# DATA SHEET

#### Three Phase Induction Motor - Squirrel Cage

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Frame     :90S     Cooling method     ::C411 - TEFC       Duty cycle     :S1     Rolation'     ::Both (CW and CCW)       Ambient temperature     ::20'C to +40'C     Rolation'     ::Both (CW and CCW)       Attitude     :1000 m.s.l.     Rolation'     ::Direct On Line       Attitude     :1000 m.s.l.     Approx.weight'     ::D.0055 kgm²       Design     :N     S0     60       Data (HP)     1.5     1.5     1.5       Order     :A     4     4     4       requency [ft2]     :50     S0     60       Stated voltage (V)     :300     4:15     :230:460       Rated voltage (A)     :18:2     7:8     :34:8:17.4       RC (A)     :2.3     :2.34     :4.10:05       RA meres (A)     :18:2     7:8     :34:8:17.5       Sign (S)     :3.67     :3.00     :2.50       Sign (S)     :3.67     :3.00     :2.50       Sign (S)     :3.67     :3.00     :2.50       Sign (S)     :3.67     :3.00	Product line	: W	/22 Tru-	Metric IE3 Thre	e-Phase	F	Product code :	12645158		
Dutput [HP]     1.5     1.5     1.5     1.5       Foles     4     4     4     4     4       Fequency [H2]     50     50     60     60       Stated vortent [A]     2.39     2.34     4.10/2.05     7.8     34.8/17.4       R. Amperes [A]     18.2     17.8     34.8/17.4     8.5     50 <td colspan="2">Insulation class Duty cycle Ambient temperature Altitude Protection degree</td> <td>:   : { : - : / :  </td> <td>= 51 20°C to +40°C 1000 m.a.s.l. P55</td> <td></td> <td colspan="2">Mounting Rotation<sup>1</sup> Starting method Approx. weight<sup>3</sup></td> <td>: B3L(E) : Both (CV : Direct Oi : 20.8 kg</td> <td colspan="2">: B3L(E) : Both (CW and CCW) : Direct On Line : 20.8 kg</td>	Insulation class Duty cycle Ambient temperature Altitude Protection degree		:   : { : - : / :	= 51 20°C to +40°C 1000 m.a.s.l. P55		Mounting Rotation <sup>1</sup> Starting method Approx. weight <sup>3</sup>		: B3L(E) : Both (CV : Direct Oi : 20.8 kg	: B3L(E) : Both (CW and CCW) : Direct On Line : 20.8 kg	
Frequency [Hz]     50     50     60       Rated voltage [M]     380     415     230/460       Rated current [A]     2.39     2.34     4.10/2.05       .R. Amperes [A]     18.2     17.8     34.8/17.4       Acid speed [RPM]     1.40     2.43/1.22     4.31/1.22       ated speed [RPM]     1.445     1455     1755       Stated speed [RPM]     0.753     0.748     0.620       cocked rot forque [%]     220     270     290       3reakdown torque [%]     255     3.20     350       Service factor     1.25     1.25     1.25       Ferrice rature rise     280 K     80 K     80 K     80 K       Cocked rot rite     275 (coid) 155 (hot)     275 (coid) 156 (hot)     275 (coid) 156 (hot)     75 (bot) 56 (hot)       Visite level*     49.0 dB(A)     49.0 dB(A)     49.0 dB(A)     510 dB(A)       Efficiency (%)     50%     84.7     84.1     84.5       25%     0.76     0.69     0.77     0.78       Losses at normative operating points (	-					1.5			1.5	
alied voltage (V)     380     415     230/460       Rated current (A)     2.39     2.34     4.10/2.05       R. Amperes (A)     18.2     17.8     34.8/17.4       RC (A)     7.6     7.6     8.5       Volad current (A)     1.20     1.40     2.43/1.22       Stated torque [kg/m]     0.753     0.748     0.620       ocked rotor torque [kg/m]     0.753     0.748     0.620       ocked rotor torque [kg/m]     0.753     0.748     0.620       ocked rotor torque [kg/m]     250     320     360       Service factor     1.25     1.25     1.25       Ferinperature rise     80 K     80 K     80 K     275 (cold) 15s (hot)     276 (col						4			-	
Rated ourment [A]     2.39     2.34     4.10/2.05				50						
.R. Amperes [A]     18.2     17.8     34.8/17.4       RC [A]     7.6     7.6     7.6     8.5       No load current [A]     1.20     1.40     2.43/1.22       Stated speed [RPM]     1445     1455     1755       Silp [%]     3.67     3.00     2.50       Stated forque [Kgfm]     0.753     0.748     0.620       Service factor     1.25     1.25     1.25       Bernice factor     1.25     1.25     1.25       Indication or pue [%]     250     320     350       Service factor     1.25     1.25     1.25       Indication or pue [%]     25%     25%     1.01       Efficiency (%)     25%     84.7     84.1     84.0       Indication of the shaft end     25%     0.57     0.75       Power Factor     50%     0.64     0.55     0.57       T5%     0.76     0.68     0.70     0.78       Losses at normative operating points (speed(torque), in percentage of rated output power     P1 (0.9,10)     17.4     14.0<										
RC [A]     7.6     7.6     8.5       Volad current [A]     1.20     1.40     2.43/1.22       Rated speed [RPM]     1445     1455     1755       Silp [%]     3.67     3.00     2.50       Sated torque [kgfm]     0.753     0.748     0.620       cocked rotor torque [%]     220     270     290       Srakdom torque [%]     255     1.25     1.25       State torque [%]     256     320     350       Service factor     1.25     1.25     1.25       Ifficiency (%)     275 (cold) 15s (hot)     275 (cold) 15s (hot)     275 (cold) 15s (hot)       Cocked rotor time     275 %     84.0     86.5     0.657       75%     84.7     84.1     84.6     86.5       25%										
No load current [A]     1.20     1.40     2.43/1.22       Rated speed [RPM]     1445     1455     1755       Rated speed [RPM]     0.753     0.748     0.620       cocked rotor torque [%]     220     270     290       3reakdown torque [%]     250     320     350       Service factor     1.25     1.25     1.25       Integrature rise     80 K     80 K     80 K     80 K       Service factor     1.25     1.25     1.25     1.25       losse level?     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)     51.0 dB(A)       voise level?     25%     84.7     84.1     84.0       Colse level?     50%     0.64     0.55     0.57       T5%     0.76     0.69     0.70     0.78       Losses at normative operating points (speed:torque), in percentage of rated output power     14.6     14.2       Losses (%)     P1 (0.9; 1.0)     17.4     16.7     14.6       P2 (0.5; 0.5)     7.1     6.8     6.0       P6 (0.5; 0.25)								3		
Rated speed [RPM]     1445     1455     1755       Silp [%]     3.67     3.00     2.50       Sated torque [kgfm]     0.753     0.748     0.620       cocked rotor torque [%]     220     270     290       acaded torque [%]     2250     320     350       Service factor     1.25     1.25     1.25       Temperature rise     80 K     80 K     80 K     80 K       Cocked rotor time     27s (cold) 15s (hot)     27s (cold) 15s (hot)     27s (cold) 15s (hot)     27s (cold) 15s (hot)       Voise level?     49.0 dB(A)     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)       Cocked rotor time     25%     -     -     -       Efficiency (%)     50%     84.0     82.0     80.0       75%     0.76     0.69     0.77     0.78       Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.77     0.78       Losses at normative operating points (speed; torque), in percentage of rated output power     -     - </td <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		•								
Silp [%]     3.67     3.00     2.50       Rated torque [%]     0.753     0.748     0.620       Sceled tor torque [%]     220     270     280       Serive factor     1.25     1.25     1.25       Ferrive factor     1.25     1.25     1.25       Ferrive factor     1.26     1.25     1.25       Ferrive factor     278 (cold) 158 (hot)     278 (cold) 158 (hot)     278 (cold) 158 (hot)       Vise level?     25%     49.0 dB(Å)     49.0 dB(Å)     51.0 dB(Å)       Sip (%)     50%     84.0     82.0     80.0       Sip (%)     50%     84.0     82.0     80.0       Sip (%)     50%     84.7     84.1     84.0       100%     84.3     84.8     86.5       25%     0.76     0.69     0.70       Losses at normative operating points (speed,torque), in percentage of rated output power     9     8.6       P2 (0.5,1.0)     14.2     13.7     11.9       P3 (0.2,5)     7.1     6.8     6.0       P6 (0								2		
Rated forque [kg/m]     0.753     0.748     0.620       cocked rotor torque [%]     220     270     290       cocked rotor torque [%]     220     320     380       Service factor     1.25     1.25     1.25       Imperature rise     80 K     80 K     80 K     80 K       cocked rotor time     275 (cold) 15s (hot)     275 (cold) 15s (hot)     275 (cold) 15s (hot)     275 (cold) 15s (hot)       cocked rotor time     25%     49.0 dB(A)     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)       Efficiency (%)     50%     84.0     82.0     80.0     82.0       Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70       100%     0.83     0.77     0.78       Losses at normative operating points (speed, torque), in percentage of rated output power     P3 (0.25,10)     14.2     13.7     11.9       P3 (0.25,10)     14.5     14.0     12.2     12.2       P4 (0.9,0,5)     10.3     9.9     8.6     6.0		1j								
cocked rotor torque [%]     220     270     290       3reakdown torque [%]     250     320     350       Service factor     1.25     1.25     1.25     1.25       Fernice factor     1.25     1.25     1.25     1.25     1.25       cocked rotor time     275 (cold) 155 (hot)     276 (cold) 155 (hot)     275 (cold) 150 (hot)		1								
Breakdown torque [%]     250     320     350       Service factor     1.25     1.25     1.25       Emperature rise     80 K     80 K     80 K     80 K       Locked rotor time     27s (cold) 15s (hot)     27s (cold) 15s										
Service factor     1.25     1.25     1.25     1.25       Termperature rise     80 K     80 K     80 K     80 K       cocked rotor time     275 (cold) 15s (hot)     275 (cold) 15s (hot)     275 (cold) 15s (hot)     275 (cold) 15s (hot)       Noise level*     49.0 dB(A)     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)       Efficiency (%)     75%     84.7     84.1     84.0       75%     84.7     84.8     86.5       25%										
Temperature rise     80 K     80 K     80 K     80 K       cocked rotor time     27s (cold) 15s (hot)     27s (cold) 15s (hot) <td></td> <td>[%]</td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td>		[%]								
Locked rotor time     27s (cold) 15s (hot)     27s (cold) 15s (hot)     27s (cold) 15s (hot)       Voise level*     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)       Efficiency (%)     50%     84.0     82.0     80.0       75%     84.7     84.1     84.0       100%     84.3     84.8     86.5       Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70     0.78       Losses at normative operating points (speed; torque), in percentage of rated output power     16.7     14.6       P2 (0.51.0)     14.2     13.7     11.9       P3 (0.25;1.0)     14.5     14.0     12.2       P3 (0.25;0.5)     7.1     6.8     6.0       P5 (0.5;0.5)     7.1     6.8     6.0       P6 (0.5;0.25)     5.6     5.4     4.7       P3 (0.25;1.0)     14.2     13.7     11.9       Lobrication interval     :     -     -       Lubrication interval     :     -     -       Lubrication intev										
Noise level*     49.0 dB(A)     49.0 dB(A)     51.0 dB(A)       Efficiency (%)     25%					o (hct)			07- (		
Efficiency (%)     25%     84.0     82.0     80.0       75%     84.7     84.1     84.0       100%     84.3     84.8     86.5       25%           Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power          Losses at normative operating points (speed;torque), in percentage of rated output power          Losses (%)     P1 (0.9;1.0)     17.4     16.7     14.6       P2 (0.5;1.0)     14.2     13.7     11.9       P3 (0.25;1.0)     14.5     14.0     12.2       P4 (0.9;0.5)     10.3     9.9     8.6       P5 (0.5;0.5)     7.1     6.8     6.0       P6 (0.5;0.25)     4.1     4.0     3.4       Drive end     Non drive end     Max. traction     : 51 kgf       Sealing     :     Wobil Polyrex EM </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
Efficiency (%)     50%     84.0     82.0     80.0       75%     84.7     84.1     84.0       100%     84.3     84.8     86.5       Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70       100%     0.83     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     14.6     14.6       P2 (0.5;1.0)     17.4     16.7     14.6       P2 (0.5;1.0)     14.2     13.7     11.9       P3 (0.25;1.0)     14.5     14.0     12.2       P4 (0.9;0.5)     7.1     6.8     6.0       P6 (0.5;0.25)     5.6     5.4     4.7       P7 (0.25;0.25)     5.6     5.4     4.7       Lubrication interval     -     -     -       Lubrication mount     -     -     -       Lubrication replaces and cancel the previous one, which must be eliminated.     -     -       (1) Looking the motor from the shaft end.     2     -     <	NUISE IEVEI-	050/		49.0 aB(	A)	4	+9.0 uB(A)	5	1.0 UD(A)	
Efficiency (%)     75%     84.7     84.1     84.0       100%     84.3     84.8     86.5       Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70       100%     0.83     0.77     0.78       Losses at normative operating points (speed; torque), in percentage of rated output power     92 (0.5;1.0)     17.4     16.7     14.6       P2 (0.5;1.0)     14.2     13.7     11.9     13.7     11.9       Losses (%)     P4 (0.9;0.5)     10.3     9.9     8.6     6.0       P5 (0.5;0.25)     5.6     5.4     4.7     77       P7 (0.25;0.25)     4.1     4.0     3.4       Drive end     Non drive end     Max. traction     :51 kgf       Lubricant mount     :     -     -     .       Lubricant mount     :     -     -     .       Lubricant type     :     Mobil Polyrex EM     Max. traction     :51 kgf       This revision replaces and cancel the previous one, which must be eliminated.				94.0		00.0			90.0	
100%     84.3     84.8     86.5       Power Factor     50%     0.64     0.55     0.57       100%     0.83     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     11.9     14.6       Power Factor     P1 (0,9;1,0)     17.4     16.7     14.6       P2 (0,5;1,0)     14.2     13.7     11.9       P3 (0,25;1,0)     14.5     14.0     12.2       P4 (0,9;0,5)     7.1     6.8     6.0       P5 (0,5;0,5)     7.1     6.8     6.0       P5 (0,5;0,5)     7.1     6.8     6.0       Bearing type     :     6205 ZZ     6204 ZZ     Max. traction     : 51 kgf       Lubricant amount     :     -     -     -     -       Lubricant mount     :     -     -     -     - <	Efficiency (%)									
Power Factor     25%										
Power Factor     50%     0.64     0.55     0.57       75%     0.76     0.69     0.70     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     11.9     17.4     16.7     14.6       P2 (0.5;1,0)     14.2     13.7     11.9     12.2       P3 (0.25;1,0)     14.5     14.0     12.2       P4 (0.9;0,5)     7.1     6.8     6.0       P5 (0.5;0,5)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0.25;0,25)     4.1     4.0     3.4       P7 (0.25;0,25)     4.1     4.0     3.4       Drive end     Non drive end Mondrive end Max. compression     1.72 kgf       Lubricant mount     -     -     -       Lubricant type     Mobil Polyrex EM     Max. compression     : 72 kgf       This revision replaces and cancel the previous one, which must be eliminated.     Neepidy subject to the tolerances stipulated in NEM/ MG-1. <td></td> <td></td> <td></td> <td>04.3</td> <td></td> <td colspan="2">04.0</td> <td></td> <td>00.0</td>				04.3		04.0			00.0	
Power Factor     75%     0.76     0.69     0.70       100%     0.83     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     0.77     0.78       Losses (%)     P1 (0,9;1,0)     17.4     16.7     14.6       P2 (0,5;1,0)     14.2     13.7     11.9       P3 (0,25;1,0)     14.5     14.0     12.2       P4 (0,9;0,5)     10.3     9.9     8.6       P5 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     5.6     5.4     4.7       Bearing type     :     6205 ZZ     6204 ZZ     Max. traction     : :51 kgf       Sealing     :     V'Ring     V'Ring     Max. traction     : :72 kgf       Lubrication interval     :     -     -     -     -       Lubricant type     :     Mobil Polyrex EM     These are average values based o				0.64		0.55		0.57		
100%     0.83     0.77     0.78       Losses at normative operating points (speed;torque), in percentage of rated output power     P1 (0,9;1,0)     17.4     16.7     14.6       P2 (0,5;1,0)     14.2     13.7     11.9     12.2       P3 (0,25;1,0)     14.5     14.0     12.2       P3 (0,5;0,5)     7.1     6.8     6.0       P5 (0,5;0,5)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Bearing type     :     6205 ZZ     6204 ZZ     Max. traction     : 51 kgf       Sealing     :     V'Ring     V'Ring     Max. compression     : 72 kgf       Lubricant amount     :     -     -     -     -       Lubricant type     Mobil Polyrex EM     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).     .     .	Power Factor									
Losses at normative operating points (speed;torque), in percentage of rated output power       Losses at normative operating points (speed;torque), in percentage of rated output power       P1 (0,9;1,0)     17.4     16.7     14.6       P2 (0,5;1,0)     14.2     13.7     11.9       P3 (0,25;1,0)     14.5     14.0     12.2       P3 (0,5;0,5)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Bearing type     :     6205 ZZ     6204 ZZ     Max. traction     :										
Losses (%)     P1 (0,9;1,0)     17.4     16.7     14.6       P2 (0,5;1,0)     14.2     13.7     11.9       P3 (0,25;1,0)     14.5     14.0     12.2       P4 (0,9;0,5)     10.3     9.9     8.6       P5 (0,5;0,5)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Bearing type     :     6204 ZZ     Kax. traction     ::     51 kgf       Sealing     :     V'Ring     V'Ring     Max. compression     ::     72 kgf       Lubrication interval     :     -     -     -     14.0     3.4       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.       (2) Measured at 1m and with tolerance of +3dB(A).     .     .     .       (2) Measured at 1m and with tolerance of +3dB(A).     .     .     .     .       (4) At 100% of full load.     .     Performed <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>-</td></td<>								1	-	
Losses (%)     P2 (0,5;1,0)     14.2     13.7     11.9       P3 (0,25;1,0)     14.5     14.0     12.2       P4 (0,9;0,5)     10.3     9.9     8.6       P5 (0,5;0,5)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Drive end Non drive end cols 5.4       Bearing type     :     6205 ZZ     6204 ZZ       Sealing     :     V'Ring     V'Ring       Lubrication interval     :     -     -       Lubricant amount     :     -     -       Lubricant type     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).     (3) Approximate weight subject to changes after manufacturing process.     (4) At 100% of full load.     Performed     Checked by     Page     Revision	Losses at normati	ve opera							14 6	
Losses (%)     P3 (0.25,1.0)     14.5     14.0     12.2       P4 (0,9;0.5)     10.3     9.9     8.6       P5 (0,5;0,25)     7.1     6.8     6.0       P6 (0,5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Drive end Scot ZZ     6204 ZZ       Sealing     :     V'Ring     V'Ring       Lubrication interval     :     -     -       Lubrication interval     :     -     -       Lubrication replaces and cancel the previous one, which must be eliminated.     Mobil Polyrex EM     Max. traction     : 51 kgf       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/       (2) Measured at 1m and with tolerance of +3dB(A).     (3) Approximate weight subject to changes after manufacturing process.     WG-1.     MG-1.       Rev.     Changes Summary     Performed     Checked     Date       Performed by     Checked by     Page     Revision										
Losses (%)     P4 (0.9.0.5)     10.3     9.9     8.6       P5 (0.5;0,5)     7.1     6.8     6.0       P6 (0.5;0,25)     5.6     5.4     4.7       P7 (0,25;0,25)     4.1     4.0     3.4       Drive end Non drive end Cols ZZ 6204 ZZ       Sealing     :     V'Ring     V'Ring       Lubrication interval     :     -     -       Lubrication replaces and cancel the previous one, which must be eliminated.     Mobil Polyrex EM     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.     MG-1.     MG-1.       (2) Measured at 1m and with tolerance of +3dB(A).     MG-1.     MG-1.     Performed     Date       Rev.     Changes Summary     Performed     Checked     Date       Performed by										
P5 (0,5;0,5)   7.1   6.8   6.0     P6 (0,5;0,25)   5.6   5.4   4.7     P7 (0,25;0,25)   4.1   4.0   3.4     Drive end Non drive end Colspan="2">Foundation loads     Bearing type   :   6205 ZZ   6204 ZZ     Sealing   :   V'Ring   V'Ring     Lubrication interval   :   -   -     Lubrication interval   :   -   -     Lubrication replaces and cancel the previous one, which must be eliminated.   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.     (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     Performed Checked Date     Performed by     Checked by   Page   Revision										
P6 (0,5;0,25)5.65.44.7P7 (0,25;0,25)4.14.03.4Bearing type:6205 ZZ6204 ZZSealing:V'RingV'RingLubrication interval:Lubricant amount:Lubricant type:Mobil Polyrex EMThis 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.These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.Rev.Changes SummaryPerformedCheckedDatePerformed by	L033C3 ( /0)									
P7 (0,25;0,25)   4.1   4.0   3.4     Bearing type   :   6205 ZZ   6204 ZZ   Foundation loads   Max. traction   :   51 kgf     Sealing   :   V'Ring   V'Ring   V'Ring   Max. traction   :   :   51 kgf     Lubrication interval   :   -   -   -   .   .   Max. compression   :   :   72 kgf     Lubricant amount   :   -   -   -   . <td colspan="2" rowspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td>										
Drive end Bearing type   Drive end 6205 ZZ   Non drive end 6205 ZZ   Foundation loads     Sealing   V'Ring   V'Ring   Max. traction   : 51 kgf     Lubrication interval   -   -   -     Lubricant amount   -   -   -     Lubricant type   Mobil Polyrex EM   Max. compression   : 72 kgf     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.   (4) At 100% of full load.   Performed   Checked   Date     Performed by										
Bearing type   :   6205 ZZ   6204 ZZ     Sealing   :   V'Ring   V'Ring     Lubrication interval   :   -   -     Lubricant amount   :   -   -     Lubricant type   :   Mobil Polyrex EM   Max. traction   :   :   :     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/     (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 by						1	-		J.T	
Sealing   :   V'Ring   V'Ring   Ion region     Lubrication interval   :   -   -     Lubricant amount   :   -   -     Lubricant type   :   Mobil Polyrex EM   Max. compression   : 72 kgf     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).   MG-1.     (3) Approximate weight subject to changes after manufacturing process.   (4) At 100% of full load.   Performed   Checked     Rev.   Changes Summary   Performed   Checked   Date     Performed by   Page   Revision	Bearing type							Ed leaf		
Lubrication interval   :   -   -     Lubricant amount   :   -   -     Lubricant type   :   Mobil Polyrex EM   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			:							
Lubricant amount   :   -   -     Lubricant type   :   Mobil Polyrex EM     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).   MG-1.     (3) Approximate weight subject to changes after manufacturing process.   (4) At 100% of full load.   Performed   Checked   Date     Performed by			:					2		
Lubricant type   : Mobil Polyrex EM     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 (2) Measured at 1m and with tolerance of +3dB(A).     (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			:							
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### DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Notes

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Rev.		Changes Summary	Performed	Checked	Date
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Date	14/01/2024			2/5	

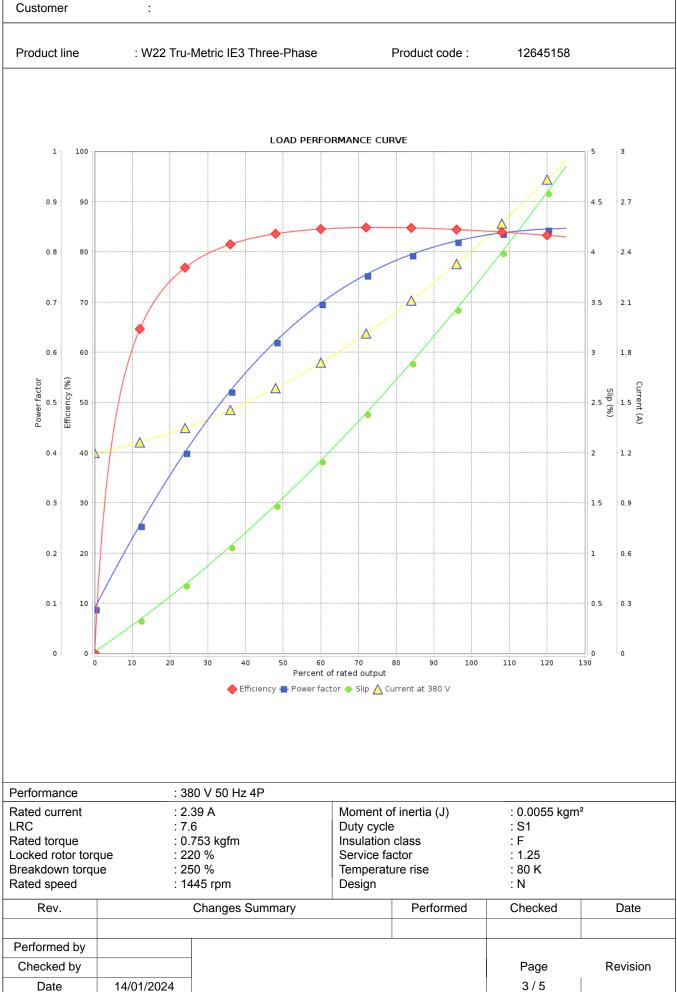
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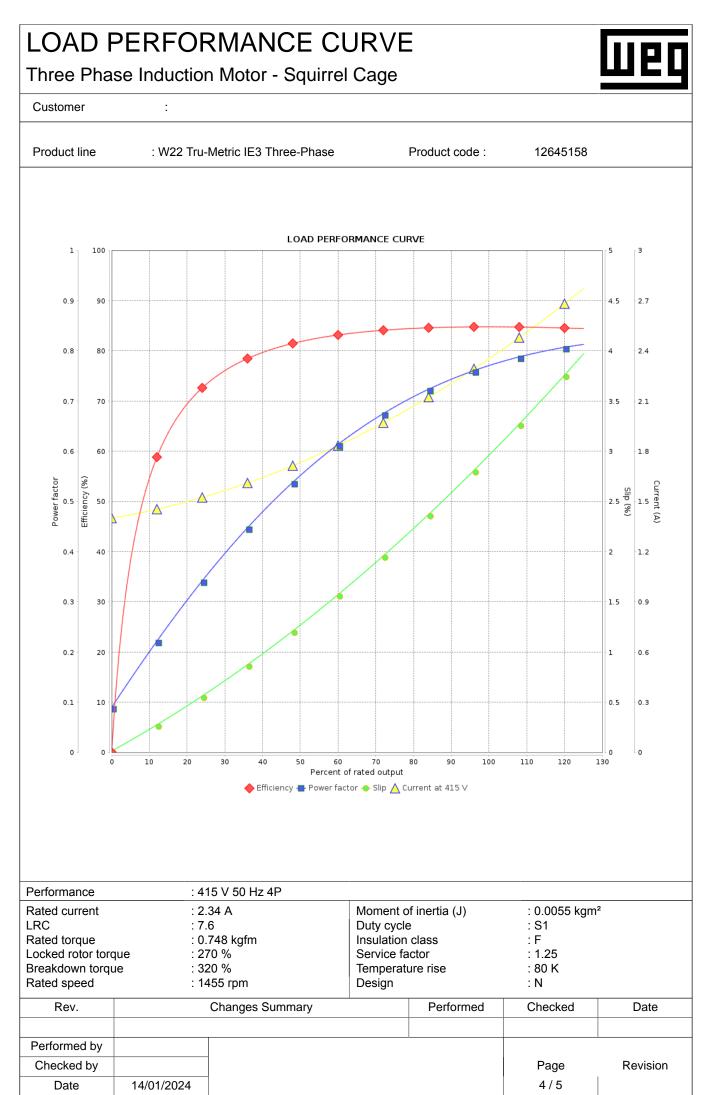
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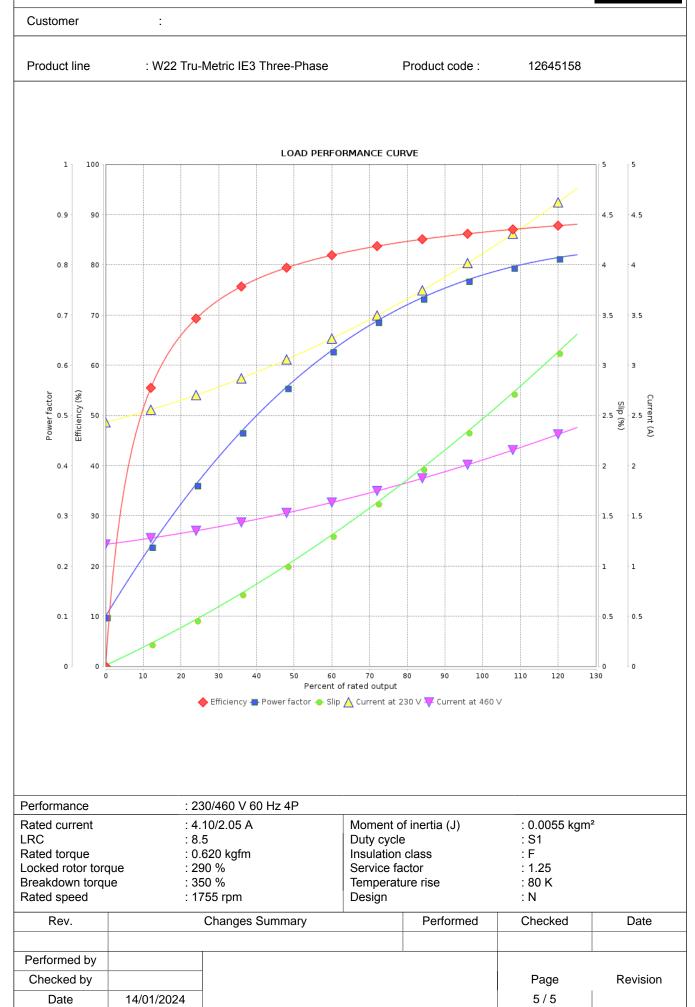


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