# DATA SHEET

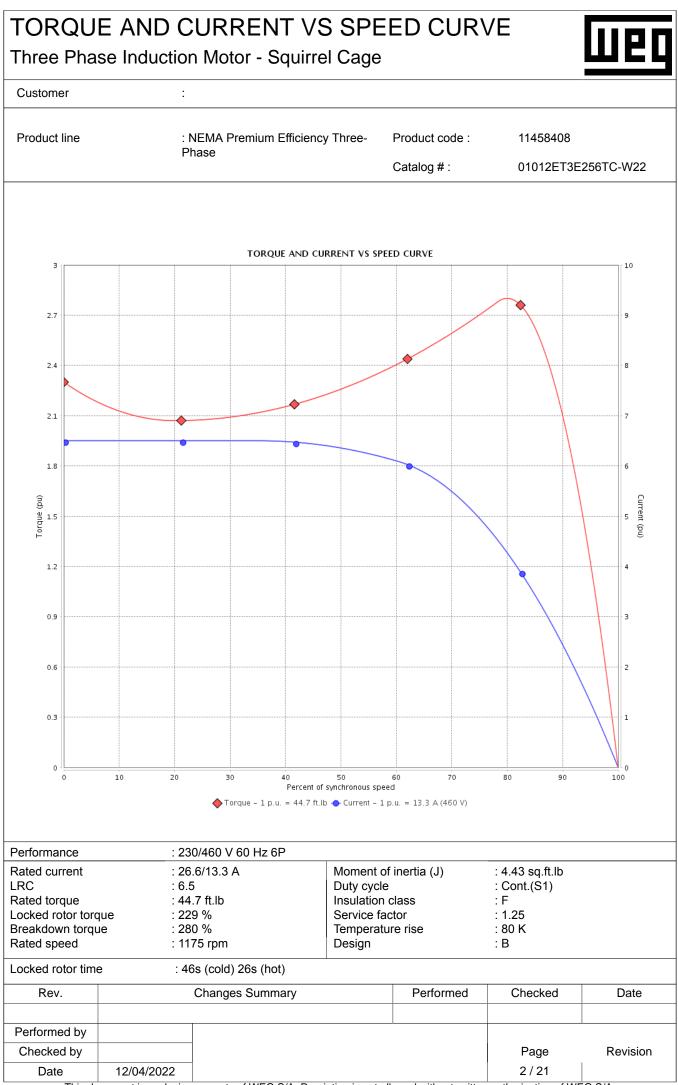
Three Phase Induction Motor - Squirrel Cage

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#### Customer

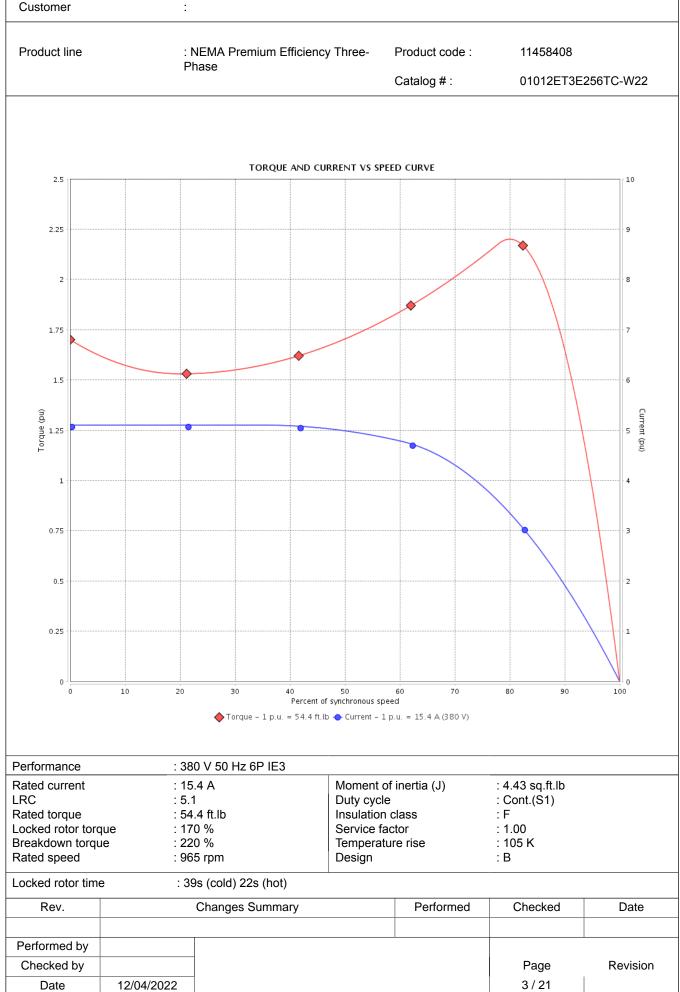
Frame   : 254/6TC     Insulation class   : F     Duty cycle   : Cont.(S1)     Ambient temperature   : -20°C to +40°C     Altitude   : 1000 m.a.s.l.     Protection degree   : IP55     Design   : B     Output [HP]   10     10   10     10   10     10   10     Protection degree   : B     Output [HP]   10     10   10     10   10     10   10     10   10     11   10     12   60     50   50     50   50     7   230/460     380   400     415     Rated current [A]   26.6/13.3    R. Amperes [A]   173/86.5    R. Amperes [A]   173/86.5    R. Amperes [A]   12.0/6.00     0   6.40   6.80      7.20     No load current [A]   12.0/6.00   6.40	Product line		: NEMA Premium Effi Phase	ciency T	hree- P	roduct code :	1145840	08
Insulation class     : F     Mounting     : F-1     Cont (S1)     Relation*     : Both (CW and CCW)       Ambient temperature     : 20°C to +40°C     Approx.weight     : 30° Ib     Direct On Line     Direct On Line       Protection degree     :: IP55     Moment of inertia (J)     : 4.43 sq.ft.lb     Direct On Line       Dutput [HP]     10     10     10     10     10       Protection degree     6     6     6     6     6       Grequency [Hz]     60     50     50     50       Stated vorting [M]     120/400     380     400     418       Atted current [A]     226/413.3     154     41.4     8       RC [A]     6.5x/Code H)     5.1X/Code F)     5.7X/Code G     6.1X/Code H)     5.1X/Code F)       Stated speed [RPM]     1175     965     970     975     319       Stated speed [RPM]     125     100     1.15     1.15     5.7X/Code G)     6.7X/Code H)     5.7X/Code H)     5.7X/Code H)     5.7X/Code H)     5.7X/Code H)     5.7X/Code H)     5.7X/Code H) <td></td> <td></td> <td>i nuoc</td> <td></td> <td>С</td> <td>atalog # :</td> <td>01012E</td> <td>T3E256TC-W22</td>			i nuoc		С	atalog # :	01012E	T3E256TC-W22
Ordes     6     6     6     6     6     6     6     6       Terguency [Hz]     60     50     50     50     50       Stated voltage [V]     230/460     380     400     415       Caled current [A]     26.6/13.3     15.4     14.8     14.4       R. Amperes [A]     173/96.5     778.5     54.4     87.8       No load current [A]     12.0/6.0     6.40     6.80     7.20       Rated speed [RPM]     1175     965     970     975       Sing [%]     2.08     3.50     3.00     2.50       Stated forque [%]     229     170     200     220       Stated rorque [%]     280     220     240     260       State drorque [%]     280     220     240     250       State drorque [%]     280     220     240     260       State drorque [%]     280     220     240     260       State drord time     468 (cold) 26 (hot)     395 (cold) 22 (hot)     39 (cold (22 (hot)	Insulation class Duty cycle Ambient tempera Altitude Protection degre		: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55		Mounting Rotation <sup>1</sup> Starting n Approx. v	nethod veight <sup>3</sup>	: F-1 : Both (0 : Direct : 307 lb	CW and CCW) On Line
Ordes     6     6     6     6     6     6     6     6       Terguency [Hz]     60     50     50     50     50       Stated voltage [V]     230/460     380     400     415       Caled current [A]     26.6/13.3     15.4     14.8     14.4       R. Amperes [A]     173/96.5     778.5     54.4     87.8       No load current [A]     12.0/6.0     6.40     6.80     7.20       Rated speed [RPM]     1175     965     970     975       Sing [%]     2.08     3.50     3.00     2.50       Stated forque [%]     229     170     200     220       Stated rorque [%]     280     220     240     260       State drorque [%]     280     220     240     250       State drorque [%]     280     220     240     260       State drorque [%]     280     220     240     260       State drord time     468 (cold) 26 (hot)     395 (cold) 22 (hot)     39 (cold (22 (hot)	Output [HP]		10		10	1	0	10
Parted voltage [V]     230/460     380     400     415       Pated current [A]     26.6/13.3     15.4     14.8     114.4       .R. Amperers [A]     17366.5     78.5     84.4     67.8       .R. C [A]     6.5x(Code H)     5.1x(Code F)     5.7x(Code G)     6.1x(Code H)       No load current [A]     12.0/6.00     6.40     6.80     7.20       Predetate torque [RPM]     1175     965     970     975       Silp [%]     2.08     3.50     3.00     2.50       Pated torque [%]     2.29     1770     200     220       Pated torque [%]     2.80     2.20     240     260       Service factor     1.25     1.00     1.15     1.15       Emperature rise     80 K     105 K     80 K     220     240     228 (hot)       Service factor     1.25     1.00     1.15     1.15     1.15       Efficiency (%)     50%     90.2     90.2     90.2     90.2     90.2     90.2     90.2     90.2     9	Poles		-		-		-	
Stated vorticity     230/460     380     400     415       Stated vorticity     286/13.3     15.4     14.8     14.4      R. Amperes [A]     173/86.5     78.5     84.4     87.8      R.C [A]     6.5x(Code H)     5.tx(Code G)     6.tx(Code H)     0.6.40     6.80     7.20       No load current [A]     12.0(6.00     6.40     6.80     7.20     975       Silp [%]     2.08     3.50     3.00     2.50     78.5     98.4     53.9       Stated speed [RPM]     117.5     965     970     975     51     60.5     72.0       State dormer (Itib)     44.7     54.4     54.1     53.9     53.6     30.00     2.20     78.6     70.0     20.0     220     78.6     10.5 K     80.K     10.6     10.6     10.6     10.6     10.6     10.6     10.6     10.6     10.6     10.6     10.6	Frequency [Hz]				50	5	0	50
R. Amperes [A]     173/86.5     78.5     84.4     87.8      RC [A]     6.5X(Code H)     5.1x(Code F)     5.7X(Code G)     6.1x(Code H)       No load current [A]     12.0/6.00     6.40     6.80     7.20       Rated speed [RPM]     1175     965     970     975       Sing [%]     2.08     3.50     3.00     2.50       Stated forque [ft.b]     44.7     55.4     55.4     55.3       ocked rotor torque [%]     229     170     200     220       Stated forque [ft.b]     44.7     55.4     65.4     56.4       Cecker otror torque [%]     280     220     240     220       State forque [%]     280     220     240     260       Erficiency [%]     25%     105 K     105 K     390 cold) 22 (hot)     395 (cold) 22 (hot)     395 (cold) 22 (hot)       Efficiency (%)     25%     90.2     90.2     90.2     90.2     90.2       Power Factor     25%     0.63     0.66     0.63     0.60     0.63     0.60	Rated voltage [V]							
RC [A]     6.5x(Code H)     5.1x(Code F)     5.7x(Code G)     6.1x(Code H)       No load current [A]     12.0%.00     6.40     6.80     7.20       Stated speed [RPM]     1175     965     970     975       Silp [%]     2.08     3.50     3.00     2.50       Stated torgue [ft.b]     44.7     54.4     54.1     55.9       .ocked rotor torque [%]     2280     220     240     260       Service factor     1.25     1.00     1.15     1.15     1.15       Ierry Envices     80 K     105 K     1005 K     100 K     80 K       Noise level*     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Efficiency (%)     25%     90.2     90.2     90.2     89.5     89.5       Power Factor     25%     91.0     89.5     90.2     90.2     89.5       Power Factor     50%     0.63     0.66     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77 </td <td>Rated current [A]</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Rated current [A]							
No load current [A]     12.0% 0.0     6.40     6.80     7.20       Rated speed [RPM]     1175     965     970     975       Silp (%)     2.08     3.60     3.00     2.50       Stated torque [1b]     44.7     54.4     54.1     55.9       Cocker door torque [%]     229     170     200     220       Breakdown torque [%]     280     220     240     286       Dervice factor     1.25     1.00     1.15     1.15       Emperature rise     80 K     105 K     105 K     80 K       Noise level*     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Voise level*     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Efficiency (%)     25%     91.0     89.5     90.2     90.2     89.5       Power Factor     25%     0.73     0.83     0.68     0.63     0.60       Toto%     91.0     89.1     89.5     89.5     89.5     89.5       Stealing     VrRing <td>L. R. Amperes [A]</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	L. R. Amperes [A]							
Rated speed [RPM]     1175     965     970     975       Slip [%]     2.08     3.50     3.00     2.50       Sated torque [ft.lb]     44.7     54.4     54.1     53.9       Jackdor torque [%]     229     170     200     220       Service factor     1.25     1.00     1.15     1.15       Temperature rise     80 K     105 K     105 K     80 K       Cocked rotr time     466 (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       Cocked rotr time     466 (cold) 26s (hot)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Cocked rotr time     466 (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       Cocked rotr time     466 (cold) 26s (hot)     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Cocked rotr time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       Cocked rotr time     25%     90.2     90.2     90.2       Fourty     75%     0.10     89.5     89.5	LRC [A]			5.1				·
Slip [%]     2.08     3.50     3.00     2.50       Rated forque [K]     44.7     54.4     54.1     63.9       cocked rotor torque [%]     220     170     200     220       Breakdown torque [%]     220     240     220     240     220       Service factor     1.25     1.00     1.15     1.15     1.15       Temperature rise     80 K     105 K     105 K     80 K     280       oxise level?     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Sig (cold) 225 (hot)     395 (cold) 222 (hot)     395 (cold) 222 (hot)     395 (cold) 228 (hot)     395 (cold) 228 (hot)       Noise level?     25%     90.2     90.2     90.2     89.5       Efficiency (%)     50%     91.0     88.1     89.5     89.5       Power Factor     50%     0.66     0.63     0.79     0.77     0.75       100%     0.74     0.79     0.77     0.75     0.81     Max. traction     : 518 lb       Sealing								
Rated forque [ft.lb]     44.7     54.4     54.1     53.9       cocked rotor torque [%]     229     170     200     220       service factor     1.25     1.00     1.15     1.15       remperature rise     80 K     105 K     105 K     80 K       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       cocked rotor time     46s (cold) 26s (hot)     89.5     90.2     90.2     90.2       efficiency (%)     25%     91.0     89.5     90.2     90.2     89.5       Power Factor     25%     0.74     0.79     0.77     0.75		/I]						
cocked rotor torque [%]     229     170     200     220       3reakdown torque [%]     280     220     240     260       3reakdown torque [%]     280     220     240     260       Service factor     1.25     1.00     1.15     1.15       femperature rise     80 K     105 K     105 K     80 K       cocked rotor time     465 (cold) 25k (hot)     39s (cold) 22k (hot)     39s (cold) 22k (hot)       voise level?     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       25%     90.2     90.2     89.5     90.2     90.2       Power Factor     25%     90.2     90.2     89.5     89.5       25%     0.66     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     :     6309.6     629.62     34x. traction     : 518 lb       Lubrication interval     :     139.9     9 <td< td=""><td>Slip [%]</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Slip [%]							
Breakdown torque [%]     280     220     240     260       Service factor     1.25     1.00     1.15     1.15       Emperature rise     80 K     105 K     105 K     39s (cold) 22s (hot)     39s (col								
Service factor     1.25     1.00     1.15     1.15     1.15       Temperature rise     80 K     105 K     105 K     105 K     80 K     005 K								
Temperature rise     80 K     105 K     106 K     80 K       cocked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)     39s (cold) 22s (hot)       Noise level*     59.0 dB(A)     57.0 dB(A)     57.0 dB(A)     57.0 dB(A)       Efficiency (%)     25%     90.2     90.2     89.5       T7%     91.0     89.5     90.2     90.2       Power Factor     50%     0.63     0.66     0.63     0.60       T5%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     6309 C3     6209 C3     6209 C3     0.83     0.82     0.81       Lubrication interval     20000 h     20000 h     100%     0.78     0.83     0.82     0.81       Ubricant amount     13 g     9 g     Ubricant amount     13 g     9 d     Max. traction     518 lb       Ubricant type     Mobil Polyrex EM     Notes     S25 lb     Max. traction     1825 lb       USABLE @208V		e [%]						
Locked rotor time     46s (cold) 26s (hot)     39s (cold) 22s (hot)     39s (cold) 23s (hot)     30s (cold) 23s (hot)     30s (cold) 2								
Noise level*     59.0 dB(A)     57.0								
25%     90.2     0.66     0.63     0.60     0.63     0.60     0.63     0.60     0.63     0.60     0.63     0.62     0.63     0.62								
Efficiency (%)     50%     90.2     90.2     90.2     90.2     89.5       Power Factor     25%     91.0     89.5     90.2     80.5     5     80.5     5     80.5     5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5     80.5	Noise level <sup>2</sup>	050/	59.0 dB(A)	5	07.0 dB(A)	57.0	dB(A)	57.0 dB(A)
Efficiency (%)     75%     91.0     89.5     90.2     90.2       100%     91.0     89.1     88.5     89.5     89.5       Power Factor     50%     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     :     6309 C3     6209 C3     6209 C3     Max. traction     :     :518 lb       Sealing     :     V'Ring     V'Ring     VRing     Max. compression     :     825 lb       Lubrication interval     :     20000 h     2000 h     200 h			00.0		00.0			00 F
100%     91.0     89.5     90.2     90.2       100%     91.0     89.5     89.5     89.5       25%     -     -     -     -       50%     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     :     6309 C3     6209 C3     Max. traction     : 518 lb       Sealing     :     V'Ring     V'Ring     Max. compression     : 825 lb       Lubrication interval     :     20000 h     20000 h     20000 h     Max. traction     : 825 lb       Notes     USABLE @208V 28.5A SF 1.15 SFA 32.8A     Max. traction     : 825 lb     Max. traction interval     : 825 lb       Notes     WSABLE @208V 28.5A SF 1.15 SFA 32.8A     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).     :     were supply, subject to the tolerances stipulated in NEMA MG-1.       (3) Approximate weight subject to changes after manufacturing process.<	Efficiency (%)							
Power Factor     25%     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     :     6309 C3     6209 C3     Max. traction     : 518 lb       Sealing     :     V'Ring     V'Ring     Max. compression     : 825 lb       Lubrication interval     :     20000 h     20000 h     20000 h     : 825 lb       Notes     USABLE @208V 28.5A SF 1.15 SFA 32.8A     Mobil Polyrex EM     Max. compression     : 825 lb       Notes     USABLE @208V 28.5A SF 1.15 SFA 32.8A     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.     Event     Performed     Checked     Date       Performed by								
Power Factor     50%     0.63     0.66     0.63     0.60       75%     0.74     0.79     0.77     0.75       100%     0.78     0.83     0.82     0.81       Bearing type     :     6309 C3     6209 C3     Max. traction     :     518 lb       Sealing     :     VRing     VRing     Max. traction     :     518 lb       Lubrication interval     :     20000 h     20000 h     Max. compression     :     825 lb       Lubricant mount     :     13 g     9 g     Mobil Polyrex EM     Max. compression     :     825 lb       Notes     USABLE @208V 28.5A SF 1.15 SFA 32.8A     These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.     MG-1.       (3) Approximate weight subject to changes after manufacturing process.     (4) At 100% of full load.     Performed     Checked     Date       Performed by			91.0		8 <del>9</del> .1	89	0.D	89.5
Power Factor   75%   0.74   0.79   0.77   0.75     100%   0.78   0.83   0.82   0.81     Bearing type   :   6309 C3   6209 C3   Max. traction   : 518 lb     Sealing   :   VRing   VRing   VRing   Max. traction   : 518 lb     Lubrication interval   :   20000 h   20000 h   Max. compression   : 825 lb     Lubricant amount   :   13 g   9 g   Max. compression   : 825 lb     Notes   USABLE @208V 28.5A SF 1.15 SFA 32.8A   SFA 32.8A   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).   GA     (3) Approximate weight subject to changes after manufacturing process.   (4) At 100% of full load.   Performed   Checked   Date     Performed by	Power Factor		0.00		0.66		62	0.60
100%   0.78   0.83   0.82   0.81     Bearing type   :   6309 C3   6209 C3   Kaussen and the second and the seco								
Drive end Bearing type   Non drive end 6309 C3   Foundation loads Max. traction     Sealing   VRing 120000 h   VRing 20000 h   Max. compression   S25 lb     Lubrication interval   20000 h   20000 h   Max. compression   S25 lb     Lubricant amount   13 g   9 g   Max. compression   S25 lb     Notes   Mobil Polyrex EM   Notes   VRing   VRing     USABLE @208V 28.5A SF 1.15 SFA 32.8A   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								
Lubricant type   :   Mobil Polyrex EM     Notes USABLE @208V 28.5A SF 1.15 SFA 32.8A     This revision replaces and cancel the previous one, which must be eliminated.     (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   Checked     Performed by     Checked by   Page	Sealing Lubrication interv	val	Drive end     Non di       :     6309 C3     62       :     V'Ring     V       :     20000 h     20	09 C3 'Ring 000 h	Foundatio Max. tract	n loads ion	: 518 lb	
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   Page   Revision	Notes	28.5A SF 1.	· · · · · · · · · · · · · · · · · · ·	=M				
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.	e shaft end. olerance of +3dB(A).	hich	power sup			
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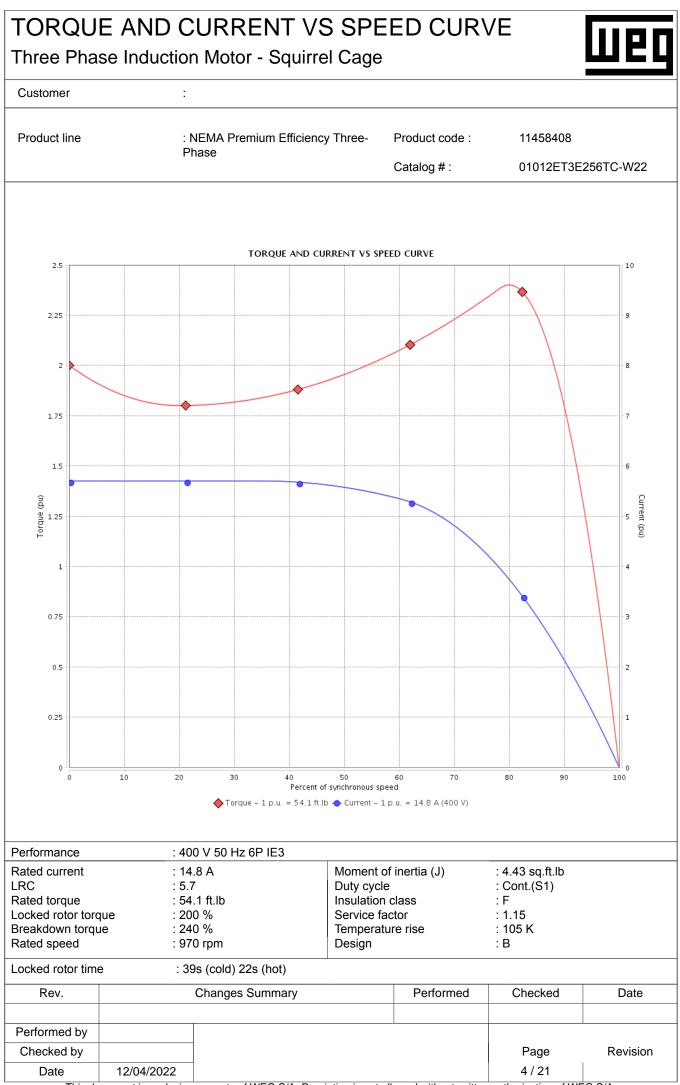
#### TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage





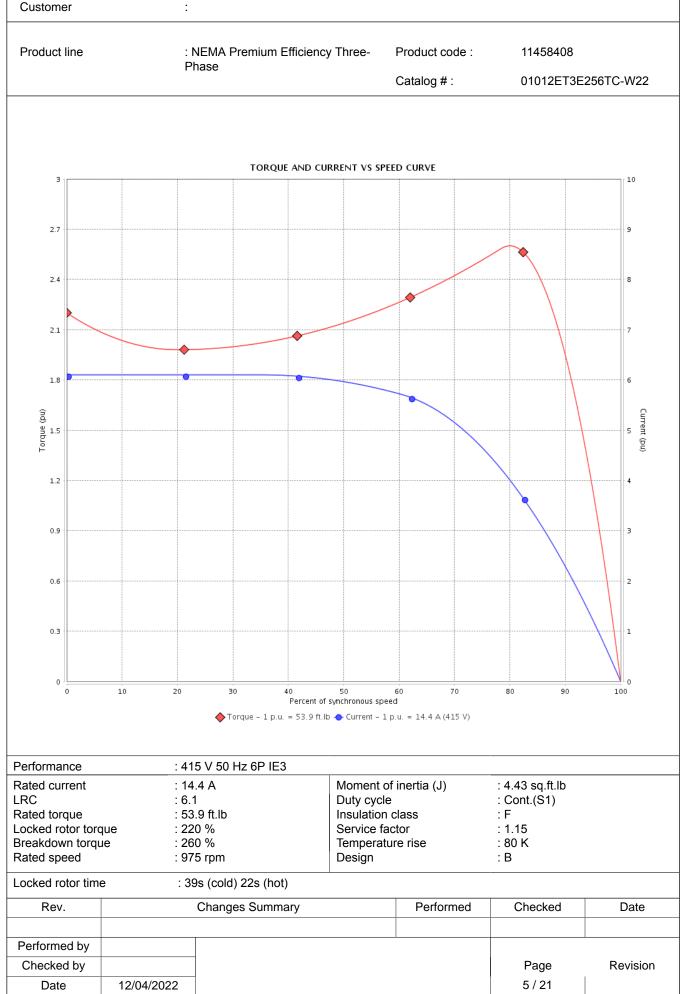
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#### TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage





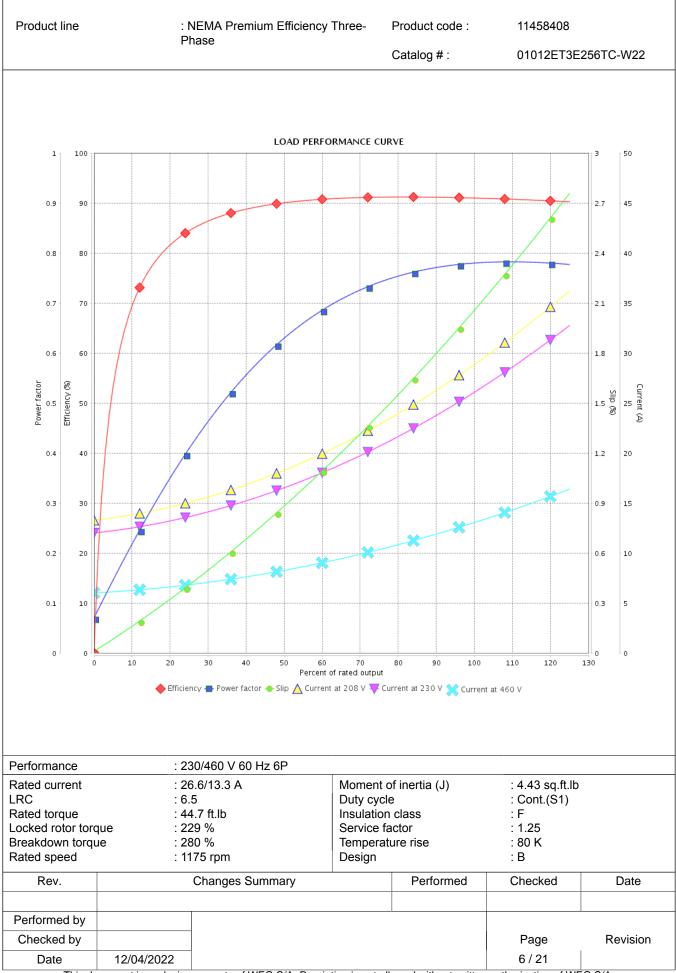
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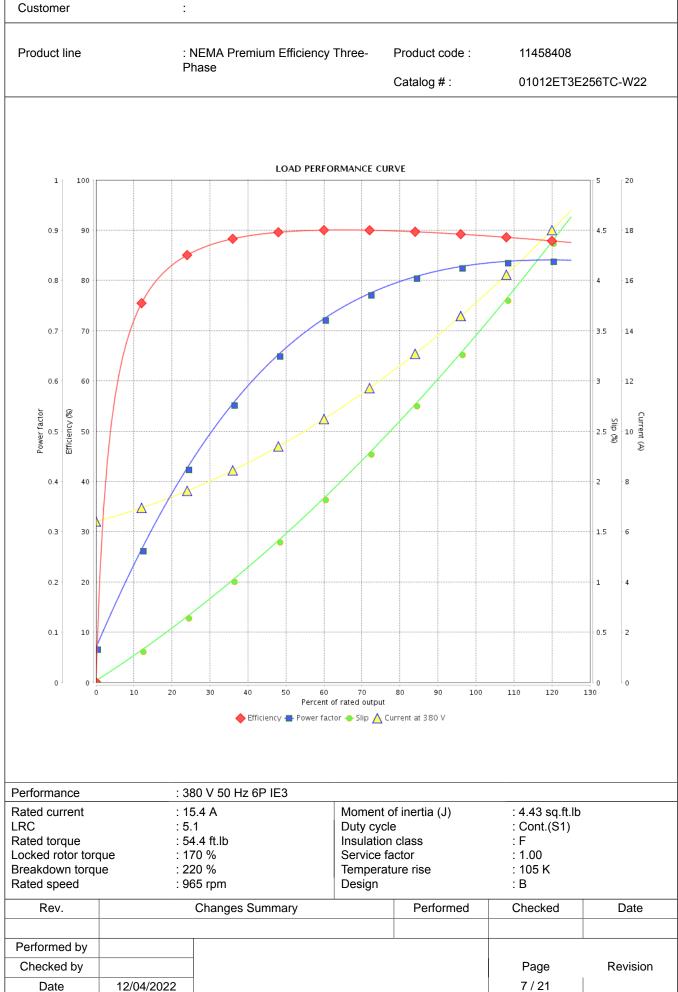


Customer



Three Phase Induction Motor - Squirrel Cage

#### Customer



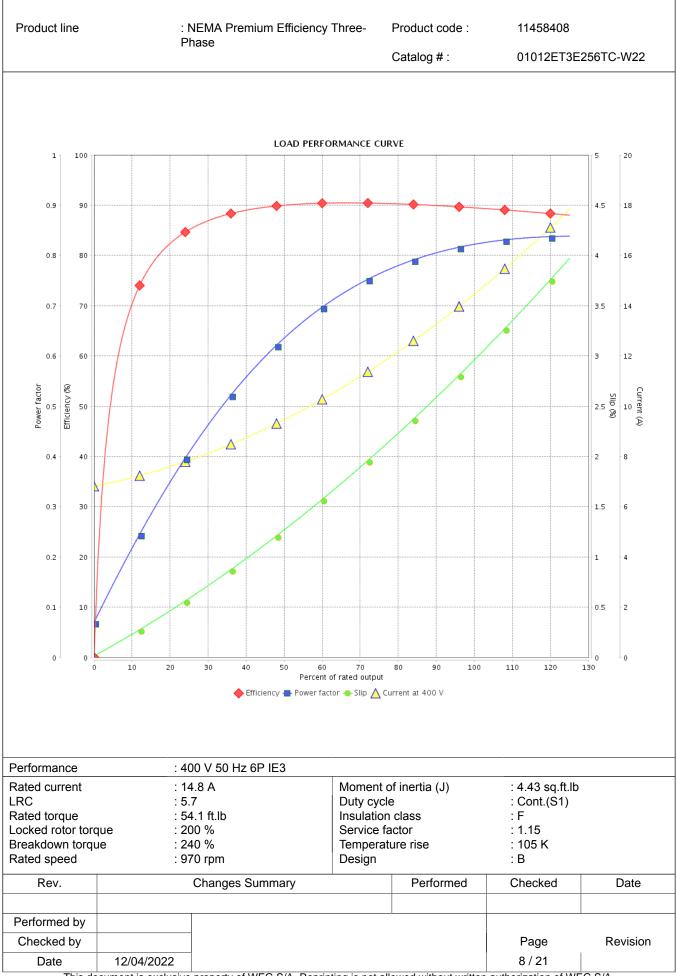
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Three Phase Induction Motor - Squirrel Cage

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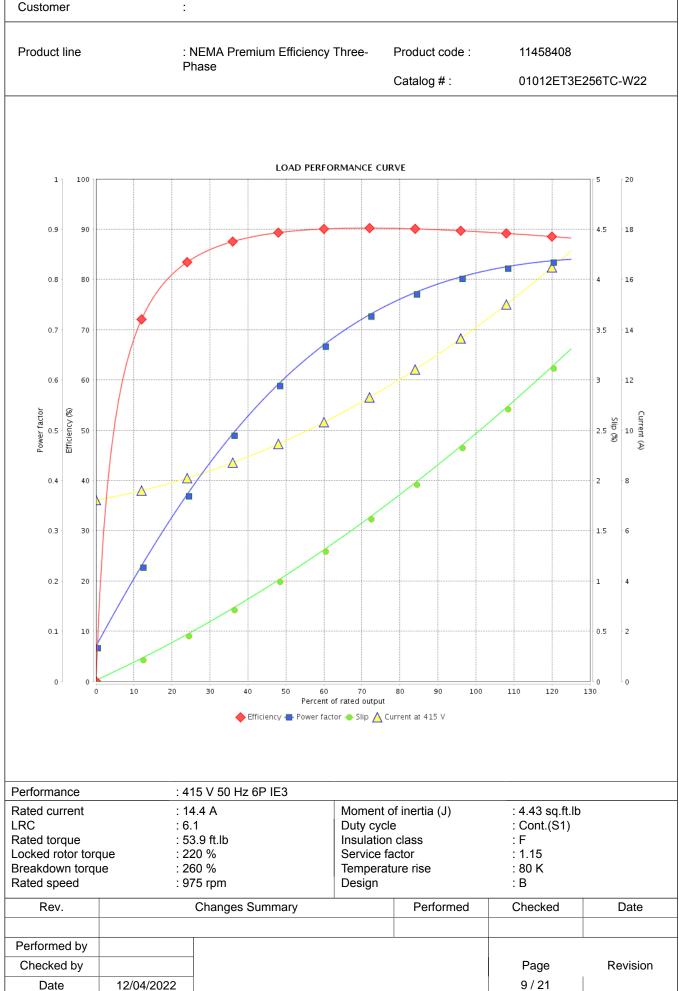


Customer



Three Phase Induction Motor - Squirrel Cage

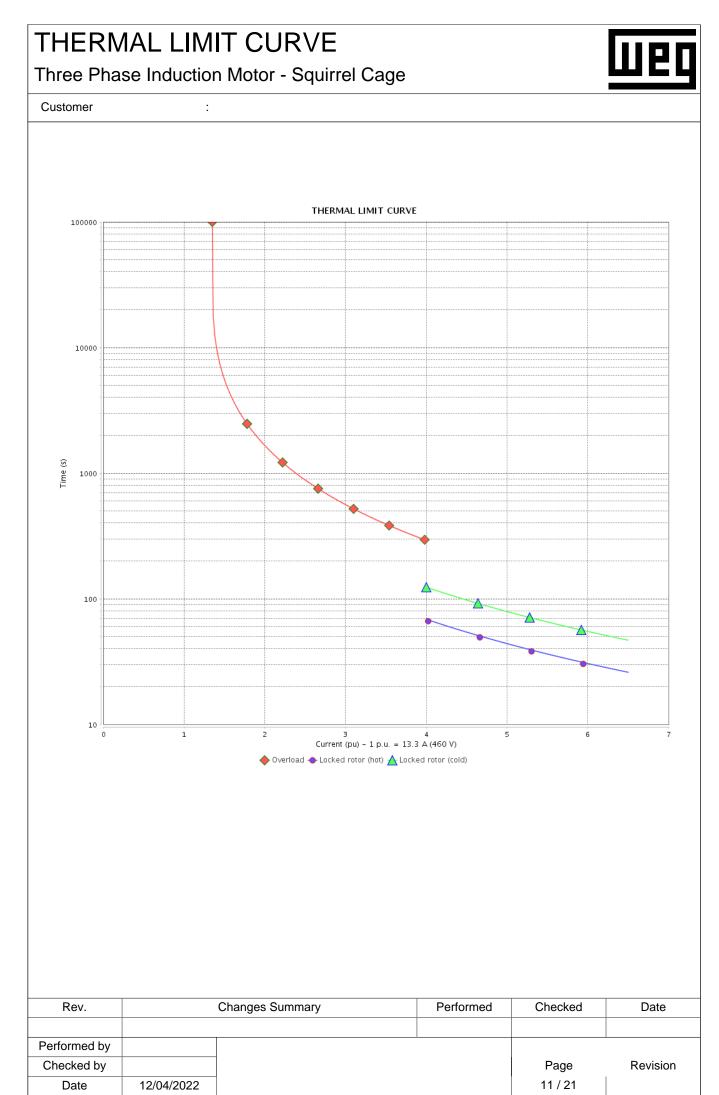
#### Customer



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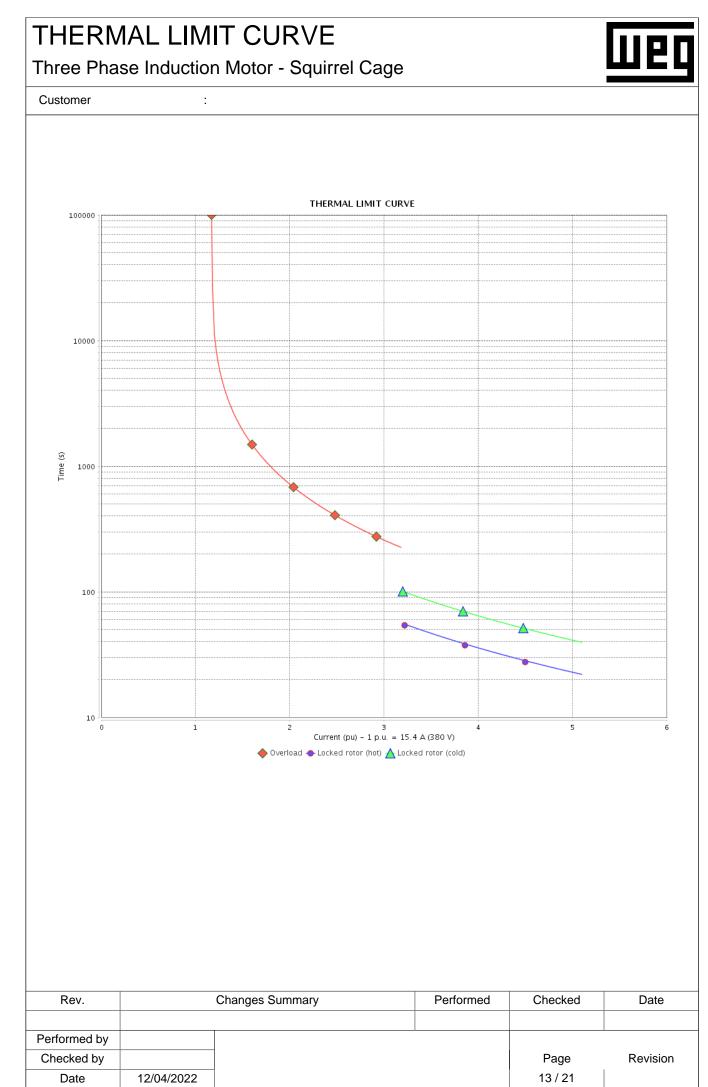
	LIMIT CURVE	9	Шес
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11458408
	Plidse	Catalog # :	01012ET3E256TC-W22

Performance	: 23	30/460 V 60 Hz 6P				
Rated current	: 20	6.6/13.3 A	Moment of inertia (J)		: 4.43 sq.ft.lb	
LRC	: 6.	6.5 Dut		<u>;</u>	: Cont.(S1)	
Rated torque			Insulation	class	:F	
Locked rotor tore	Locked rotor torque : 229 %		Service fa	ctor	: 1.25	
Breakdown torqu	je : 28	: 280 % Temperature rise		ure rise	: 80 K	
Rated speed	: 11	175 rpm	Design		: B	
Heating constan	t					
Cooling constan	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				10 / 21	



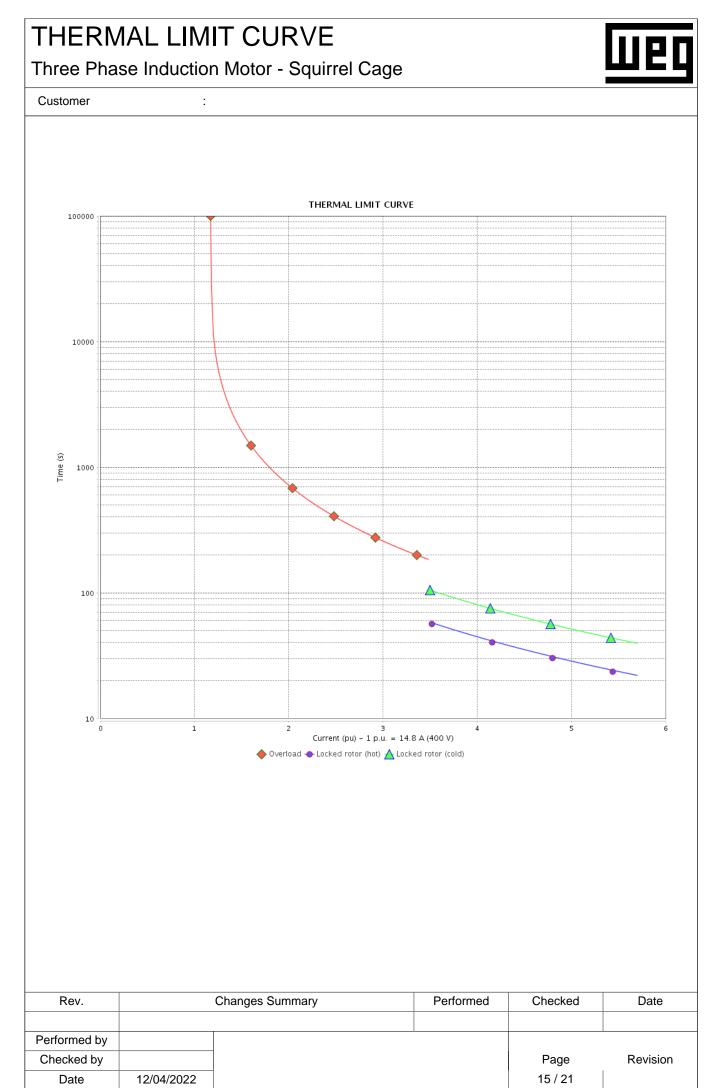
	LIMIT CURVE duction Motor - Squirrel Cage	<b>;</b>	шер
Customer	:		
Product line	: NEMA Premium Efficiency Three-	Product code :	11458408
	Phase	Catalog # :	01012ET3E256TC-W22

Performance	::	: 380 V 50 Hz 6P IE3				
Rated current: 15.4 ALRC: 5.1Rated torque: 54.4 ft.lbLocked rotor torque: 170 %Breakdown torque: 220 %Rated speed: 965 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 4.43 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B		
Heating constant	t				·	
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
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Checked by					Page	Revision
Date	12/04/2022				12 / 21	



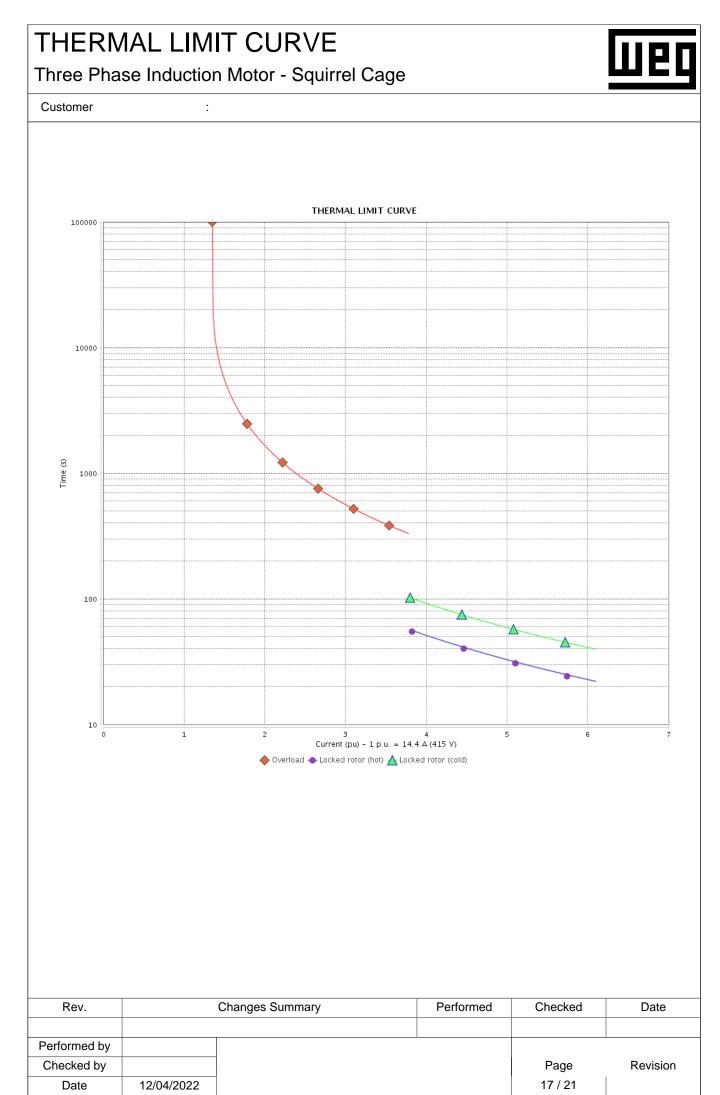
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11458408
		Catalog # :	01012ET3E256TC-W22

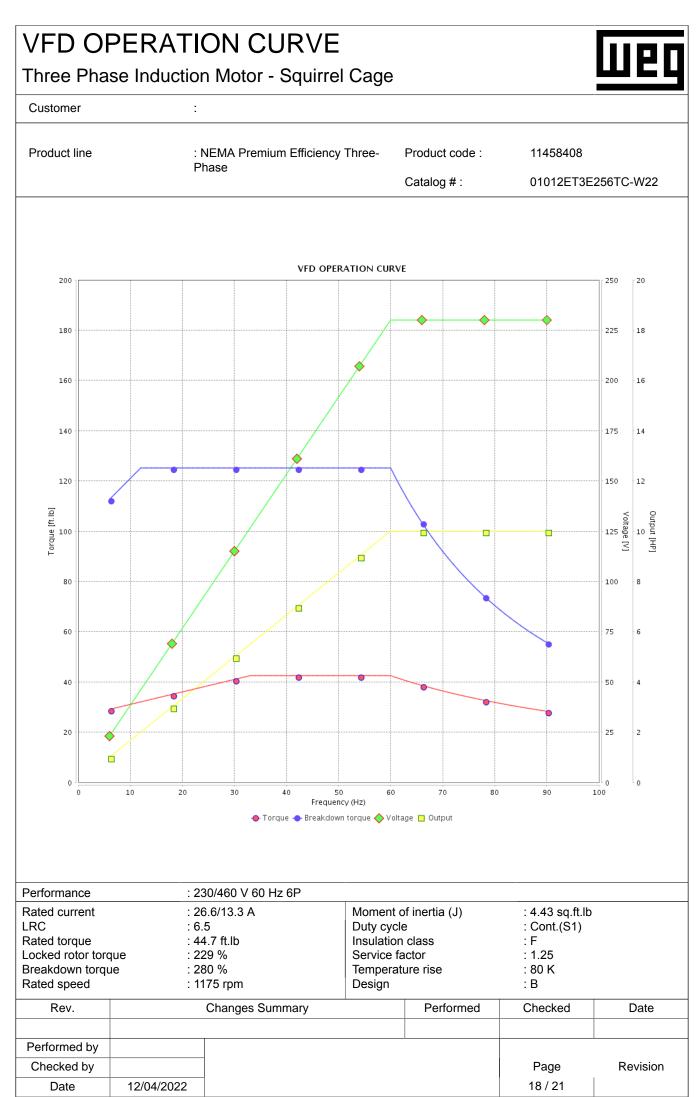
Performance	: 4	400 V 50 Hz 6P IE3				
Rated current: 14.8 ALRC: 5.7Rated torque: 54.1 ft.lbLocked rotor torque: 200 %Breakdown torque: 240 %Rated speed: 970 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 4.43 sq.ft.lb : Cont.(S1) : F : 1.15 : 105 K : B		
Heating constant	t					
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				14 / 21	

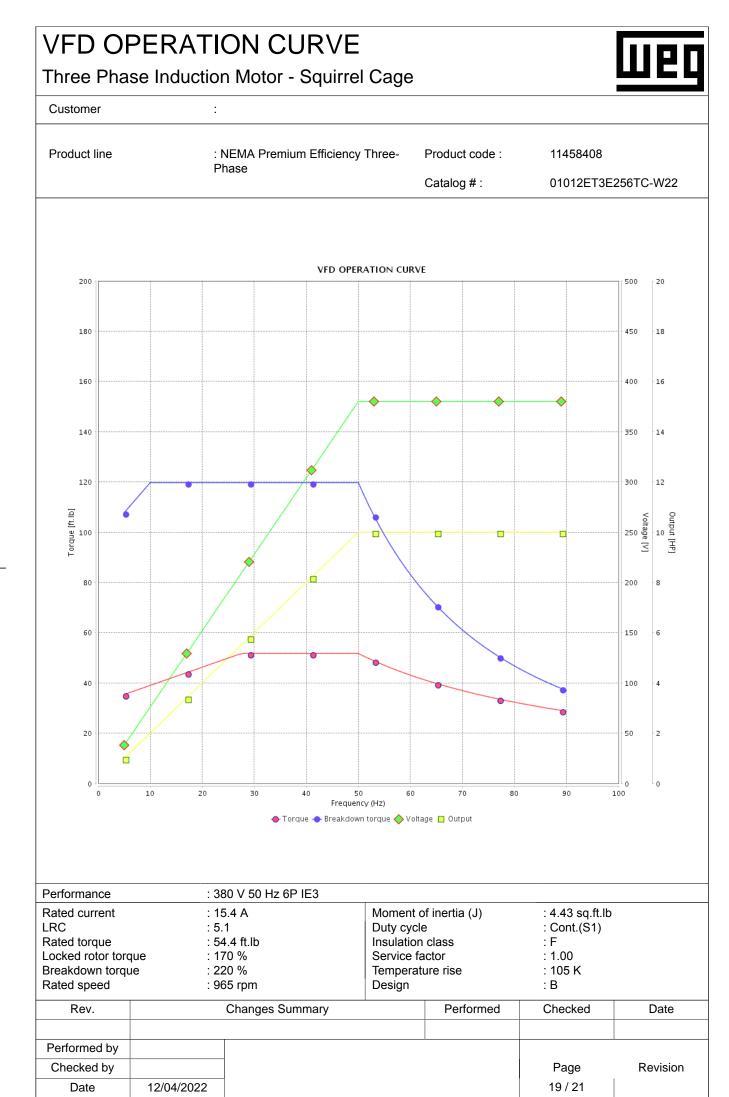


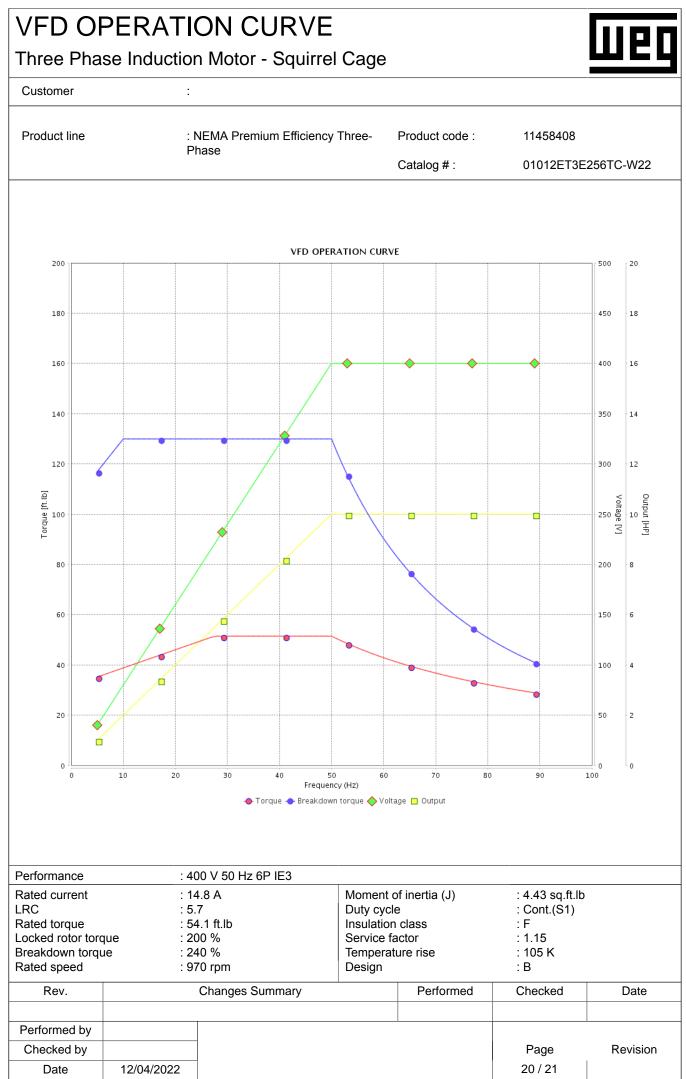
ustomer	:		
roduct line	: NEMA Premium Efficiency Three- Phase	Product code : Catalog # :	11458408 01012ET3E256TC-W22

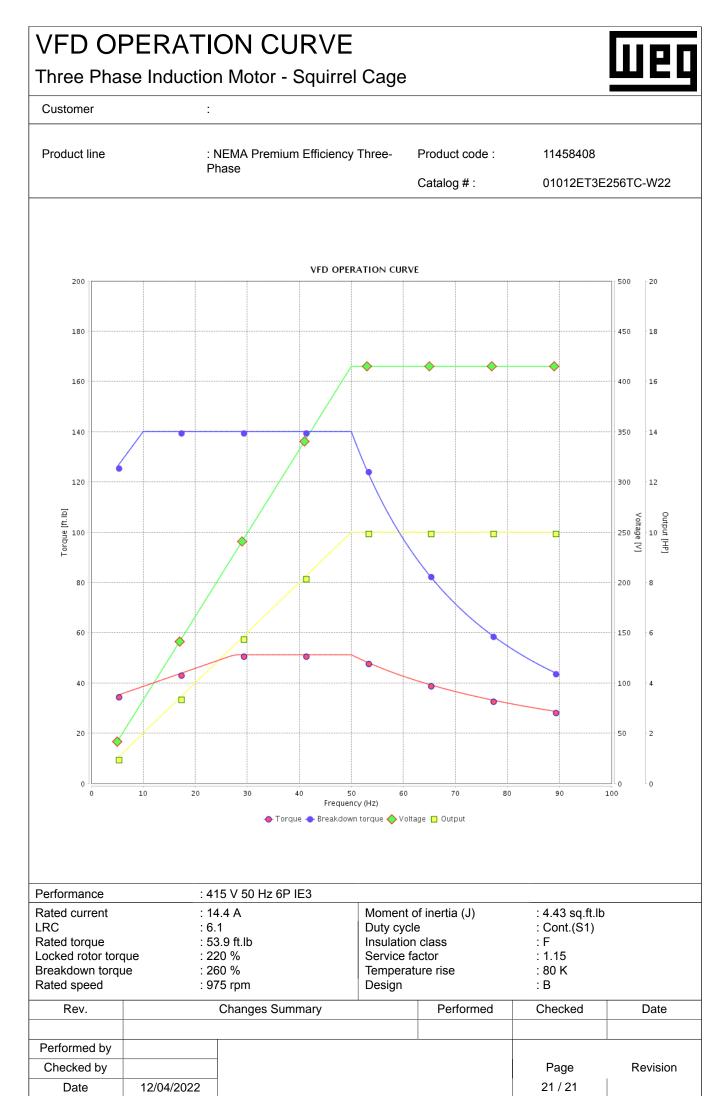
Performance	: 4	15 V 50 Hz 6P IE3				
Rated current	: 1	4.4 A	Moment of inertia (J)		: 4.43 sq.ft.lb	
LRC	: 6.1		Duty cycle		: Cont.(S1)	
Rated torque : 53.9 ft.lb		Insulation	class	: F		
Locked rotor torque : 220 %		20 %	Service fa	ctor	: 1.15	
Breakdown torque : 260 %		60 %	Temperatu	ure rise	: 80 K	
Rated speed	: 9	5 rpm Design			: B	
Heating constan	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				16 / 21	

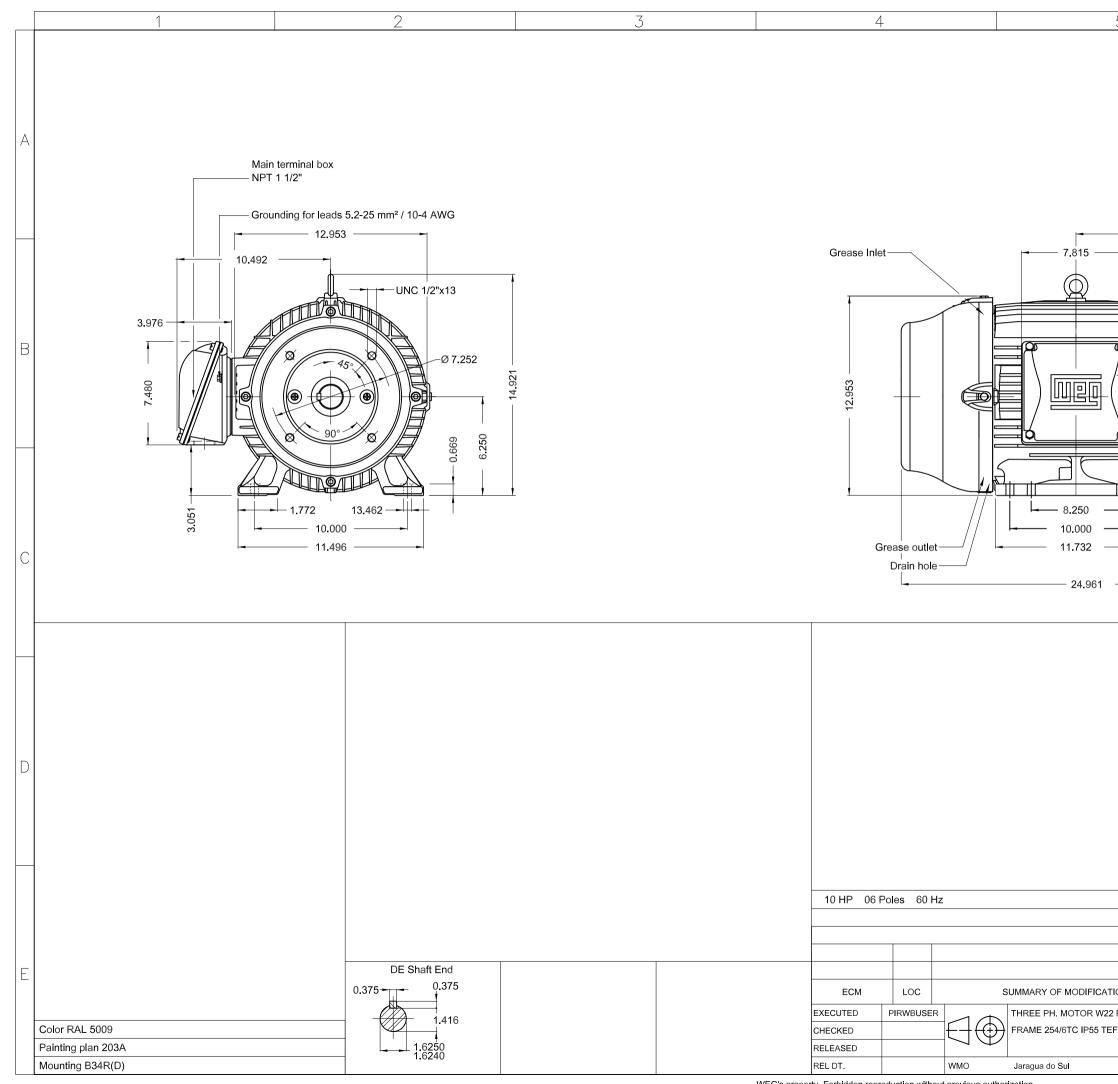












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