DATA SHEET

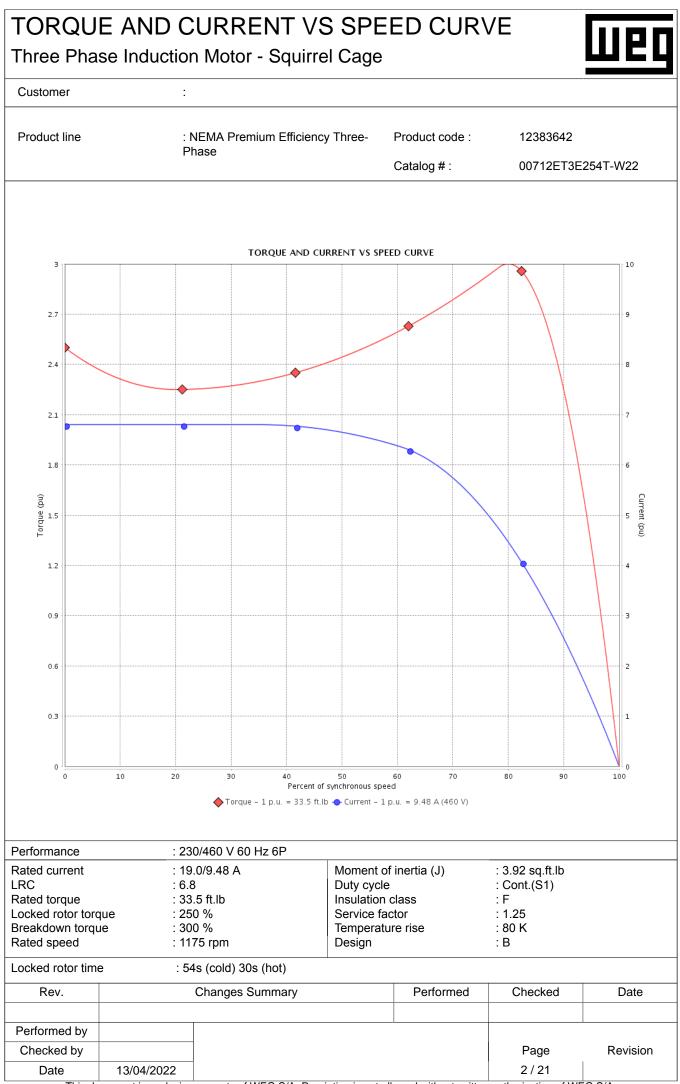
Three Phase Induction Motor - Squirrel Cage

:



Customer

	ee \] \] M] Jue [%]	Phase : 254/6T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B 7.5 6 6 60 230/460 19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63 0.74	48s (0	Cooling meth Mounting Rotation ¹ Starting meth Approx. weig Moment of in 7.5 6 50 380 11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	nod Jht³	: IC411 : F-1 : Both (: Direct : 296 lb : 3.92 s 5 5 0 0 8 6 0 0 8 6 0 0 5 0 0 0 6 0 0 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5	
Insulation class Duty cycle Ambient tempera Altitude Protection degre Design Output [HP] Poles Frequency [H2] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type Notes	ee [] [] [] [] [] [] [] [] [] []	: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B 7.5 6 6 60 230/460 19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 9 91.0 0.63	48s (0	Mounting Rotation ¹ Starting meth Approx. weig Moment of in 7.5 6 50 380 11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	nod ht ³ hertia (J) 7.5 6 6 500 400 10. 62. 5.8x(Co 4.7 970 3.0 40. 200 240 240 1.1 105 48s (cold) 57.0 d 89. 89.	: F-1 : Both (: Direct : 296 lb : 3.92 s 5 	CW and CCW) COn Line sq.ft.lb 7.5 6 50 415 10.5 65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	6 60 230/460 19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63	48s (0	6 50 380 11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	6 500 400 10. 62. 5.8x(Co 4.7 970 3.0 40. 200 240 240 244 1.1 105 48s (cold) 57.0 d 89. 89.	0 0 8 6 0 0 5 0 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5	6 50 415 10.5 65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	60 230/460 19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 	48s (0	6 50 380 11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	500 400 10. 62. 5.8x(Co 4.7 970 3.0 40. 200 240 240 240 240 240 240 240 257.0 d 57.0 d	0 8 6 ode G) 75 0 10 6 0 0 5 6 27s (hot) 18(A) 5 5 5 5 5 5 5 5 5 5 5	50 415 10.5 65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	230/460 19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 	48s (0	380 11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	400 10. 62. 5.8x(Co 4.7 970 3.0 40. 200 240 240 240 240 240 240 57.0 d 57.0 d 89. 89.	0 8 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	415 10.5 65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Rated current [A] L. R. Amperes [A] LRC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication intern Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	19.0/9.48 129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63	48s (0	11.4 59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	10. 62. 5.8x(Co 4.7 97(3.0 40. 20(24(1.1 105 48s (cold) 57.0 d 89. 89.	8 6 ode G) 75 0 00 6 0 5 6 K 27s (hot) B(A) 5 5 5 5 5 5	10.5 65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
R. Amperes [A] RC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb ocked rotor torqu Breakdown torque Service factor Temperature rise ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	129/64.5 6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63	48s (0	59.3 2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	62. 5.8x(Co 4.7 97(3.0 40. 20(24(1.1 105 48s (cold) 57.0 d 89. 89.	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	65.1 6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
_RC [A] No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb _ocked rotor torque Breakdown torque Service factor Temperature rise _ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication intern Lubricant amour Lubricant type Notes	N] M] Je [%] ⇒ [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	6.8x(Code H) 9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63	48s (0	2x(Code F) 4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	5.8x(Co 4.7 97(3.0 40. 20(24(1.1 105 48s (cold) 57.0 d 89. 89.	ode G) 5 0 0 6 0 0 5 K 27s (hot) B(A) 5 5 5 5 5 5 5 5 5 5 5 5 5	6.2x(Code G) 4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
No load current [A Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication intern Lubricant amour Lubricant type Notes	Image: Margin of Margin	9.00/4.50 1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63	48s (0	4.50 970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	4.7 97(3.0 40. 20(24(1.1 105 48s (cold) 57.0 d 89. 89.	5 0 0 6 6 0 0 5 5 5 5 5 5 5 5	4.95 975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Rated speed [RPN Slip [%] Rated torque [ft.lb Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication intern Lubricant amour Lubricant type Notes	Image: Margin of Margin	1175 2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		970 3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	97(3.0 40. 200 24(1.1 105 48s (cold) 57.0 d 89. 89.	0 0 0 6 0 0 5 K 27s (hot) B(A) 5 5 5	975 2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Slip [%] Rated torque [ft.lb Jocked rotor torque Breakdown torque Breakdown torque Service factor Femperature rise Jocked rotor time Jocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes] Je [%] e [%] 25% 50% 75% 100% 25% 50%	2.08 33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		3.00 40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	3.0 40. 200 240 1.1 105 48s (cold) 57.0 d 89. 89.	00 6 0 0 5 K 27s (hot) B(A) 5 5 5	2.50 40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Slip [%] Rated torque [ft.lb Jocked rotor torque Breakdown torque Breakdown torque Service factor Femperature rise Jocked rotor time Jocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes] Je [%] e [%] 25% 50% 75% 100% 25% 50%	33.5 250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		40.6 170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	40. 200 244 1.1 105 48s (cold) 57.0 d 89. 89.	6 0 0 0 5 5 5 6 K 27s (hot) B(A) 5 5 5 5 5 6 5 6 6 6 6 6 7 5 7 5 6 7 5 7 5	40.4 220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Rated torque [ft.lb ocked rotor torque Breakdown torque Service factor Temperature rise ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes	Le [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	250 300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		170 220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	200 24(1.1 105 48s (cold) 57.0 d 89. 89.	0 0 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	220 260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	Le [%] ⇒ [%] 25% 50% 75% 100% 25% 50%	300 1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	244 1.1 105 48s (cold) 57.0 d 89. 89.	0 5 5 K 27s (hot) B(A) 5 5 5	260 1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	25% 50% 75% 100% 25% 50%	1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		220 1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 89.5 88.5	244 1.1 105 48s (cold) 57.0 d 89. 89.	0 5 5 K 27s (hot) B(A) 5 5 5	1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	25% 50% 75% 100% 25% 50%	1.25 80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		1.00 105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	1.1 105 48s (cold) 57.0 d 89. 89.	5 K 27s (hot) B(A) 5 5 5	1.15 80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	50% 75% 100% 25% 50%	80 K 54s (cold) 30s (hot) 59.0 dB(A) 89.5 90.2 91.0 0.63		105 K cold) 27s (hot) 7.0 dB(A) 89.5 89.5 88.5	105 48s (cold) 57.0 d 89. 89.	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	80 K 48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	50% 75% 100% 25% 50%	59.0 dB(A) 89.5 90.2 91.0 0.63		7.0 dB(A) 89.5 89.5 88.5	48s (cold) 57.0 d 89. 89.	27s (hot) B(A) 5 5	48s (cold) 27s (hot) 57.0 dB(A) 89.5 89.5
Voise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	50% 75% 100% 25% 50%	59.0 dB(A) 89.5 90.2 91.0 0.63		7.0 dB(A) 89.5 89.5 88.5	57.0 d 89. 89.	B(A)	57.0 dB(A) 89.5 89.5
Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	50% 75% 100% 25% 50%	89.5 90.2 91.0 0.63		89.5 89.5 88.5	89. 89.	.5 .5	89.5 89.5
Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	75% 100% 25% 50%	90.2 91.0 0.63		89.5 88.5	89.	.5	89.5
Power Factor Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes	75% 100% 25% 50%	90.2 91.0 0.63		89.5 88.5	89.	.5	89.5
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type Notes	100% 25% 50%	91.0 0.63		88.5			
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type Notes	25% 50%	0.63					
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type Notes	50%			0.70		1	
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type Notes			1	0.70	0.6	6	0.64
Sealing Lubrication interv Lubricant amoun Lubricant type Notes		0.7 -		0.79	0.7		0.75
Sealing Lubrication interv Lubricant amoun Lubricant type Notes	100%	0.80		0.83	0.8		0.81
Notes	Sealing:V'RingV'RingMax. compression:651 lbLubrication interval:20000 h20000 h:651 lbLubricant amount:13 g9 g::						
	' 21.0A SF 1.	<u>_</u>		1			
must be eliminate (1) Looking the m (2) Measured at 1	ed. notor from the 1m and with t weight subjec ocess.	ncel the previous one, where shaft end. tolerance of +3dB(A). tot to changes after	hich		•		sts with sinusoidal stipulated in NEMA
Rev.		Changes Summary	1	Р	Performed	Checked	Date
Performed by							
Checked by						Page	Revision
-							NEVISION
Date	13/04/202					1 / 21	1



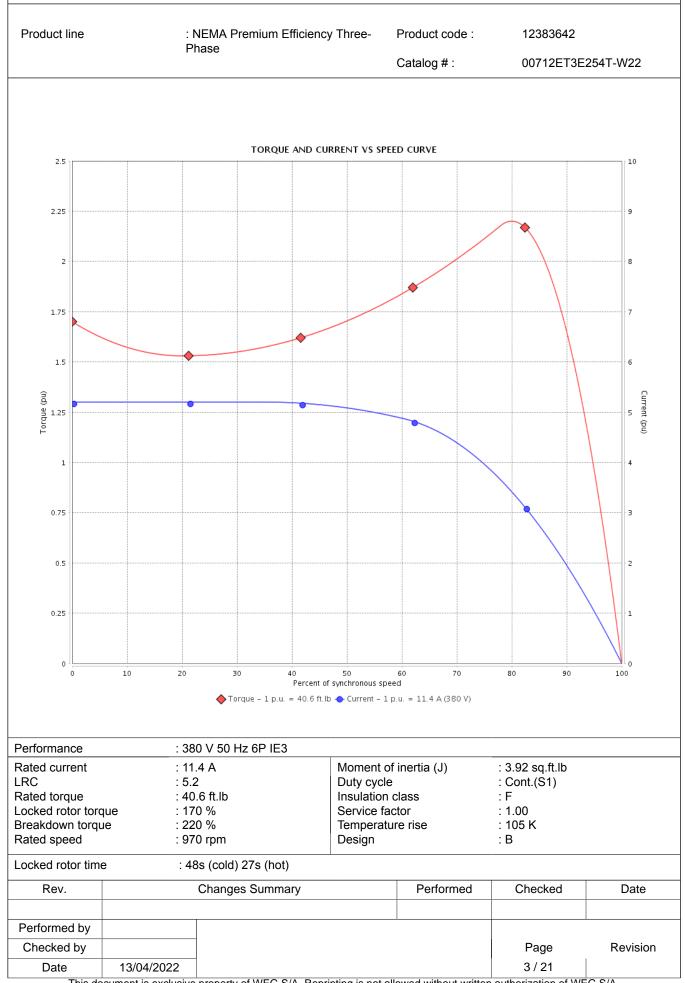
TORQUE AND CURRENT VS SPEED CURVE

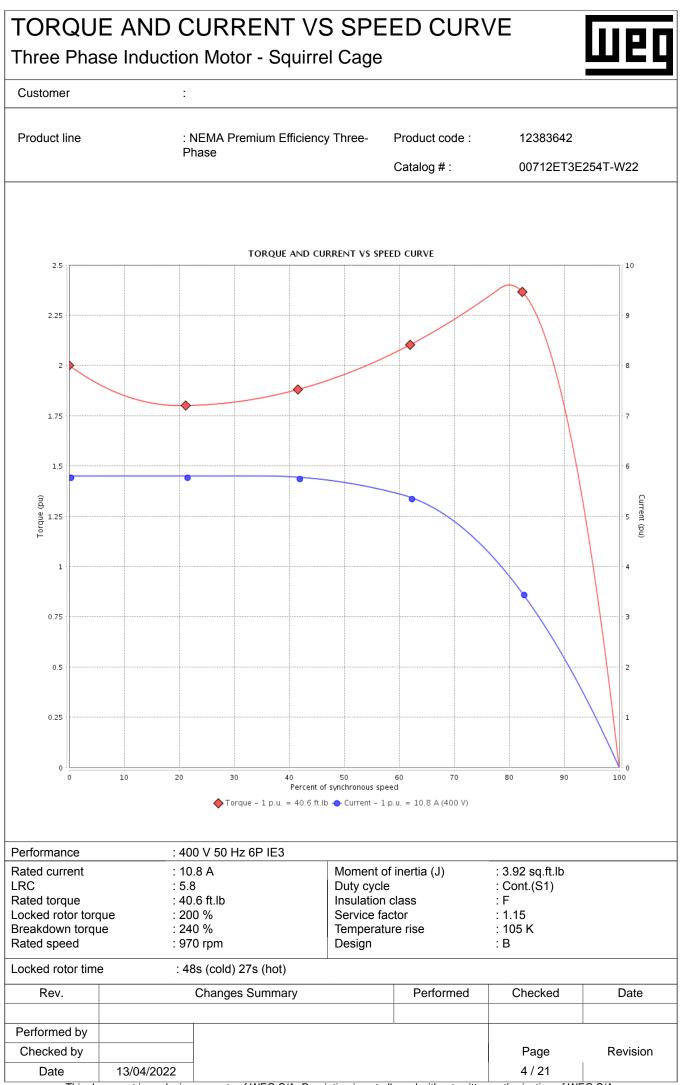
Three Phase Induction Motor - Squirrel Cage

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Customer





TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

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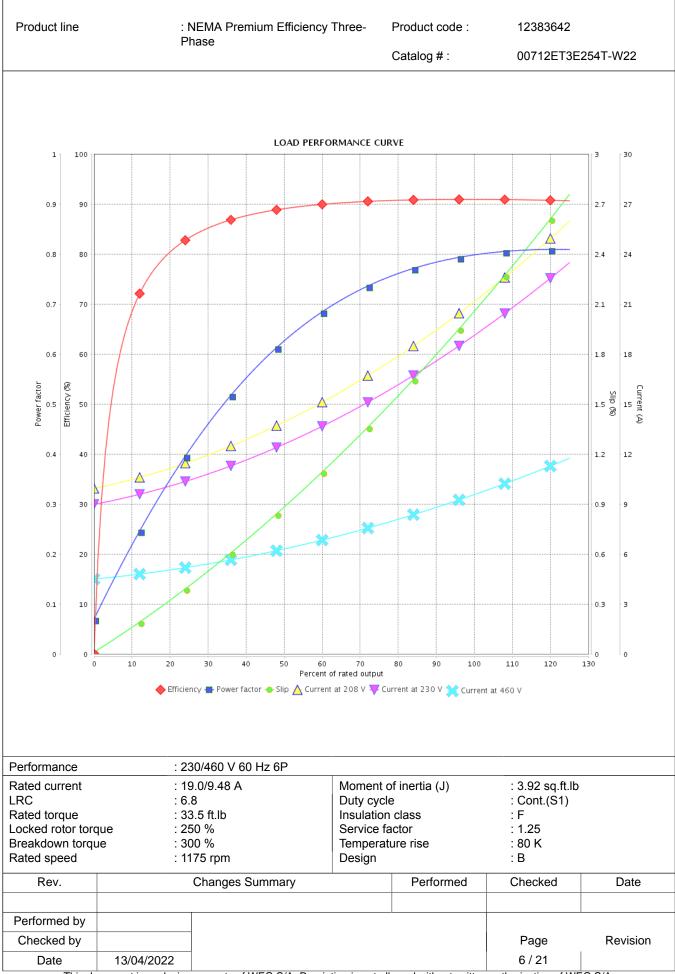
Product line		EMA Premium Efficiency Th	ree- Pr	oduct code :	12383642	
	Ph	ase	Ca	atalog # :	00712ET3E	254T-W22
		TORQUE AND CURREN	T VS SPEED	CURVE		
3						10
2.7						9
2.4						8
				•		
2.1						
2.1						,
	•					
1.8				•		6
(n)						Ê
(nd) 9 1.5 0 L						Current (pu)
Ê						ů,
1.2						4
					\	
0.9						3
					\mathbf{X}	
0.6						2
0.3						1
0						
0	10 20	30 40 50 Percent of synchr	60 ronous speed	70	80 90	100
		🔶 Torque – 1 p.u. = 40.4 ft.lb 🔷 C	urrent – 1 p.u.	= 10.5 A (415 V)		
erformance	: 415	5 V 50 Hz 6P IE3				
ated current RC	: 10. : 6.2		oment of in ity cycle	ertia (J)	: 3.92 sq.ft.lb : Cont.(S1)	
ated torque		4 ft.lb Ins	sulation cla		: F	
ocked rotor torqu reakdown torque			rvice facto mperature		: 1.15 : 80 K	
ated speed			sign		: B	
ocked rotor time	: 48	s (cold) 27s (hot)				
Rev.		Changes Summary		Performed	Checked	Date
Performed by					Dogo	Revision
Checked by					Page	Revision

Three Phase Induction Motor - Squirrel Cage

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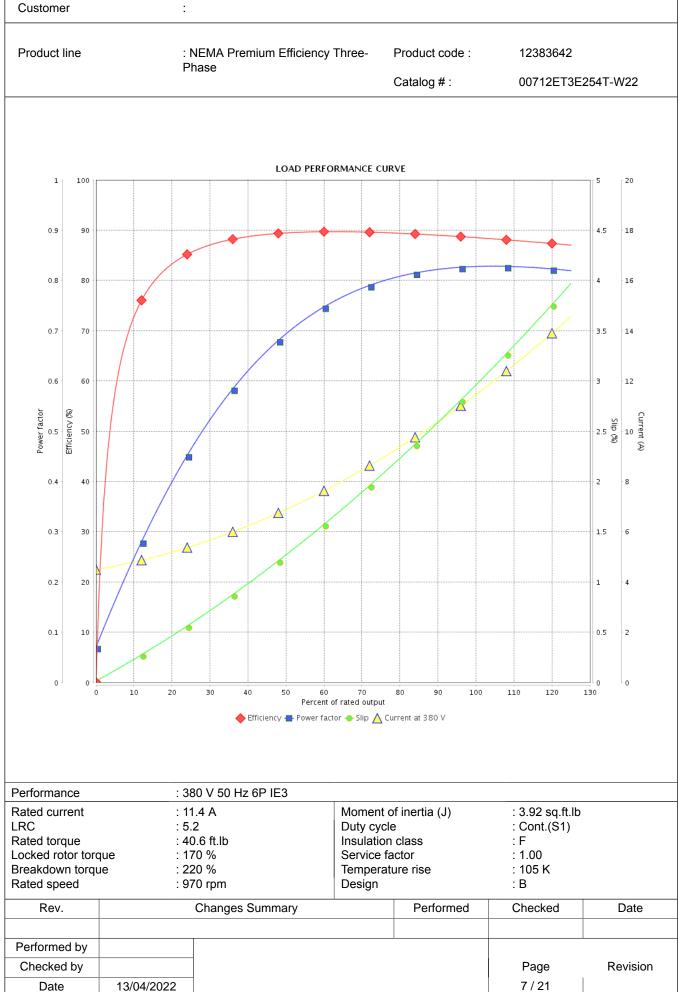


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Three Phase Induction Motor - Squirrel Cage

Customer



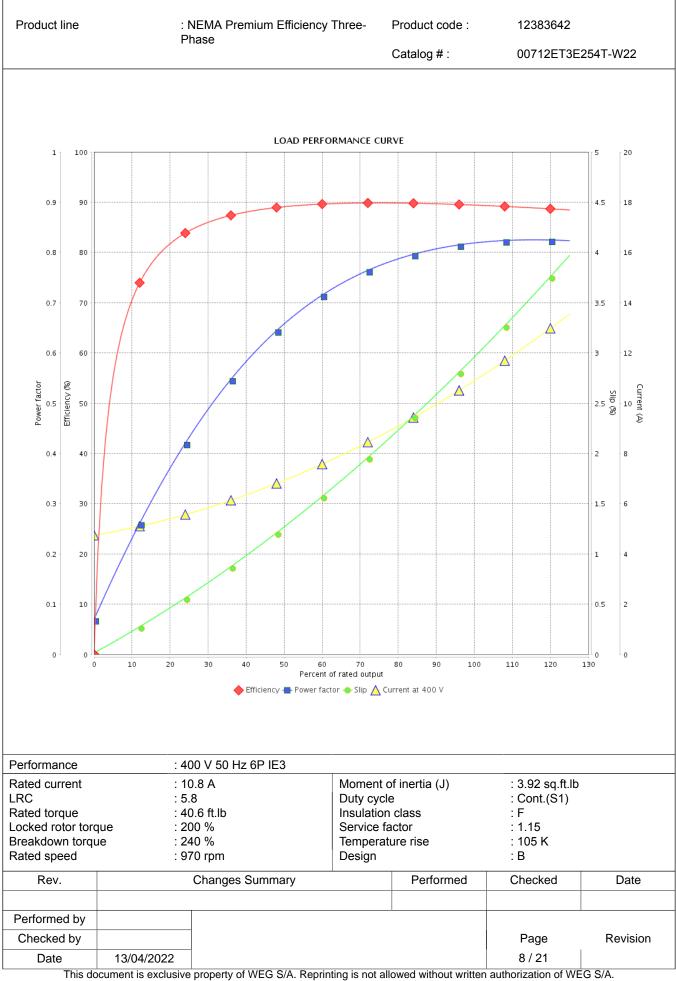
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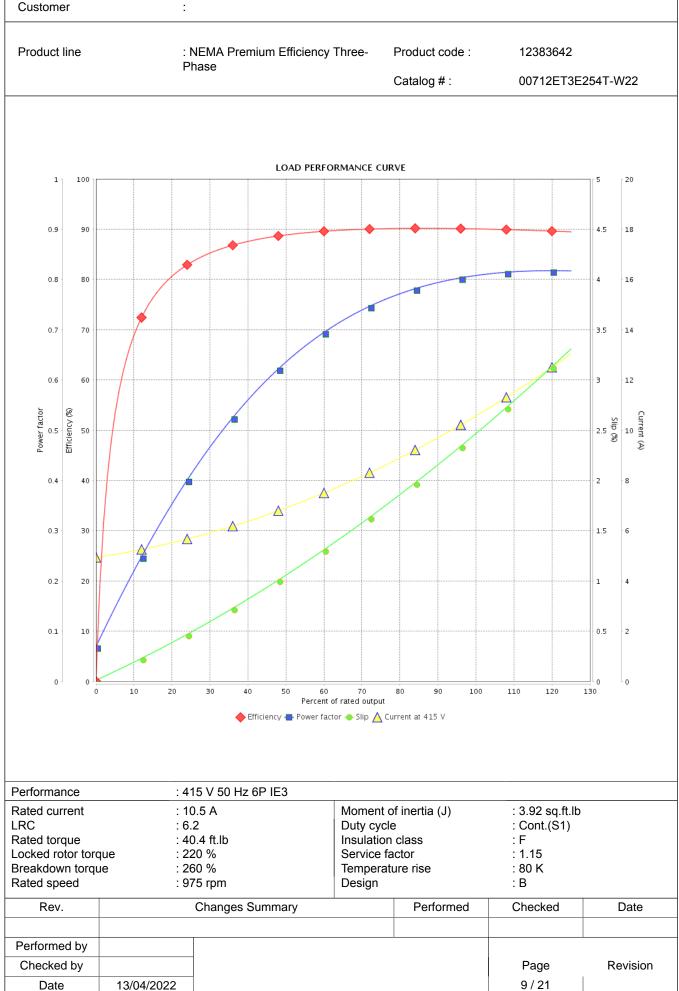


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Three Phase Induction Motor - Squirrel Cage

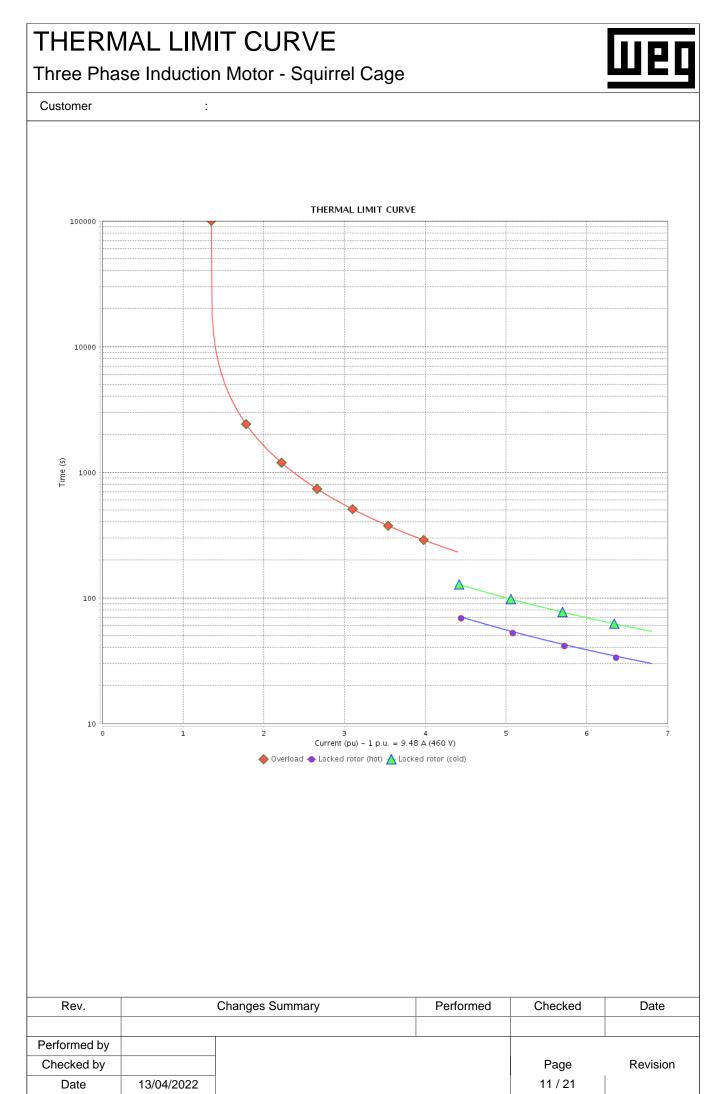
Customer



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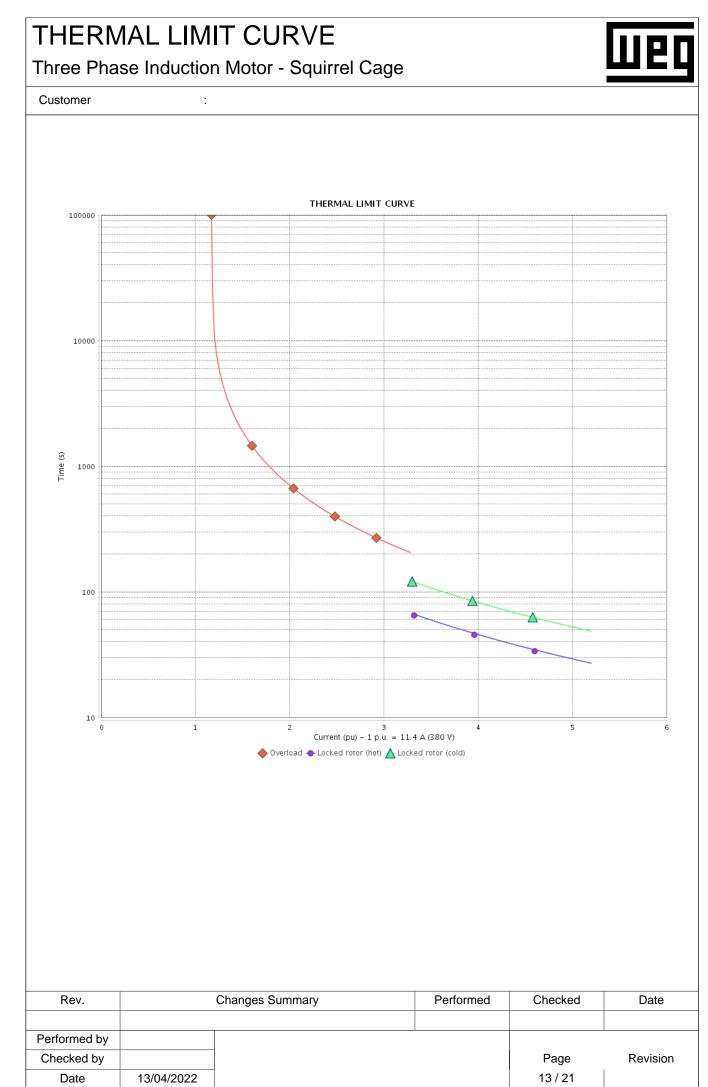
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12383642
	Phase	Catalog # :	00712ET3E254T-W22

Performance	: 2	230/460 V 60 Hz 6P				
Rated current	: '	19.0/9.48 A	Moment o	Moment of inertia (J) : 3.92 sq.ft.lb		
LRC	: 6	5.8	Duty cycle		: Cont.(S1)	
Rated torque	: 3	33.5 ft.lb	Insulation	class	: F	
Locked rotor toro	que :2	250 %	Service fa	ctor	: 1.25	
Breakdown torqu	ie :3	300 %	Temperate	ure rise	: 80 K	
Rated speed	: 1	1175 rpm	Design		: B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				10/21	



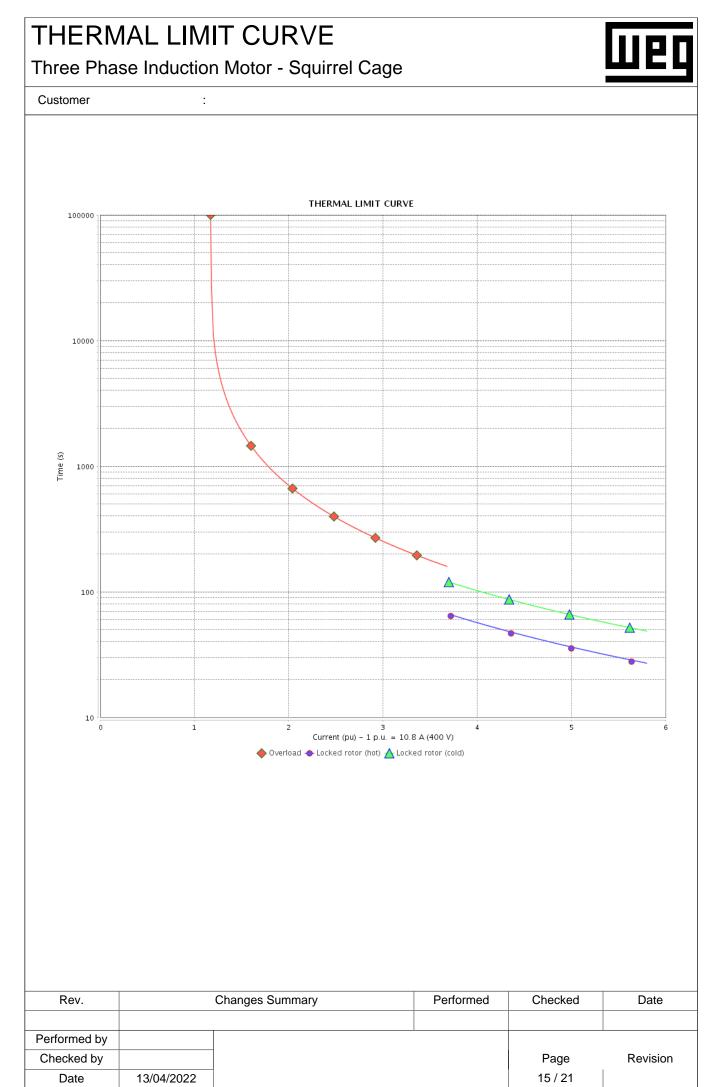
Customer	duction Motor - Squirrel Cage		
Product line	: NEMA Premium Efficiency Three-	Product code :	12383642
	Phase	Catalog # :	00712ET3E254T-W22

Performance	: 3	80 V 50 Hz 6P IE3				
Rated current: 11.4 ALRC: 5.2Rated torque: 40.6 ft.lbLocked rotor torque: 170 %Breakdown torque: 220 %Rated speed: 970 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 3.92 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B		
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	13/04/2022				12/21	



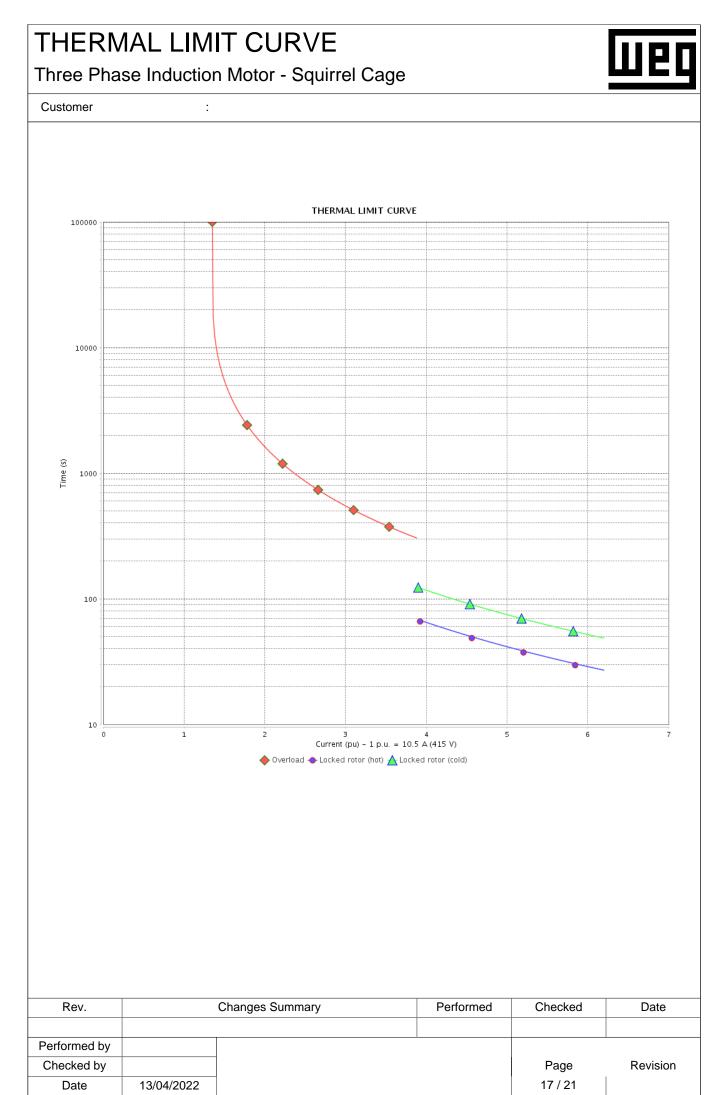
: NEMA Premium Efficiency Three-	Product code :	12383642
Flidse	Catalog # :	00712ET3E254T-W22
	: NEMA Premium Efficiency Three- Phase	Phase

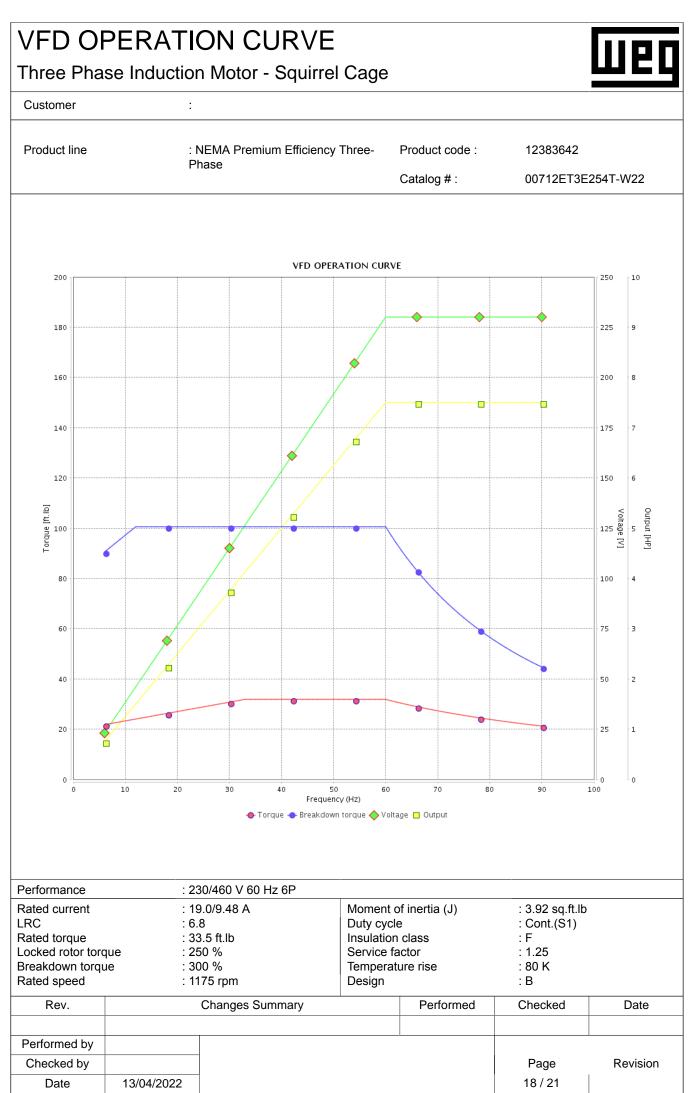
Performance	: 40	00 V 50 Hz 6P IE3				
Rated current LRC	: 1(: 5.	0.8 A Moment of 8 Duty cycle		()	: 3.92 sq.ft.lb : Cont.(S1)	
Rated torque	: 40	0.6 ft.lb			Insulation class : F	
Locked rotor tore	jue : 20	: 200 % Service factor		Service factor : 1.15		
Breakdown torqu	ie : 24	0 % Temperature rise		: 105 K		
Rated speed	: 97	70 rpm	Design		: B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				14 / 21	



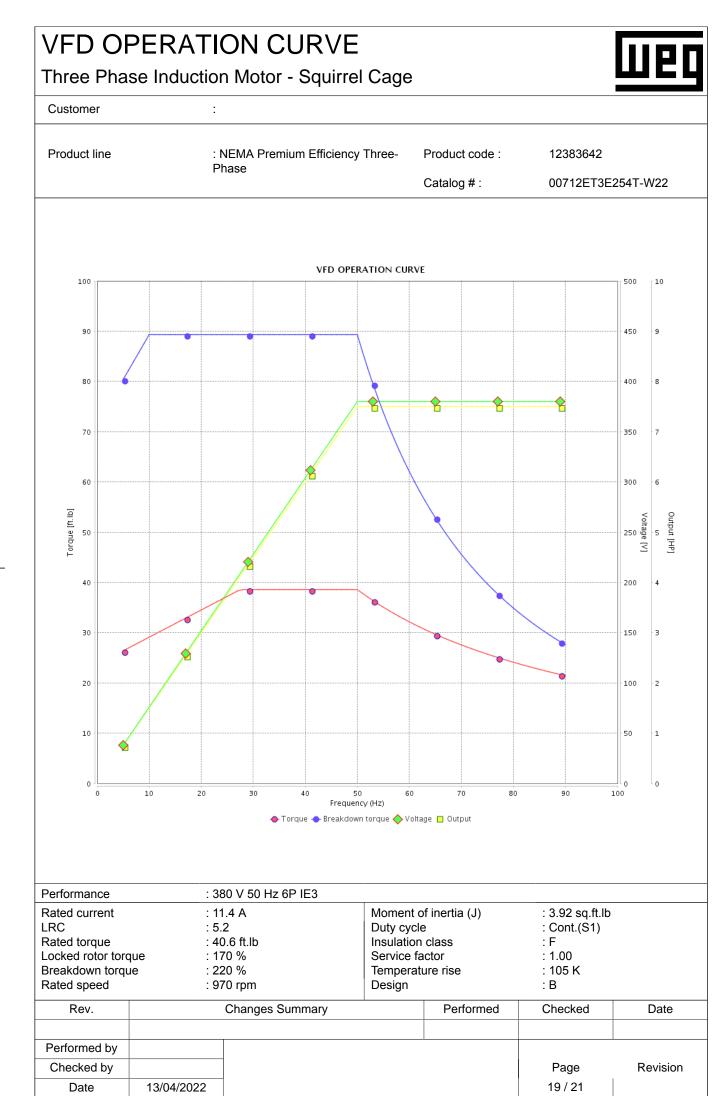
	uction Motor - Squirrel Cage	9	ШЕ
Customer	:		
Product line	: NEMA Premium Efficiency Three-	Product code :	12383642
	Phase	Catalog # :	00712ET3E254T-W22

Performance	: 4	15 V 50 Hz 6P IE3				
Rated current: 10.5 ALRC: 6.2Rated torque: 40.4 ft.lbLocked rotor torque: 220 %Breakdown torque: 260 %Rated speed: 975 rpm		5.2 10.4 ft.lb 220 % 260 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 3.92 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.	Rev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			16/21	

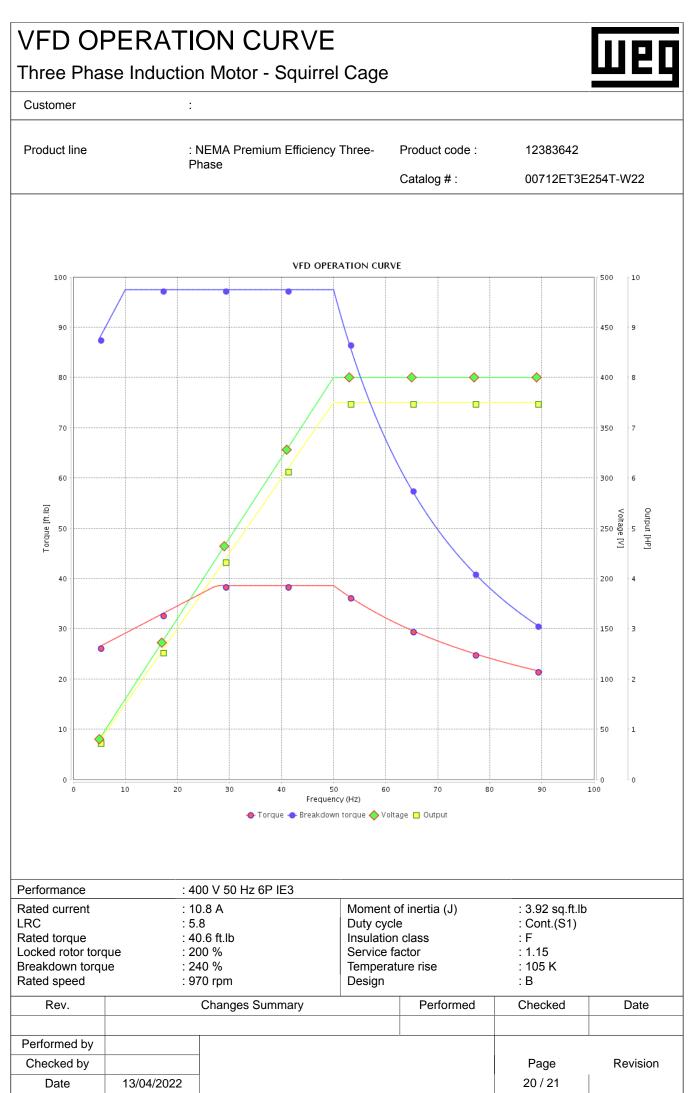




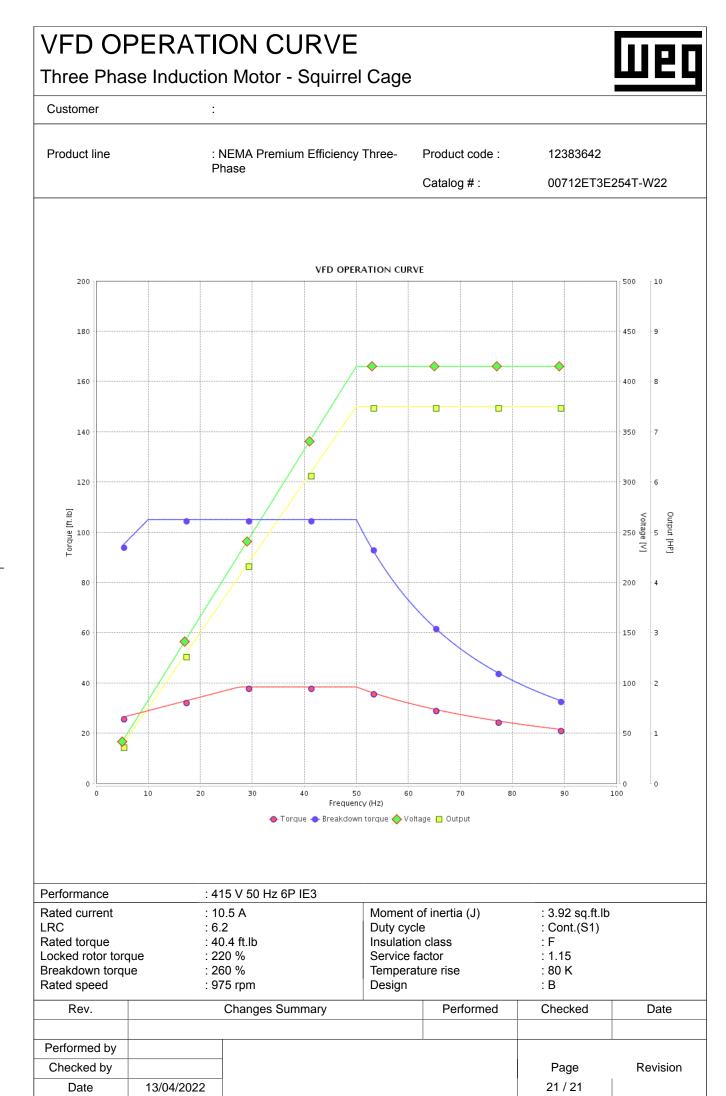
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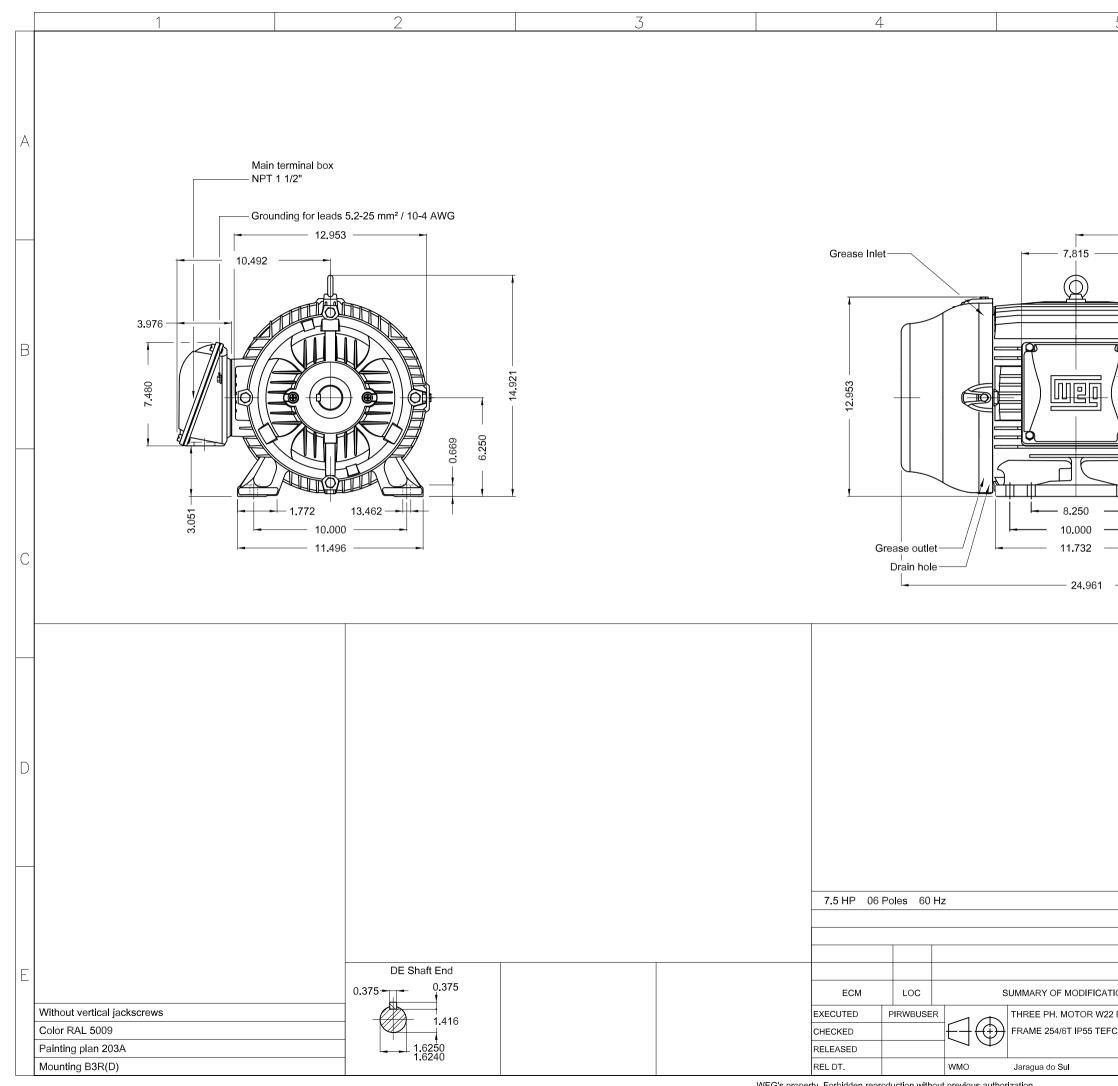
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		Drain hole				
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IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
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