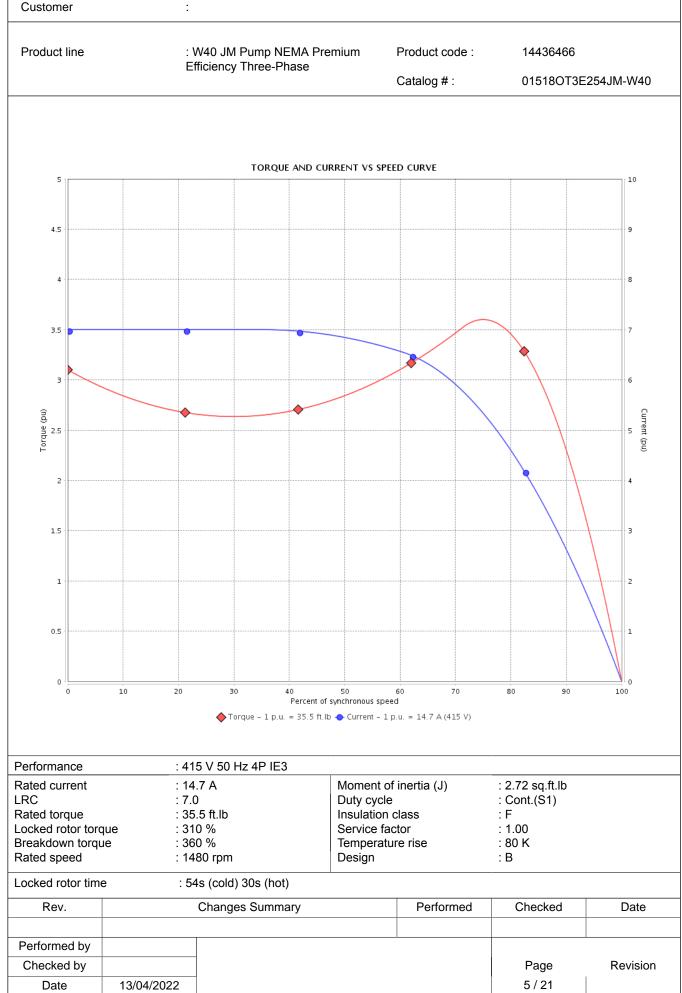
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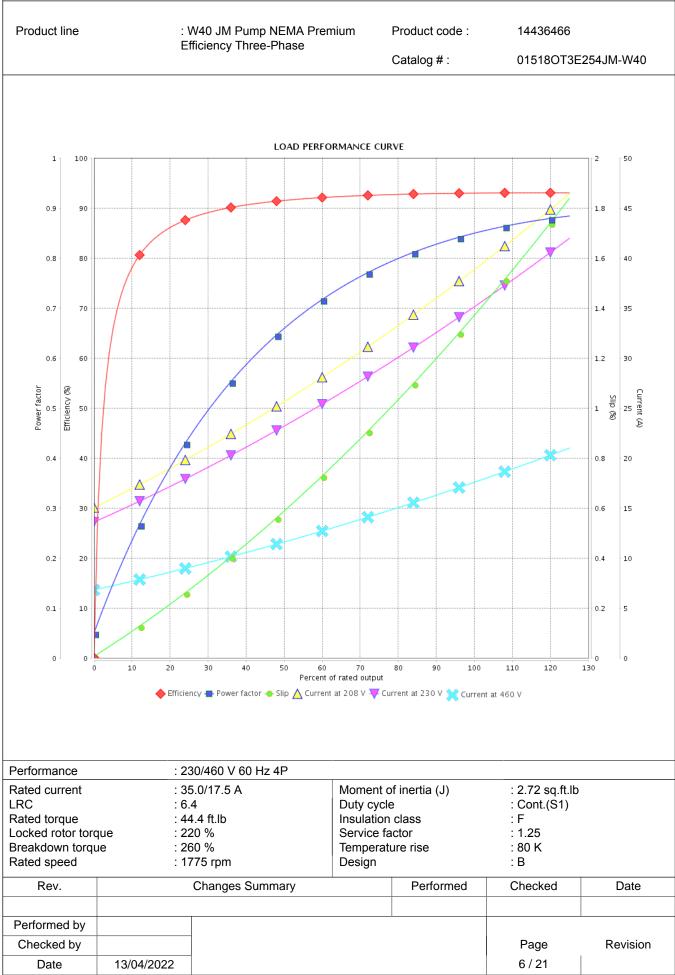
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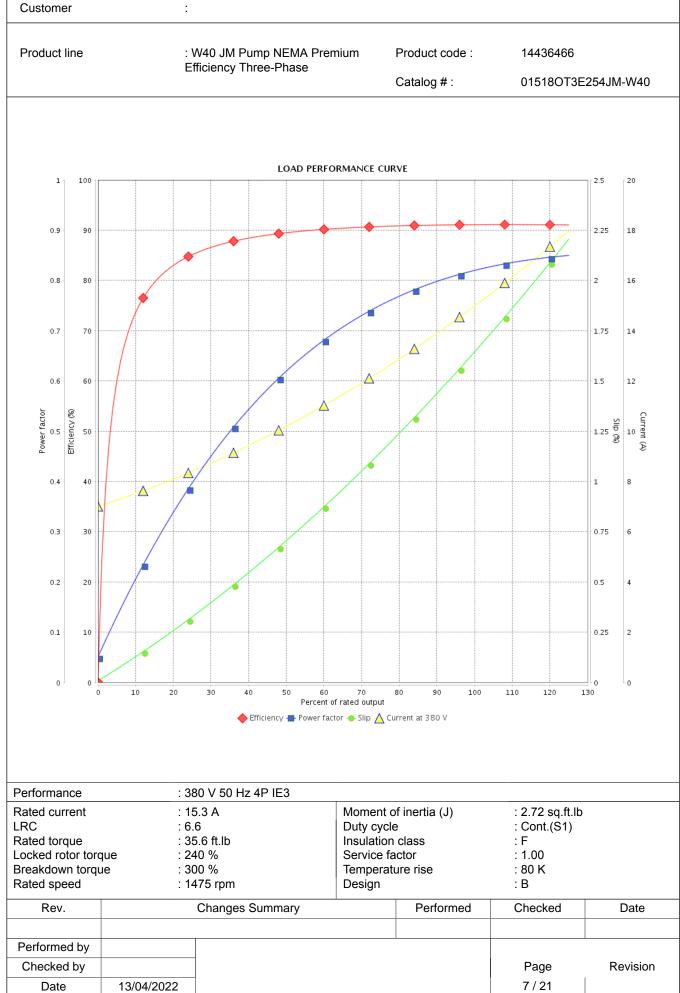


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Three Phase Induction Motor - Squirrel Cage

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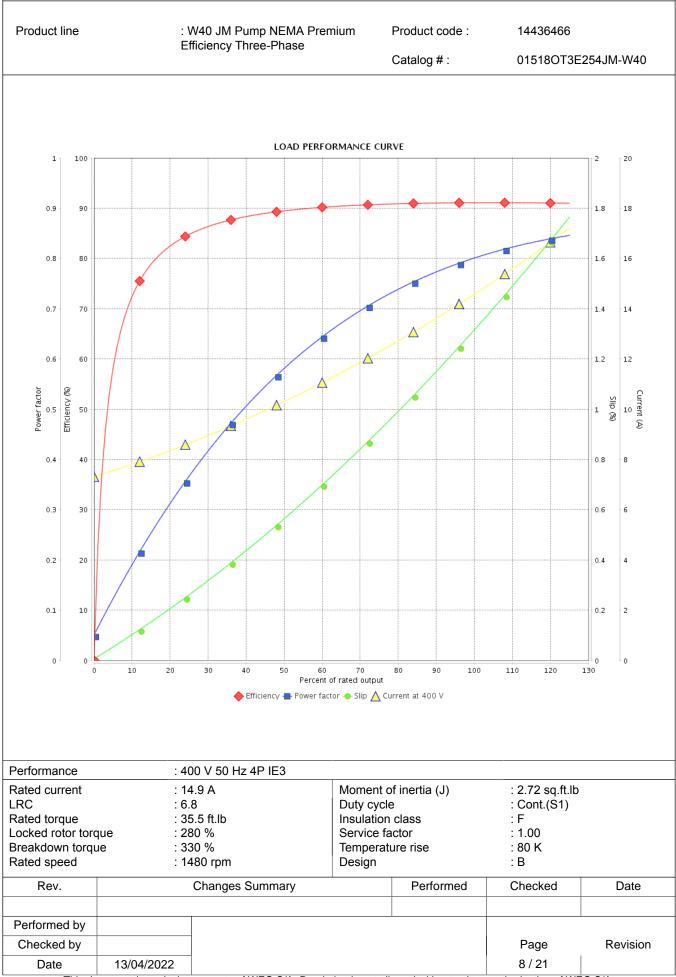
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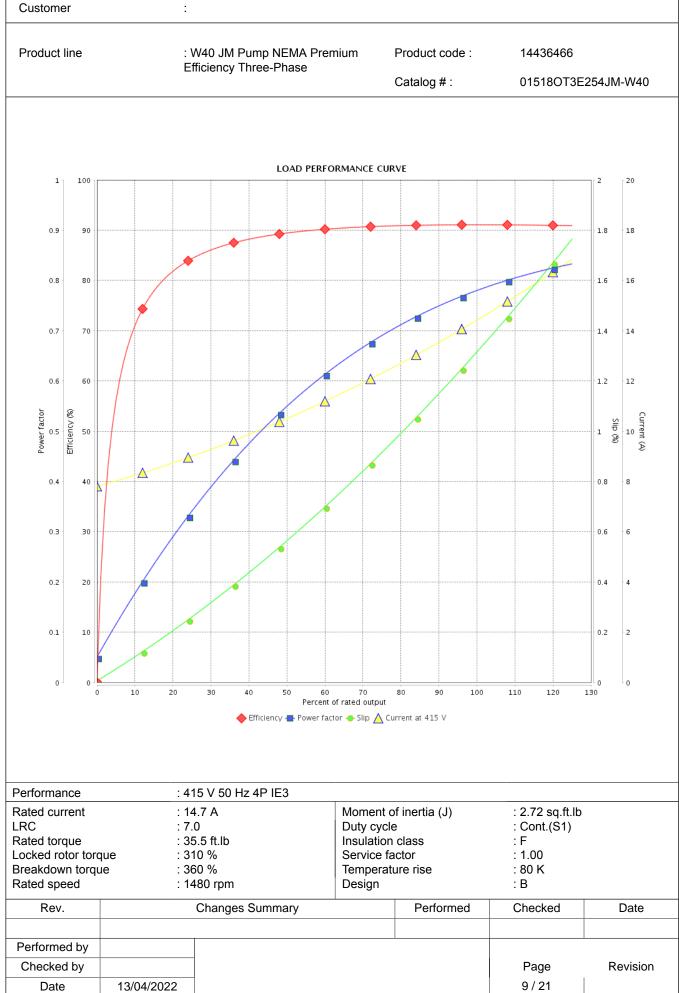


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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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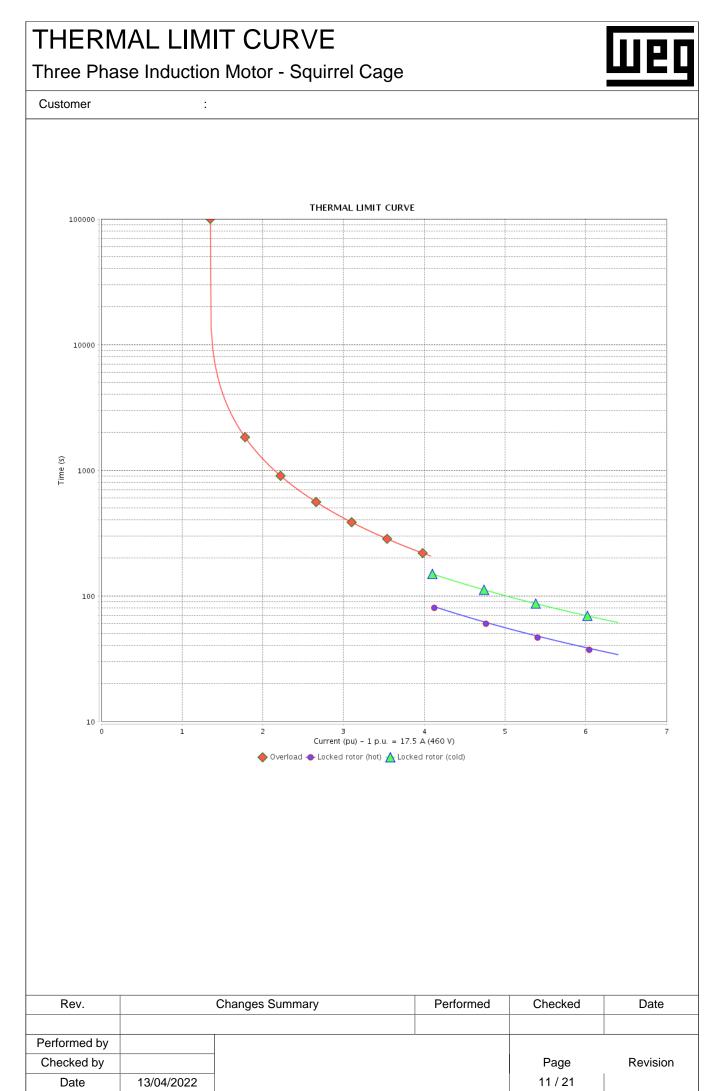


Customer

Product line		: W40 JM Pump NEMA Premium		Product code :	14436466	14436466	
		fficiency Three-Phase	Catalog # :		01518OT3E254JM-W40		
Performance		30/460 V 60 Hz 4P					
Rated current LRC	: 35	5.0/17.5 A	Moment o Duty cycle	f inertia (J)	: 2.72 sq.ft.lb : Cont.(S1)		
Rated torque		4 4.4 ft.lb	Insulation		: F		
Locked rotor tore	que : 22	20 %	Service fa	ctor	: 1.25		
Breakdown torqu		60 %	Temperatu	ure rise	: 80 K		
Rated speed	: 17	775 rpm	Design		: B		
Heating constant	t						
Cooling constant	t						
Rev.		Changes Summary		Performed	Checked	Date	
Performed by					I		
Checked by					Page	Revision	
Date	13/04/2022				10/21		

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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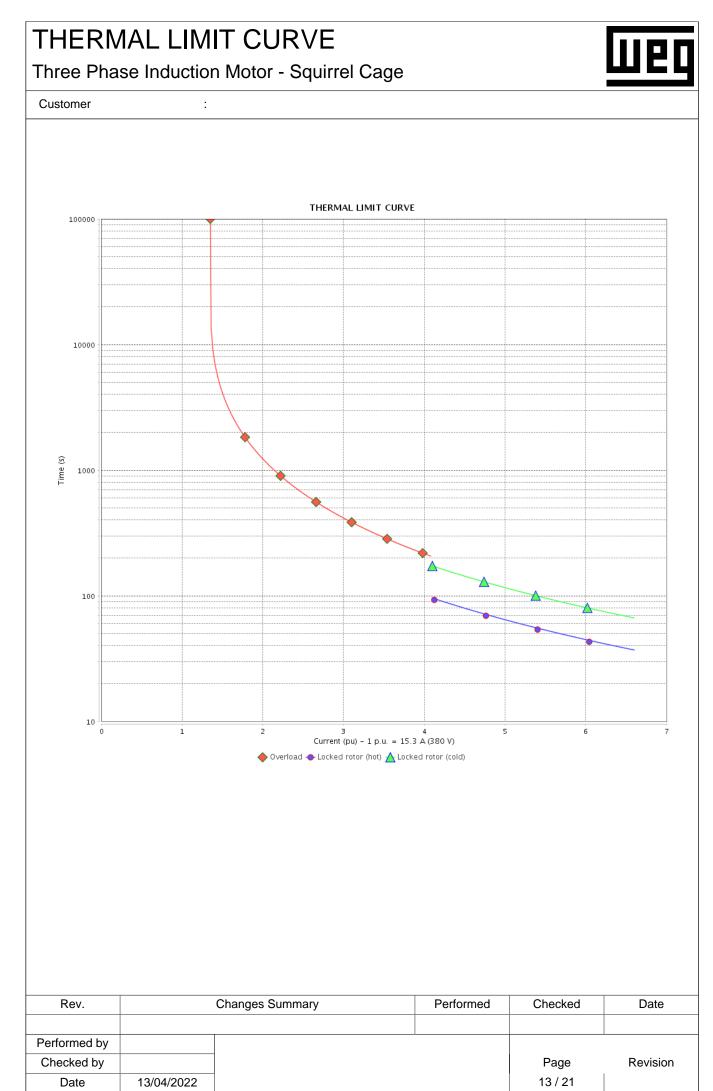


Customer

Product line		: W40 JM Pump NEMA Premium		Product code :	14436466		
	Ef	fficiency Three-Phase	Catalog # :		01518OT3E254JM-W40		
Performance	· 20	30 V 50 Hz 4P IE3					
Rated current		5.3 A	Moment o	f inertia (J)	: 2.72 sq.ft.lb		
LRC	: 6.		Duty cycle	;	: Cont.(S1)		
Rated torque		5.6 ft.lb	Insulation	class	: F		
Locked rotor toro Breakdown torqu		40 % 00 %	Service fa Temperatu		: 1.00 : 80 K		
Rated speed		475 rpm	Design		: B		
Heating constan							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	13/04/2022				12/21		

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

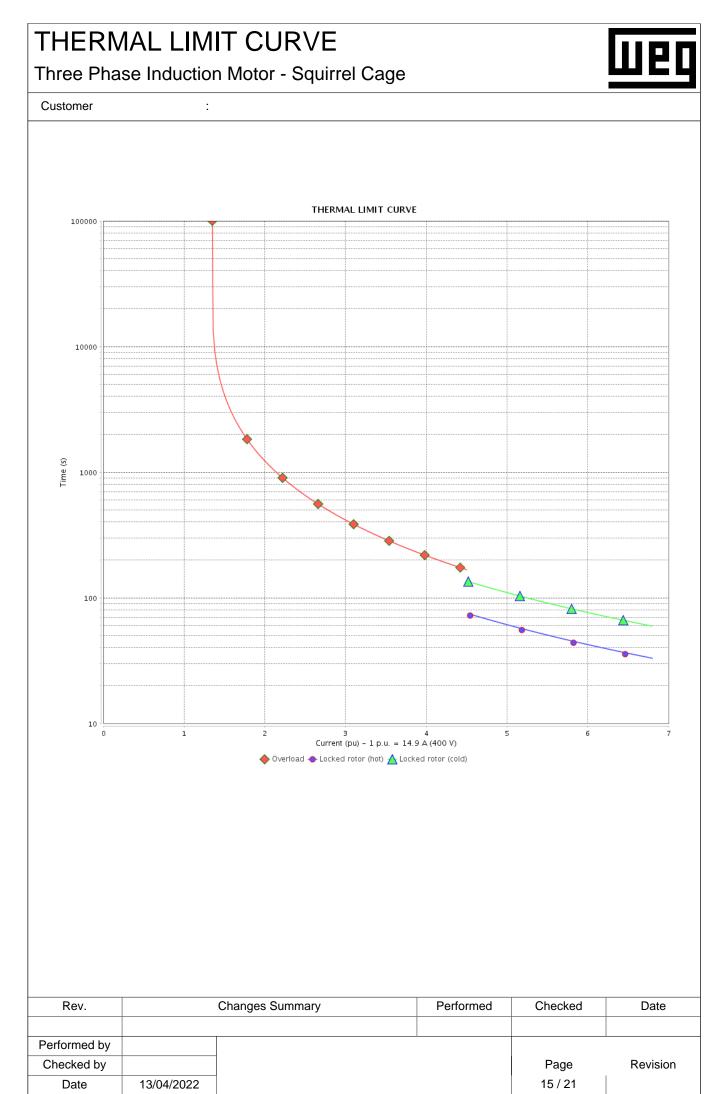
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Customer

Product line		W40 JM Pump NEMA Prem fficiency Three-Phase		Product code :	14436466	
				Catalog # :	01518OT3E2	54JIVI-VV4U
Performance	• 4	00 V 50 Hz 4P IE3				
Rated current		4.9 A	Momente	f inertia (J)	· 2 72 cc ft lb	
LRC	: 6		Duty cycle	ι πειία (J) θ	: 2.72 sq.ft.lb : Cont.(S1)	
Rated torque	: 3	5.5 ft.lb	Insulation	class	: F	
Locked rotor toro		80 %	Service fa		: 1.00	
Breakdown torqu Rated speed		30 % 480 rpm	Temperatu Design	ure rise	: 80 K : B	
		· h				
Heating constant						
Cooling constant Rev.	L	Changes Summary		Performed	Checked	Date
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		-			Paga	Revision
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Date	13/04/2022	1			14 / 21	

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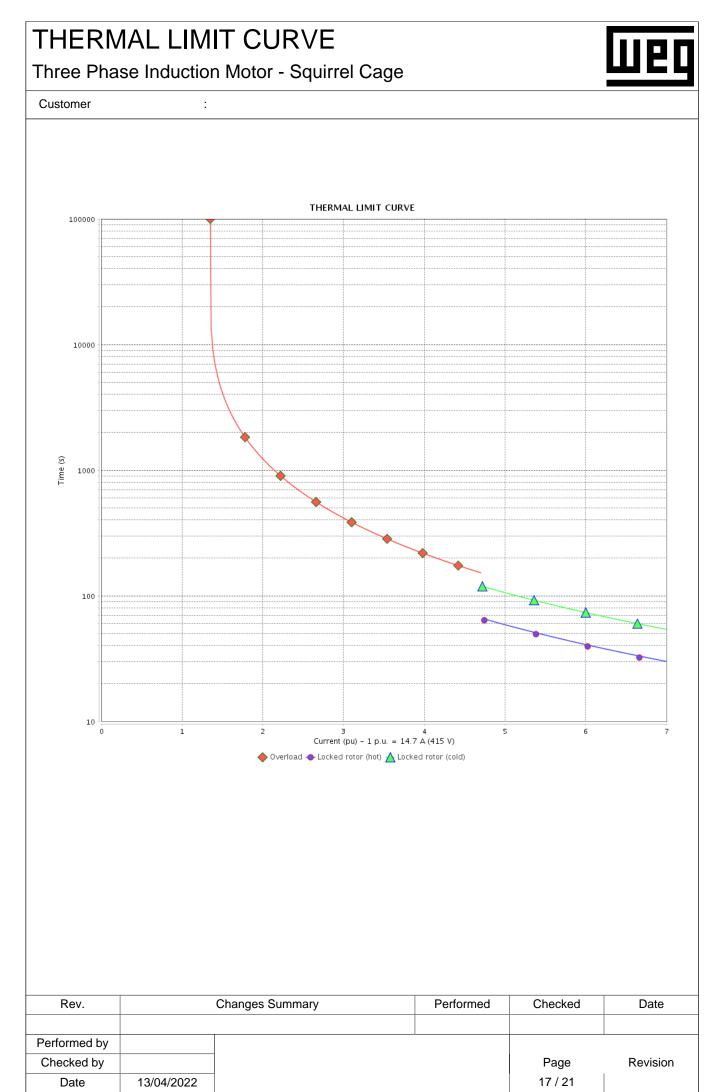
THERMAL LIMIT CURVE

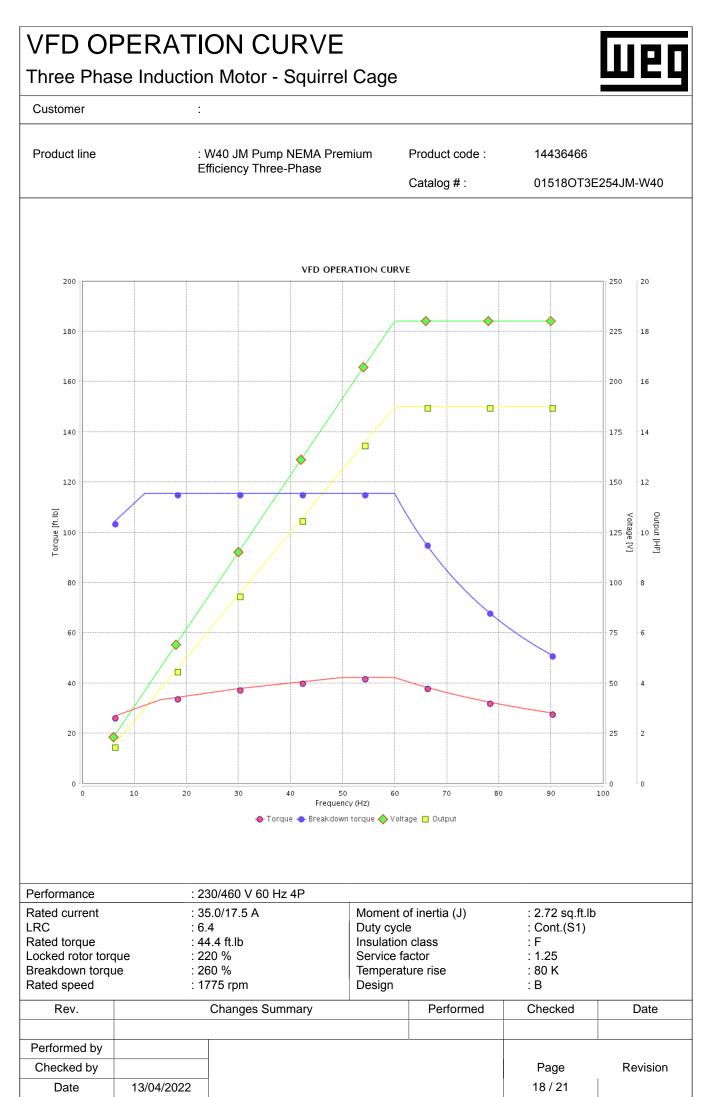
Three Phase Induction Motor - Squirrel Cage

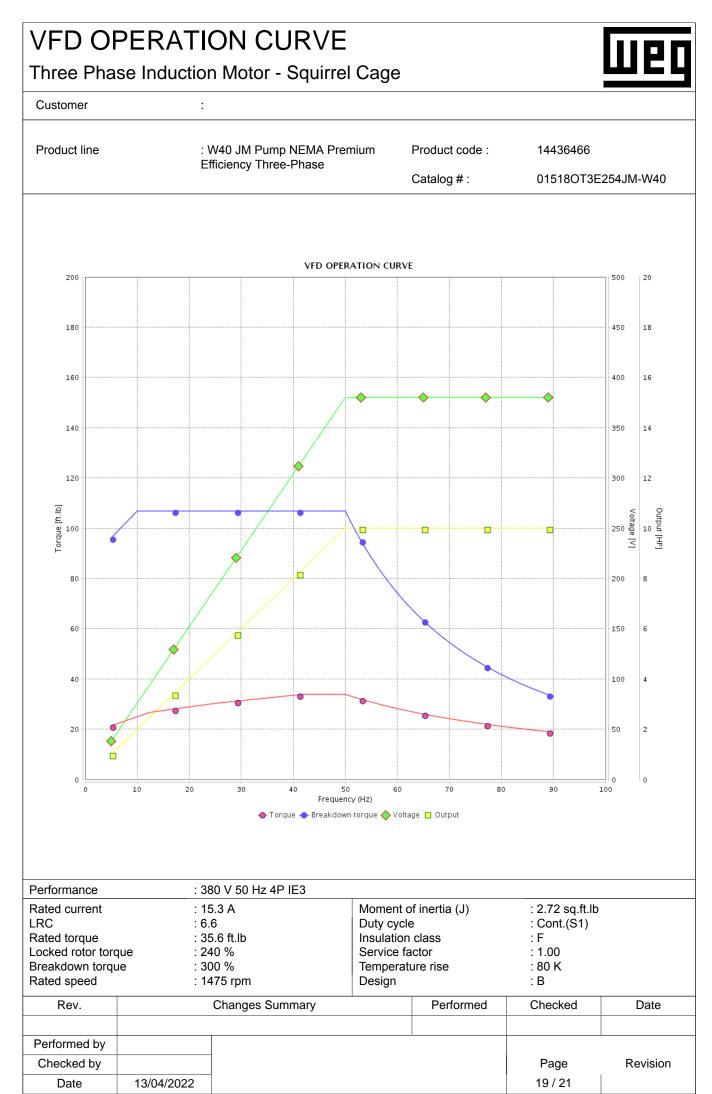


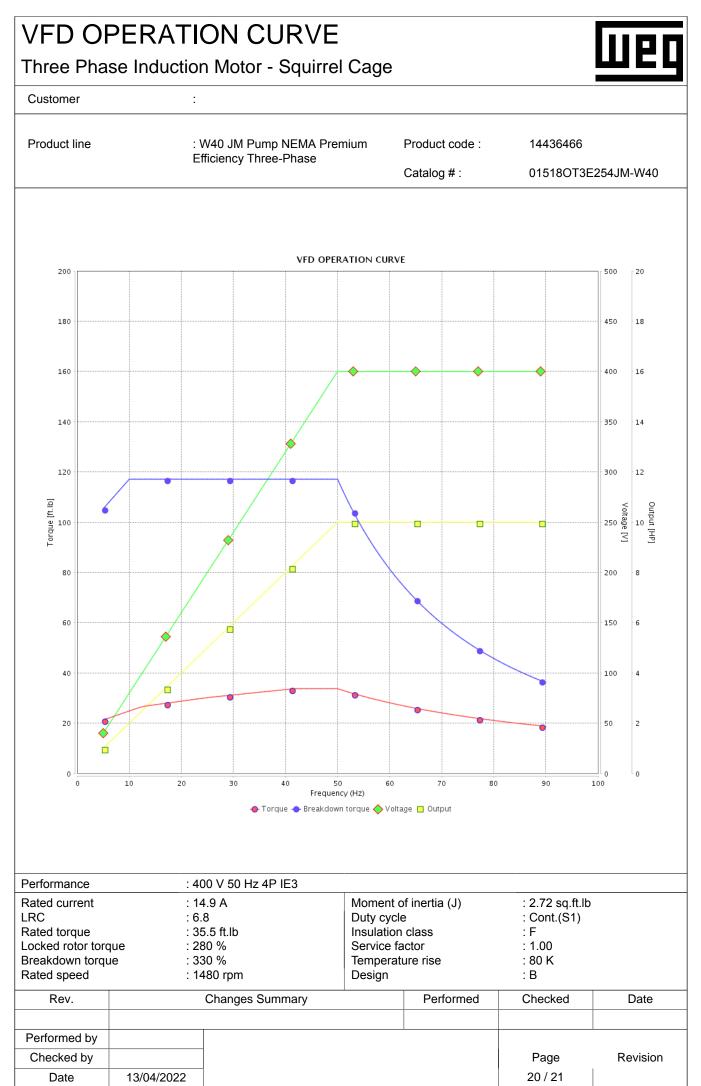
Customer	:					
Product line		W40 JM Pump NEMA Prem fficiency Three-Phase		Product code : Catalog # :	14436466 01518OT3E2	54JM-W40
Performance	: 4	15 V 50 Hz 4P IE3				
Rated current	: 1	4.7 A		f inertia (J)	: 2.72 sq.ft.lb	
LRC Rated torque		5.5 ft.lb	Duty cycle Insulation	class	: Cont.(S1) : F	
Locked rotor toro Breakdown torqu		10 % 60 %	Service fa Temperatu		: 1.00 : 80 K	
Rated speed		480 rpm	Design		: B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
Performed by		-				D
Checked by Date	13/04/2022			Page 16 / 21	Revision	

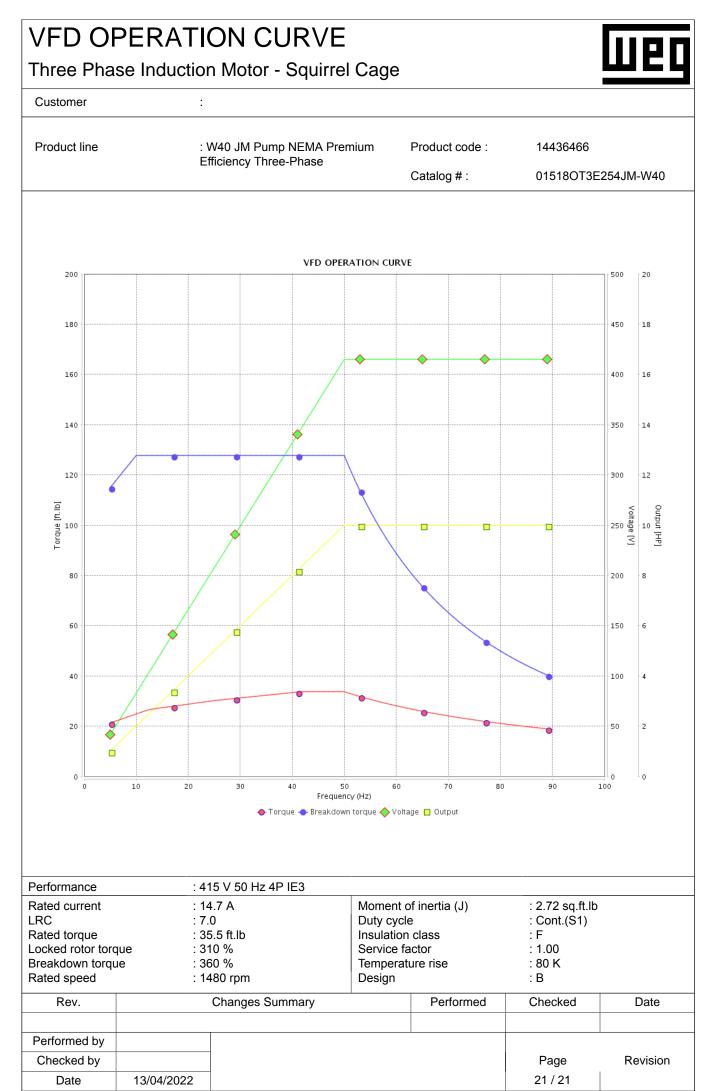
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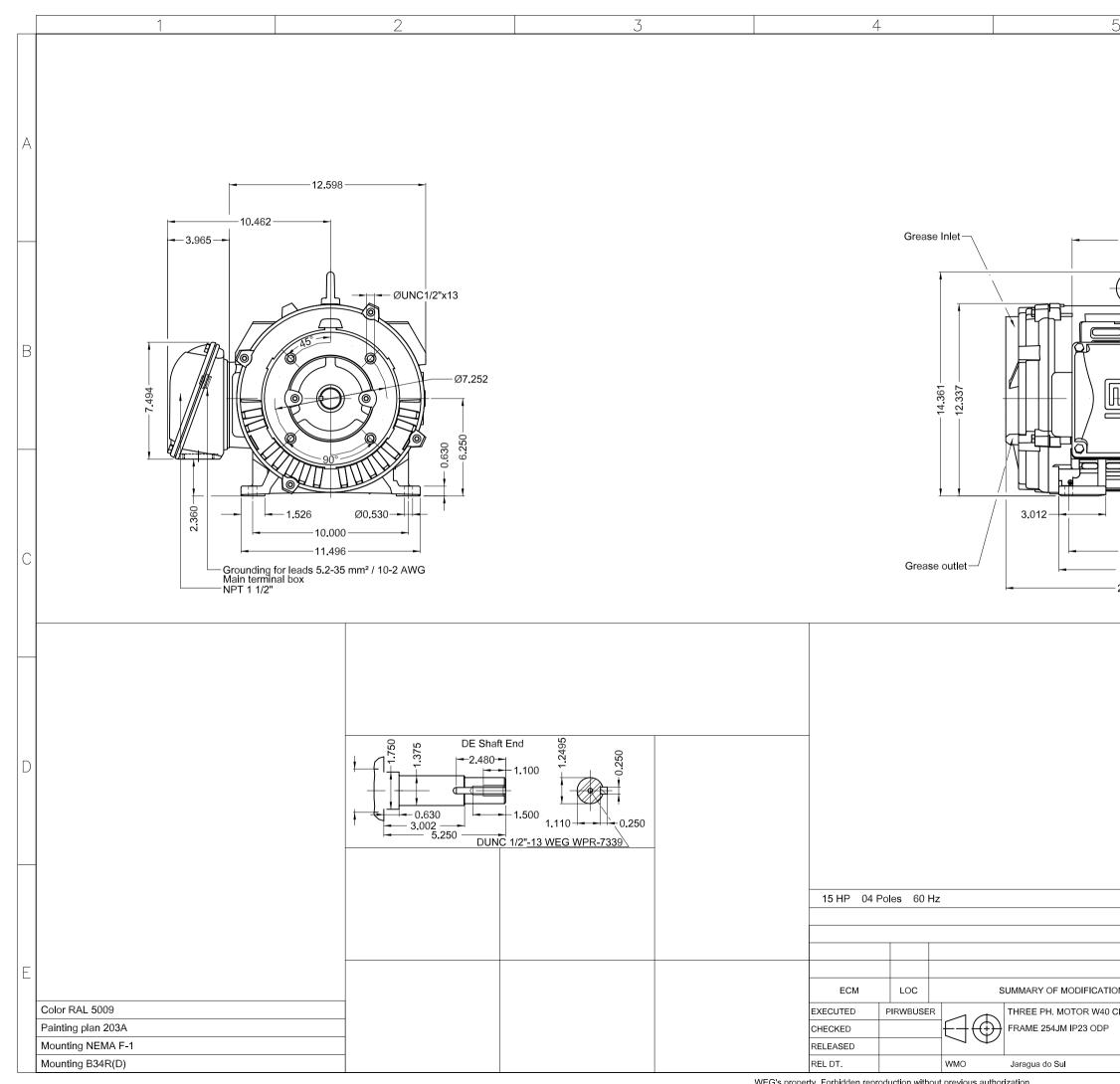












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5			6			
9.10 -7.813 -7.813 -7.813 -0.628 -8.250 -9.507 -22.517		0.250	ease Inlet			
						Dimensions in inches
					A	
	1			1:6		
	EXECUTED	CHECKED	RELEASED	DATE	VER	
CLOSE COUPLED PUN	1P JM TYPE F		EW	ШВ	╔	A3
D			1 / 4	шС		XME
Product Er	ngineering	SHEET	1 / 1			X

