# DATA SHEET

#### Three Phase Induction Motor - Squirrel Cage

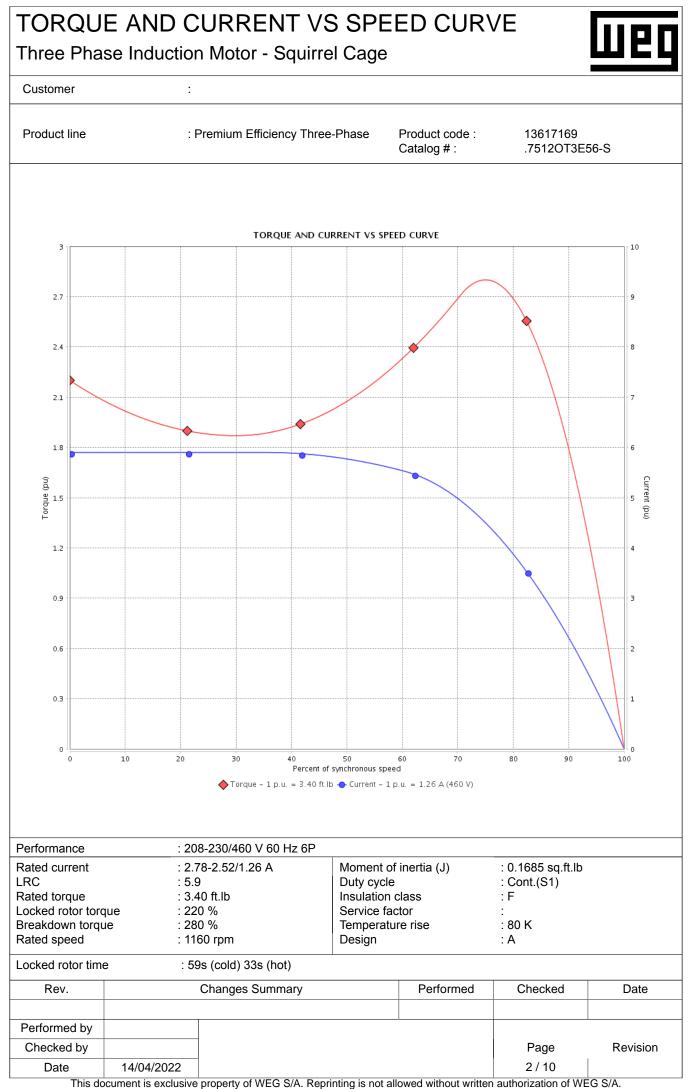
:



#### Customer

Noise level <sup>2</sup> 50.0 dB(A)     48.0 dB(A)     75.9     75.9     75.9     75.9     75.9     75.2     76.2     76.2     76.2     76.2     76.2     76.2     76.2     76.2     76.9     0.030     0.27     0.30     0.27     0.30     0.27     0.30     0.27     0.53     0.49     0.66     0.63     0.66     0.63     0.66     0.63     0.67     0.72 <t< th=""><th>Product line</th><th></th><th>: Premium Efficiency Three-Pf</th><th></th><th>Product code : Catalog # :</th><th>13617169 .7512OT3E</th><th>56-S</th></t<>	Product line		: Premium Efficiency Three-Pf		Product code : Catalog # :	13617169 .7512OT3E	56-S			
Output [HP]     0.75     0.75     0.75     0.75       Poles     6     6     6     6     6       Reted vorting [V]     208-230/460     190/380     220/415     Rated vorting [V]     2208-230/460     190/380     220/415       Rated vorting [A]     16.4-14.97/.43     13.276.06     13.277.06     5.50     5.50       Rated vorting [RPM]     16.4-14.97/.43     13.276.06     9.50     5.00     7.00       No load current [A]     1.55-1790.896     1.770.886     1.780.943     8.814     950       Sile [P9]     3.33     5.50     5.00     5.00     220     170     200       Breakdown torque [%]     220     170     200     1770     200     220     220     220     220     220     220     220     220     220     220     220     200     220     200     220     200     200     220     200     200     200     200     220     200     200     200     200     200     200     20	Insulation class Duty cycle Ambient tempera Altitude	ature	: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l.	Mounting Rotation Starting Approx.	nethod weight³	: F-1 : Both (CW and CCW) : Direct On Line : 35.8 lb				
Poles     6     6     6     6     6     6       Frequency [Hz]     60     50     50     50       Rated voltage [V]     208-230/460     190/380     220/415     220/415       Rated current [A]     12.778-2.52/1.26     2.86/1.43     2.26/41.40     2.26/41.40       L.R. Amperers [A]     13.27.00     4.5x(Code J)     4.5x(Code C)     5.0x(Code H)       No load current [A]     1.55.700.286     1.77/0.886     1.78/0.943     Rated speed [RPM]     1160     945     950     Silp [%]     3.33     5.50     5.00     Rated speed [RPM]     1160     945     950     Silp [%]     220     170     200     200     200     200     Size speed [RPM]     1.15     1.15     1.15     I.15     I.15     I.15     I.15     I.15     I.16     I.15     I.16     I.15     I.16     I.15     I.16     I.15     I.16	-			Woment						
Frequency [Hz]     60     50     50       Rated voltage [V]     208-230/460     190/380     220/415       Rated oursent [A]     2.78-2.52/126     2.86/1.43     2.64/1.40       L.R. Amperes [A]     16.4-14.9/7.43     13.2/6.58     13.2/7.00       No load current [A]     1.55.1.79/0.896     1.77/0.886     1.78/0.943       Rated speed [PM]     1160     945     950       Sile [PM]     3.40     4.17     4.15       Oxcked roto troque [%]     220     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     280     229     260       Service fact     1.15     1.15     1.15       Efficiency (%)     50.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Keld orgen [PM]     50.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Volke level*     50.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Noise level*     50.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Volke level*     50.0 dB(A)     62.0 d2.2     0.33										
Rated vortinge [V]     208-230/460     190/380     220/415       Rated oursent [A]     2.78-259/1.26     2.86/1.43     2.64/1.40       L. R. Amperes [A]     1.6.4.14.97.43     13.2/6.58     13.27.00       LRC [A]     5.90(Code J)     4.6x(Code G)     5.0x(Code H)       No load current [A]     1.55-1.790.886     1.770.886     1.780.943       Rated speed [RPM]     1160     945     950       Silp [%]     3.33     5.50     5.00       Rated speed [RPM]     1.160     945     950       Silp [%]     2.20     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     280     229     260       Service factor     1.15     1.15     1.15       Importance rise     80 K     80 K     80 K     80 K       Locked rotor time     598 (cold) 358 (not)     648 (cold) 368 (not)     575 (cold) 328 (not)       Noise level*     25%     7.3.7     77.6     77.2       Power Factor     50%     0.25     0.3			-		-					
Rated current [A]     2.78-2521 26     2.68(1 43)     2.64(1 40)       L. R. Amperes [A]     16.4-14.9(7.43)     13.26.58     13.27.00       RC [A]     5.5x(Code J)     4.6x(Code G)     5.0x(Code H)       No load current [A]     1.55-1.790.0896     1.770.0886     1.780.0443       Rated speed [RPM]     1160     945     950       Sile [V9]     3.33     5.50     5.00       Rated torque [Kb]     3.40     4.17     4.15       Locked rotor torque [%]     220     170     200       Breakdown lorque [%]     280     229     260       Service factor     1.15     1.15     1.15       Iemperature rise     60 K     80 K     80 K     100 K       Noise level?     500.0 dB(A)     48.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Vise level?     50%     73.7     77.6     75.9       Power Factor     50%     0.35     0.66     0.63       100%     0.67     0.75     0.72       Power Factor     50%     0.53     0										
L. R. Amperes [A]     16.4.14.97.4.3     13.2/6.58     13.2/7.00       IRC [A]     5.9x(Code J)     4.6x(Code G)     5.0x(Code H)       No load current [A]     1.55-1.79/0.896     1.77/0.886     1.78/0.943       Rated speed [RPM]     1160     945     950       Silp [%]     3.33     5.50     5.00       Cocker forb torgue [%]     220     170     200       Breakdown torque [%]     280     229     260       Service factor     1.15     1.15     1.15       Emperature rise     80 K     80 K     80 K     080 K       Locked rotor time     555 (cold) 35 (hot)     64s (cold) 36s (hot)     756 (cold) 32s (hot)     756 (cold) 32s (hot)     757 (cold) 32 (hot)       Noise level?     500 dB(A)     48.0 dB(A)     48.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Power Factor     50% (r37 7     77.2     76.2     76.2     75%     0.027     75.9     0.72     76.2     76.2     75.9     0.030     0.27     75.9     0.66     0.633     0.49     0.66     0.633										
LRC [A]     5.9x(Code J)     4.6x(Code G)     5.0x(Code H)       No load current [A]     1.55.179/0.896     1.77/0.886     1.78/0.943       Rated speed [RPM]     1160     945     950       Silp [%]     3.33     5.50     5.00       Rated torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     280     229     260       Service factor     1.15     1.15     1.15       Cocked rotor torque [%]     50x (Cold) 358 (hot)     65 (cold) 328 (hot)     60 K       Noise level     50% (0.3) 38 (hot)     64 (cold) 36 (hot)     575 (cold) 328 (hot)       Noise level     50% 73.7     77.6     75.9       Efficiency (%)     50% 75.5     77.2     76.2       100%     81.7     78.0     78.7       Power Factor     50% 0.25     0.30     0.27       75%     0.25     0.30     0.27       90%     0.67     0.75     0.72       Power Factor     75% 0.58										
No load current [A]     1.55-1.79/0.986     1.77/0.986     1.77/0.986     1.76/0.943       Rated speed [RPM]     1160     945     950       Slip [%]     3.33     5.50     5.00       Cocked rotor torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     280     229     260       Service factor     1.15     1.15     1.15       Emperature rise     80 K     80 K     80 K     80 K       Noise level?     550 (odl) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level?     550     77.2     76.2       Power Factor     50%     0.25     0.30     0.27       Power Factor     50%     0.45     0.53     0.49       Bearing type     :     6204 ZZ     6202 ZZ     Max. traction     : 88 lb       Ubricant mount     :     -     -     -     -       Lubrication interval     :     -     -     -     -				4						
Rated speed [RPM]     1160     945     950       Silp [%]     3.33     5.50     5.00       Rated torque [ft.lb]     3.40     4.17     4.15       Locked rotor torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Service factor     1.15     1.15     1.15       Temperature rise     80 K     80 K     80 K     80 K       Locked rotor time     59s (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level?     50%     73.7     77.6     75.9       25%     0.30     78.9     78.9     78.9       100%     81.7     78.0     78.9       100%     0.67     0.75     0.72       Power Factor     50%     0.45     0.53     0.49       Lubrication interval     :     -     -     -       Lubrication interval     :     -     -     -     -       Lubrication interval     :     -     -     -		J								
Sip [%]     3.33     5.50     5.00       Rated forque [fk.lb]     3.40     4.17     4.15       Occked rotor torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Breakdown torque [%]     220     115     1.15       Temperature rise     80 K     80 K     80 K       Disc level?     500 (add) 33s (hol)     64s (cold) 36s (hol)     57s (add) 32s (hol)       Noise level?     500 (add) 33s (hol)     64s (cold) 36s (hol)     57s (add) 32s (hol)       Noise level?     50%     73.7     77.6     75.9       Trise     50%     75.5     77.2     76.2       75%     0.25     0.30     0.27       Power Factor     50%     0.45     0.53     0.49       Trise revision replaces and cancel the previous one, which must be alrang Seal     Foundation loads     Max. traction     : 88 lb       Masured at 1m and.     10.0 koing the motor from the shaft end.     (2) Measured at 1m and with tolerance of +3dB(A).										
Rated forque [ft.b]     3.40     4.17     4.15       Locked rotor torque [%]     220     170     200       Breakdown torque [%]     220     170     200       Service factor     1.15     1.15     1.15       Imperature rise     80 K     80 K     80 K     80 K       Locked rotor time     598 (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level <sup>6</sup> 50%     75.5     77.2     76.2       50%     75.5     77.2     76.2     76.9       75%     0.00     79.0     78.9     75.9       100%     81.7     78.0     78.7       Power Factor     50%     0.45     0.53     0.49       100%     0.67     0.75     0.72     76.2       75%     0.58     0.66     0.63     0.49       100%     0.67     0.75     0.72     72       Sealing     Withrout     Without     Without     Without     Without       Lubricatin amount     Image 1		·								
Locked rotor forque [%]     220     170     200       Breakdown torque [%]     280     229     260       Breakdown torque [%]     80 K		1								
Breakdown torque [%]     280     229     260       Service factor     1.15     1.15     1.15       Temperature rise     80 K     80 K     80 K     80 K       Locked rotor time     59s (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level®     50%     73.7     77.6     75.9       Efficiency (%)     50%     75.5     77.2     76.2       75%     80.0     79.0     78.9       100%     81.7     78.0     78.7       25%     0.25     0.30     0.27       Power Factor     50%     0.67     0.75     0.72       100%     0.67     0.75     0.72     0.75     0.72       Power Factor     50%     0.68     0.66     0.63     0.64     0.63       100%     0.67     0.75     0.72     0.72     0.75     0.72       Sealing     :     Without     Without     Bearing Seal     Max. traction     :88 lb     Max. compression     :124 lb						-				
Service factor     1.15     1.15     1.15       Temperature rise     80 K     80 K     80 K     80 K       Locked rotor time     59s (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise levelF     50.0 dB(A)     48.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Efficiency (%)     50%     73.7     77.6     75.9       Solw     80.0     79.0     78.9       100%     81.7     78.0     78.7       Power Factor     50%     0.25     0.30     0.27       75%     0.58     0.66     0.63     0.75     0.72       Power Factor     50%     0.42     202 ZZ     Max. traction     : 88 lb       Bearing type     :     : 6204 ZZ     6202 ZZ     Sealing     Without     Without     Max. traction     : 88 lb       Lubricant amount     :     -     -     -     -     -       Lubricant type     :     Mobil Polyrex EM     Max. traction     : 88 lb     MG-1.       Notes     :<										
Temperature rise     80 K     80 K     80 K     80 K       Locked rotor time     59s (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level <sup>2</sup> 50.0 dB(A)     48.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Noise level <sup>2</sup> 50%     75.5     77.2     76.2       Efficiency (%)     55%     0.25     0.30     78.7       Power Factor     50%     0.45     0.53     0.49       100%     81.7     77.5     0.72     76.2       Power Factor     50%     0.45     0.53     0.49       100%     0.67     0.75     0.72       Bearing type     :     6204 ZZ     6202 ZZ     Max. traction     :88 lb       Sealing     :     Without     Bearing Seal     Bearing Seal     Max. compression     :124 lb       Ubricant mount     :     -     -     -     -       Lubrication interval     :     -     -     -     -       Lubrication the shaft end.     .     .     -		·								
Locked rotor time     59s (cold) 33s (hot)     64s (cold) 36s (hot)     57s (cold) 32s (hot)       Noise level <sup>a</sup> 50.0 dB(A)     48.0 dB(A)     44.0 dB(A)       Efficiency (%)     50%     73.7     77.6     75.9       50%     75.5     77.2     76.2     76.2       75%     80.0     79.0     78.9     76.2       75%     0.25     0.30     0.27     50%     0.66     0.63       75%     0.58     0.66     0.63     0.72     0.72     0.72       Power Factor     75%     6204 ZZ     6202 ZZ     Non drive end     Max. traction     : 88 lb       Bearing type     :     :     6204 ZZ     6202 ZZ     Max. traction     : 88 lb       Sealing     :     Without     Without     Max. compression     : 124 lb       Lubrication interval     :     -     -     -     -       Lubricatin type     :     Mobil Polyrex EM     Max. traction     : 88 lb       Notes     USABLE @208V SF 1.00     .     . <t< td=""><td></td><td></td><td>80 K</td><td></td><td></td><td></td><td></td></t<>			80 K							
Noise level <sup>2</sup> 50.0 dB(A)     48.0 dB(A)     48.0 dB(A)       Efficiency (%)     25%     73.7     77.6     75.9       Power Factor     75%     80.0     79.0     78.9       Power Factor     25%     0.25     0.30     0.27       Power Factor     50%     0.45     0.53     0.49       100%     81.7     77.5     0.72       Power Factor     50%     0.45     0.53     0.49       100%     0.67     0.75     0.72     0.72       Sealing     :     6204 ZZ     6202 ZZ     Max. traction     :88 lb       Sealing     :     Without     Without     Max. compression     :124 lb       Lubrication interval     :     -     -     -       Lubricating type     :     Mobil Polyrex EM     Max. compression     :124 lb       Notes     USABLE @208V SF 1.00     Mobil Polyrex EM     Mcs.1	Locked rotor time			64s (						
25%     73.7     77.6     76.9       50%     75.5     77.2     76.2       75%     80.0     79.0     78.9       100%     81.7     78.0     78.7       25%     0.25     0.30     0.27       25%     0.45     0.53     0.49       75%     0.66     0.63     0.72       75%     0.67     0.75     0.72       Sealing     Without     Without     Wax. traction     : 88 lb       Bearing type     :     6204 ZZ     6202 ZZ     Max. traction     : 124 lb       Bearing type     :     :     -     -     Max. traction     : 124 lb       Lubricant amount     :     -     -     -     Max. traction     : 124 lb       Sealing     :     :     -     -     -     -       Lubricant type     :     Mobil Polyrex EM     Max. traction     : 124 lb     -       Yeas     :     :     -     -     -     -										
Efficiency (%)     50%     75.5     77.2     76.2       75%     80.0     79.0     78.9       100%     81.7     78.0     78.7       Power Factor     50%     0.25     0.30     0.27       50%     0.45     0.53     0.49       75%     0.68     0.66     0.63       100%     0.67     0.75     0.72       Sealing     Without Without Bearing Seal Bearing Seal     Foundation loads Max. traction : 124 lb       Lubrication interval     -     -     -       Lubricant amount     -     -     -       Lubricant group     Mobil Polyrex EM     Max. compression     : 124 lb       Notes     USABLE @208V SF 1.00     MG-1.     MG-1.       Changes and cancel the previous one, which must be eliminated.     .     .       (2) Measured at 1m and with tolerance of +3dB(A).     .     .		25%								
Efficiency (%)     75%     80.0     79.0     78.9       100%     81.7     78.0     78.7       Power Factor     50%     0.25     0.30     0.27       Power Factor     50%     0.45     0.53     0.49       75%     0.58     0.66     0.63     0.72       Sealing     Ed204 ZZ     6202 ZZ     Max. traction     : 88 lb       Sealing     Without     Without     Max. compression     : 124 lb       Lubrication interval     -     -     -     -       Lubricant amount     :     -     -     -       Lubricant type     Mobil Polyrex EM     Max. traction     : 88 lb       Notes     USABLE @208V SF 1.00     Mobil Polyrex EM     Max. traction the tolerances stipulated in NEM.       (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     Changes Summary     Performed     Page     Revision										
100%     81.7     78.0     78.7       Power Factor     25%     0.25     0.30     0.27       50%     0.45     0.53     0.49       75%     0.58     0.66     0.63       100%     0.67     0.75     0.72       Bearing type     :     6204 ZZ     6202 ZZ     Max. traction     :88 lb       Sealing     :     Without     Without     Max. traction     :124 lb       Lubrication interval     :     -     -     .     .       Lubricatin amount     :     -     -     .     .     .       Notes     USABLE @208V SF 1.00     Mobil Polyrex EM     Mcs.     .     .     .       Notes     (1) Looking the motor from the shaft end.     .	Efficiency (%)									
Power Factor   25%   0.25   0.30   0.27     50%   0.45   0.53   0.49     75%   0.58   0.66   0.63     100%   0.67   0.75   0.72     Drive end Non drive end 6204 ZZ 6202 ZZ     Sealing   Without Without Bearing Seal Bearing Seal   Hax. traction   : 88 lb     Lubrication interval   -   -   -     Lubricant amount   :   -   -     Lubricant type   Mobil Polyrex EM   Max. compression   : 124 lb     Notes   USABLE @208V SF 1.00   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM/ 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   Checked by   Date     Performed by										
Power Factor   50%   0.45   0.53   0.49     75%   0.58   0.66   0.63   0.72     Bearing type   :   6204 ZZ   6202 ZZ   Max. traction   :   :88 lb     Sealing   :   Without   Without   Max. compression   :   124 lb     Lubrication interval   :   -   -   -   -   -     Lubricant amount   :   -   -   -   -   -     Lubricant amount   :   -   -   -   -   -     Notes   USABLE @208V SF 1.00   Mobil Polyrex EM   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM.     (1) Looking the motor from the shaft end.   (2) Measured at 1m and with tolerance of +3dB(A).   MG-1.   MG-1.     (3) Approximate weight subject to changes after manufacturing process.   (4) At 100% of full load.   Performed   Checked by   Deve     Performed by										
Power Factor   75%   0.58   0.66   0.63     Bearing type   :   6204 ZZ   6202 ZZ   Max. traction   :										
100%   0.67   0.75   0.72     Bearing type   :   6204 ZZ   6202 ZZ   Max. traction   : 88 lb     Sealing   :   Without   Without   Without   Max. compression   : 124 lb     Lubrication interval   :   -   -   -   -     Lubrication interval   :   -   -   -     Lubricant amount   :   -   -   -     Lubricant type   :   Mobil Polyrex EM   Max. compression   : 124 lb     Notes   USABLE @208V SF 1.00   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM, 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   Checked   Date     Performed by	Power Factor									
Drive end Bearing type   Drive end 6204 ZZ   Non drive end 6204 ZZ   Foundation loads Max. traction   Sealing     Sealing   Without Bearing Seal Bearing Seal Lubricant amount   -   -     Lubrication interval   -   -     Lubricant amount   -   -     Lubricant type   Mobil Polyrex EM     Notes   USABLE @208V SF 1.00     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 NEM, 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.   MG-1.     (4) At 100% of full load.   Performed   Checked by     Performed by										
Notes USABLE @208V SF 1.00     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.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM/ MG-1.     Rev.   Changes Summary   Performed   Checked   Date     Performed by   Page   Revision	Sealing Lubrication interv Lubricant amoun		E 6204 ZZ 6202 ZZ Without Without Bearing Seal Bearing Seal	Max. traction : 88 lb Max. compression : 124 lb						
must be eliminated.   power supply, subject to the tolerances stipulated in NEM/     (1) Looking the motor from the shaft end.   manufacturing process.     (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		′ SF 1.00								
Performed by Page Revision	must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro-	ed. notor from the 1m and with to weight subject ocess.	shaft end. blerance of +3dB(A).	power su						
Checked by Page Revision	Rev.		Changes Summary		Performed	Checked	Date			
	Performed by									
	Checked by					Page	Revision			
		14/04/2022	<b>,</b>			-				

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

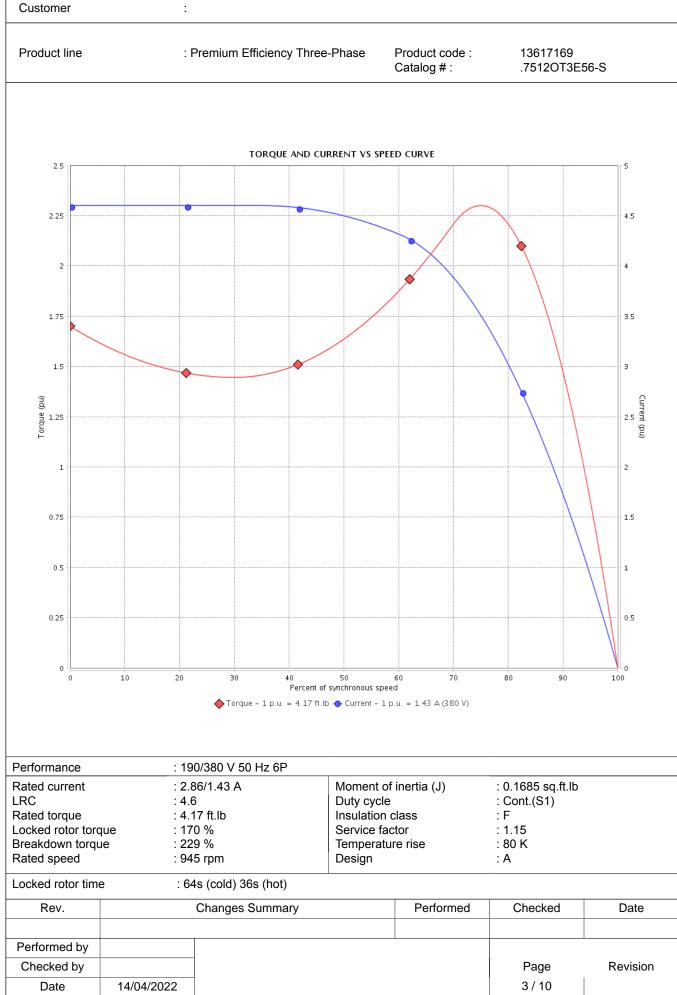


Subject to change without notice

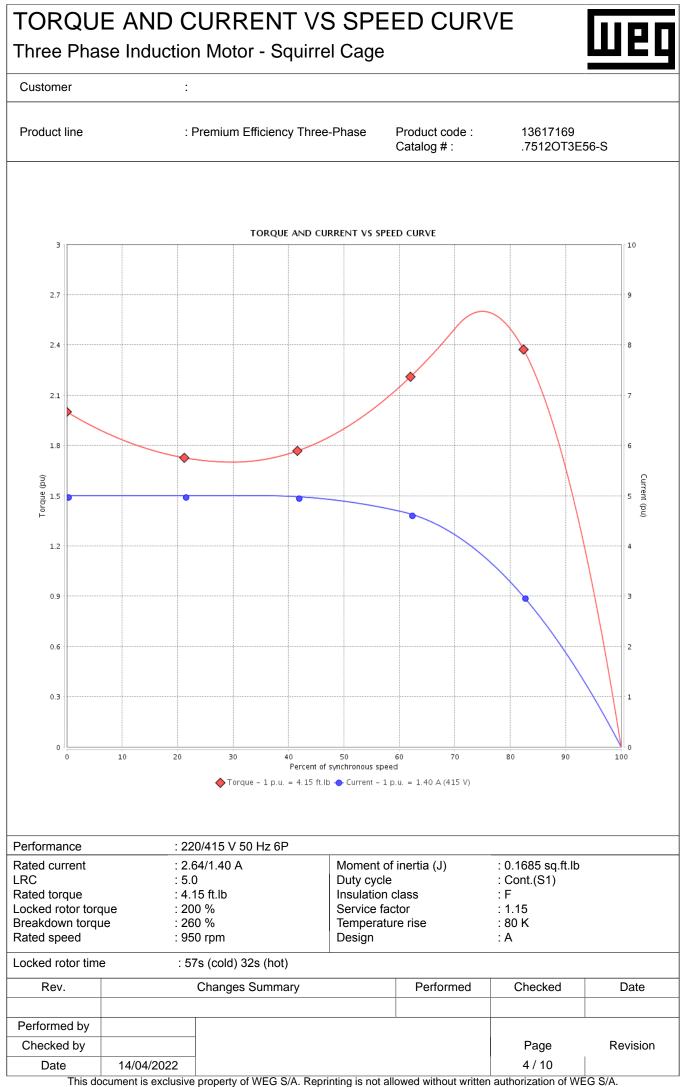
### TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

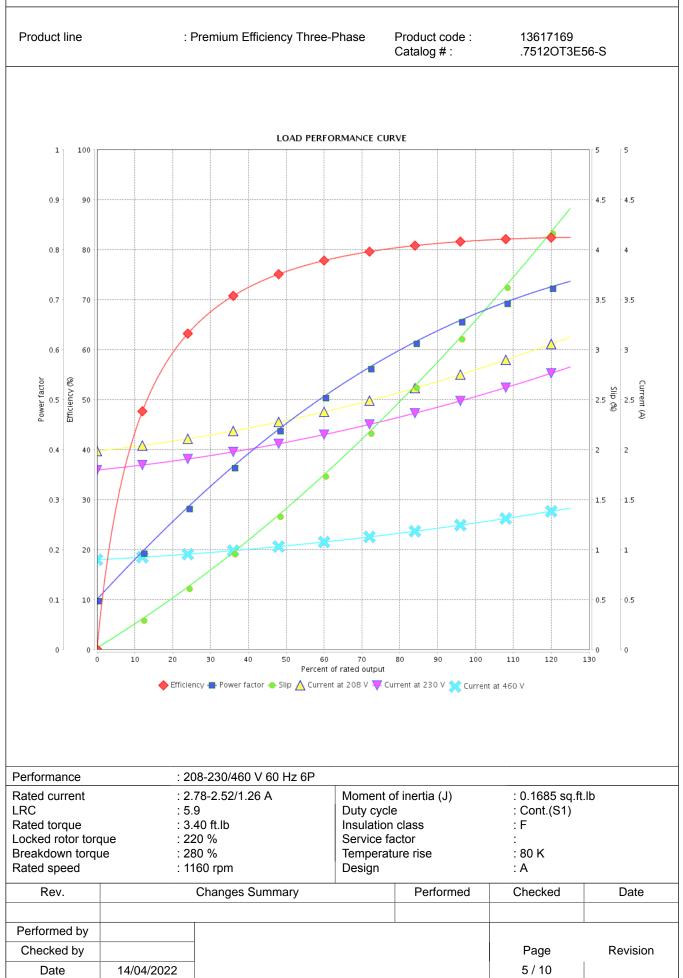


## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:

#### Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

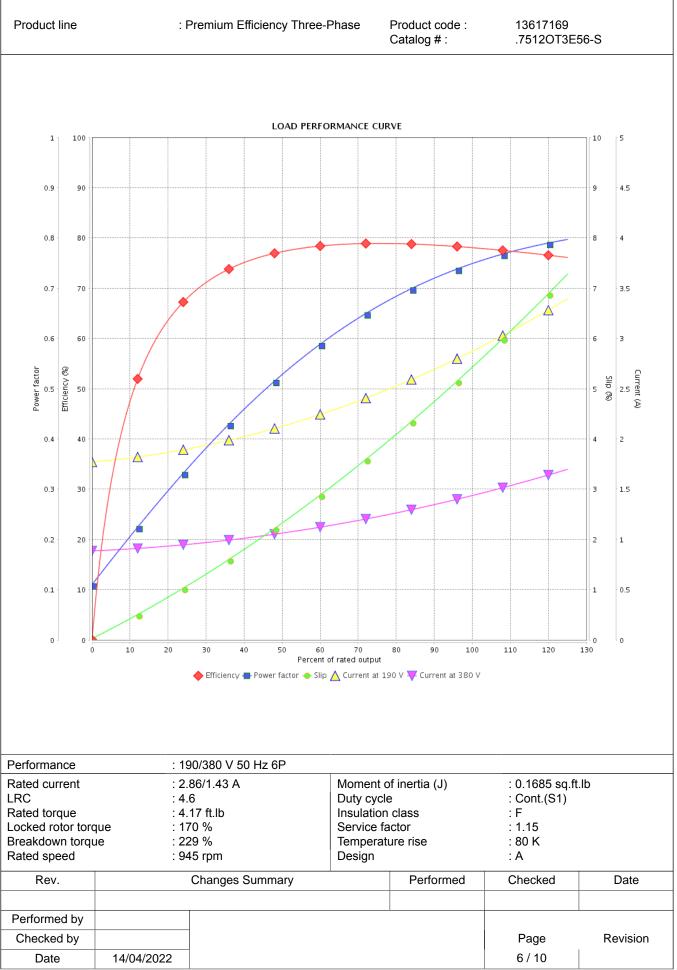
### LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer

:



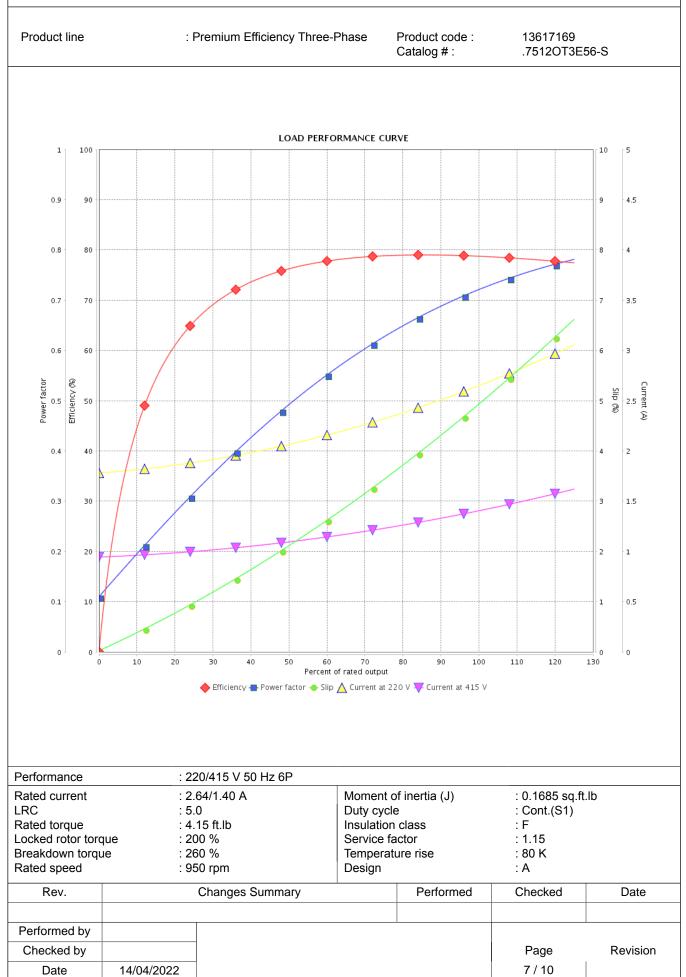
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

## LOAD PERFORMANCE CURVE

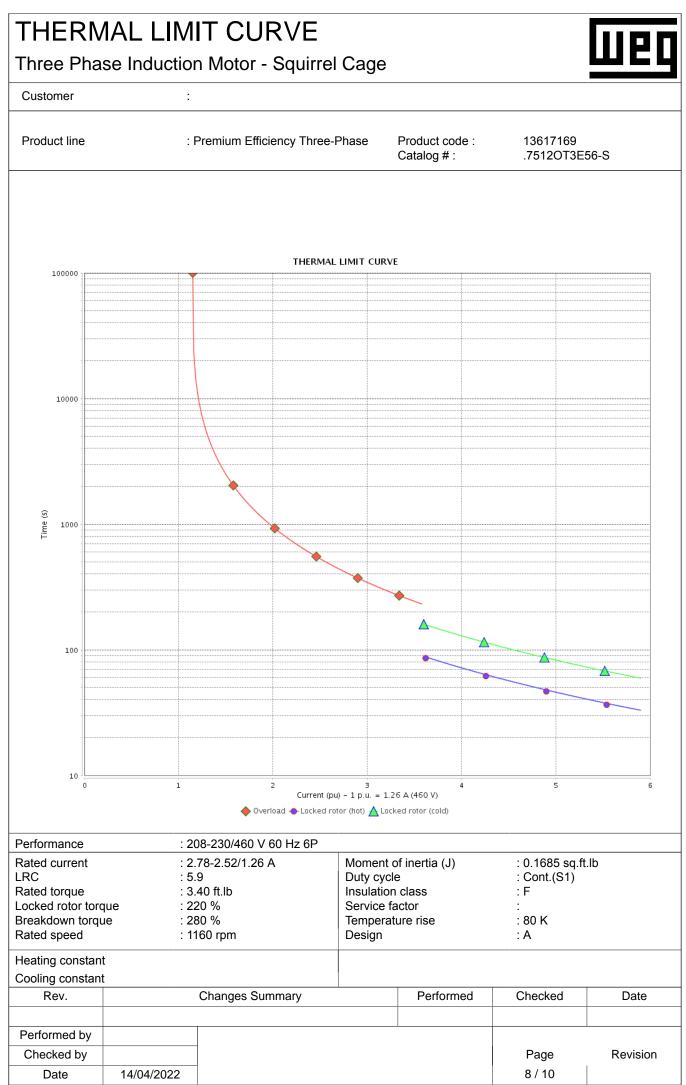
Three Phase Induction Motor - Squirrel Cage

:

#### Customer



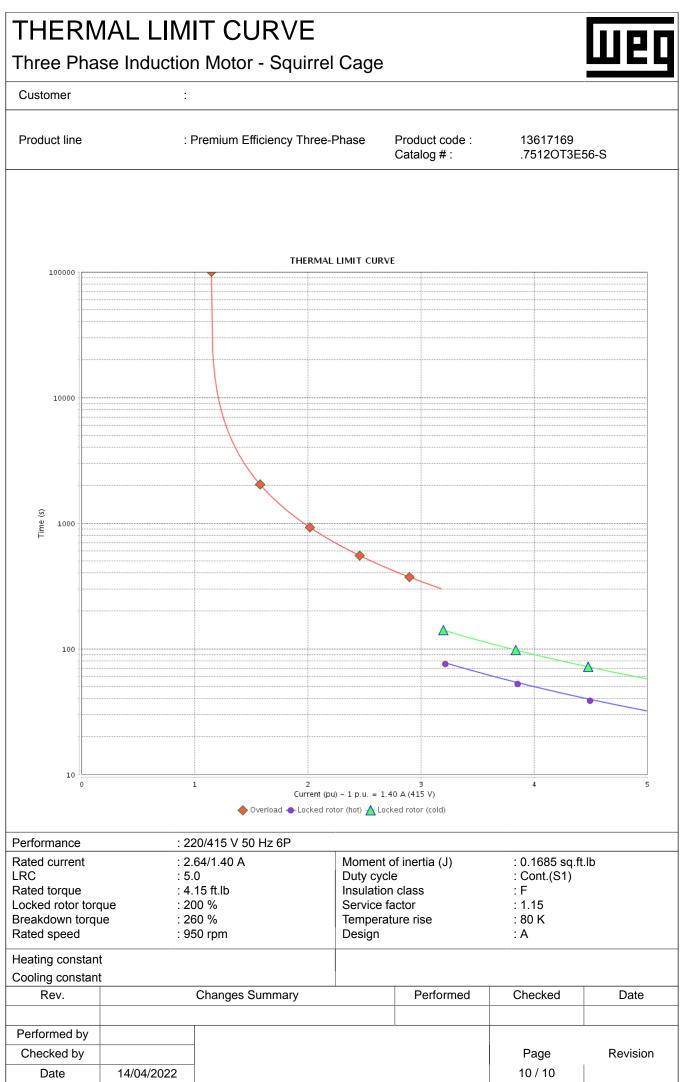
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



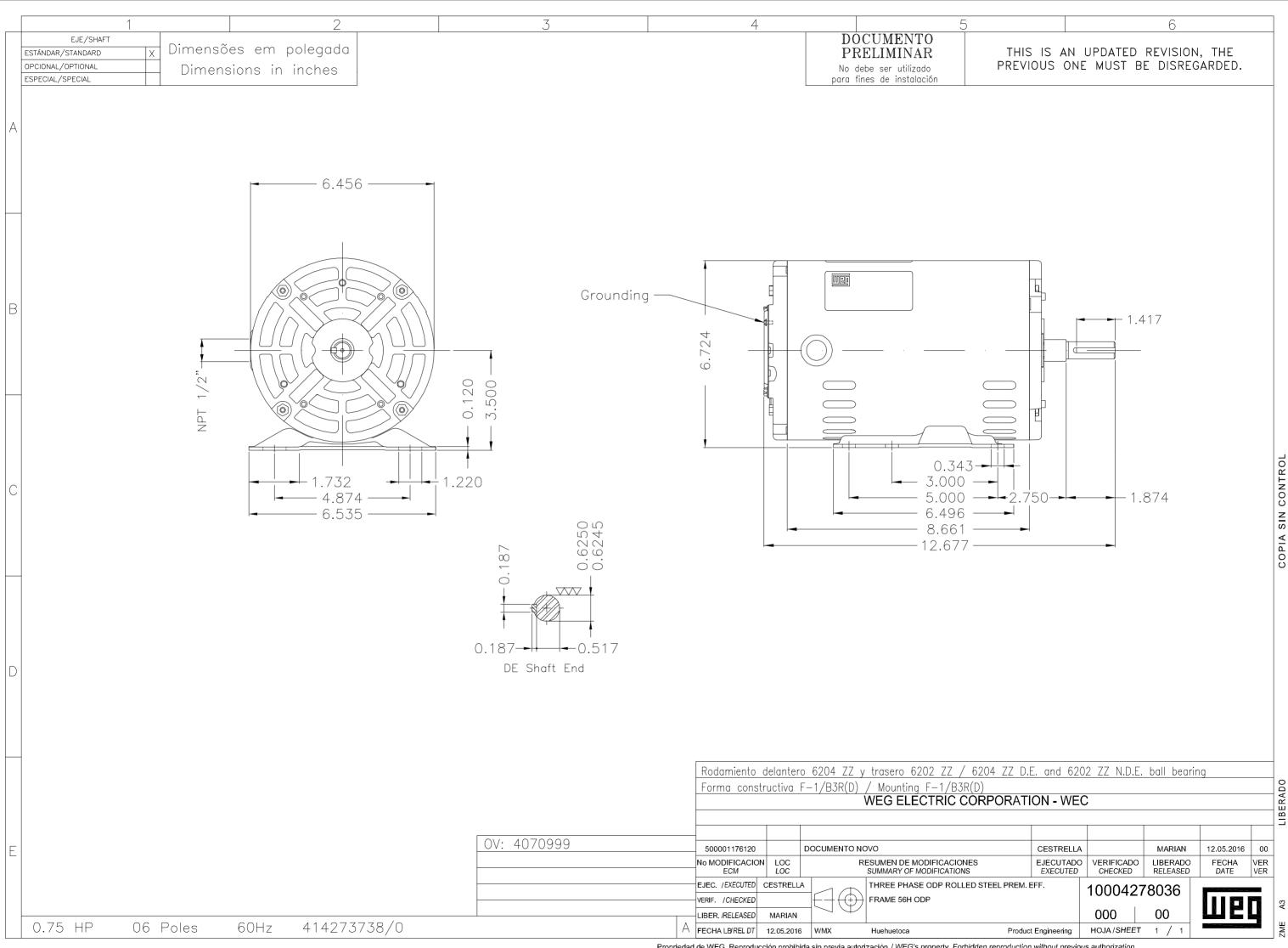
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Product line	· Pr	emium Efficienc	v Three-Ph	nase Pro	oduct code :	13617169 .7512OT3E56-S			
					italog # :				
100000 1			THERMAL LI	MIT CURVE					
10000									
-									
(5) a 1000									
Ê									
				4					
100									
					•				
						0	_		
10	1		2		3	4	5		
, , , , , , , , , , , , , , , , , , ,	-	🔶 Overload -	Current (pu) -	- 1 p.u. = 1.43 A (	(380 V)		-		
erformance	: 190	/380 V 50 Hz 6F	D						
ated current	: 2.8 : 4.6	6/1.43 A		Moment of ir Duty cycle	nertia (J)	: 0.1685 sq.ft. : Cont.(S1)	lb		
ated torque		7 ft.lb		Insulation cla Service facto		: F : 1.15			
cked rotor torque eakdown torque	%		Temperature		: 80 K	: 80 K			
ated speed	: 945	i rpm		Design		: A			
eating constant									
Rev.		hanges Summa			Performed	Checked	Date		

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



Propriedad de WEG. Reproducción prohibida sin previa autorización. / WEG's property. Forbidden reproduction without previous authorization

COUS LISTED COUS Energy Verified	CE			_				DE 0.67			50Hz 190-220/380-415V SF1.15	- 6	Inverter duty motor For 80Hz use on VPWM 1000:1 VT, 5:1 CT	MOBIL POLYREX EM		55477478479 IS 13-ORG 14-YEL	Out 12 T3 T5-BLK T8-GRY	У L1 L2 L3 Т9-ВРК RED	RES TO REVERSE THE ROTATION MCHCIENCE	WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before sericiting unit.	AVERTISSEMENT: Le moteur doit être mis à la terre <b>ente dertréprise</b> odes électriques locaux et nationaux afin d'éviter tout e. Déconnectez l'alimentation avant l'entretien de la machine.
LIED REMA	MADE IN MEXICO MAT: 13617169 V01.TO0IC0X0X MODEL 75120T3E56.S	17MAR2022 B/N:	PH 3 Hz 60	FR 56H	DUTY CONT.	ALT 1000 m.a.s.l	INS CL F AT 80K	AMB 40°C DES A	ENCL ODP CODE J	USABLE @ 208V 2.78A SE1 00	NATE RATING: 0.75HP	A	Inverter duty motor For	DE 6204-ZZ ODE 6202-ZZ					INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION	WARNING: Motor must be gro and national electrical cod shocks. Disconnect powe	Are the second statement of the motion of the multi all stree and conformation of the statement and code statement clocause at the allocause at the above statement and the second statement and the