DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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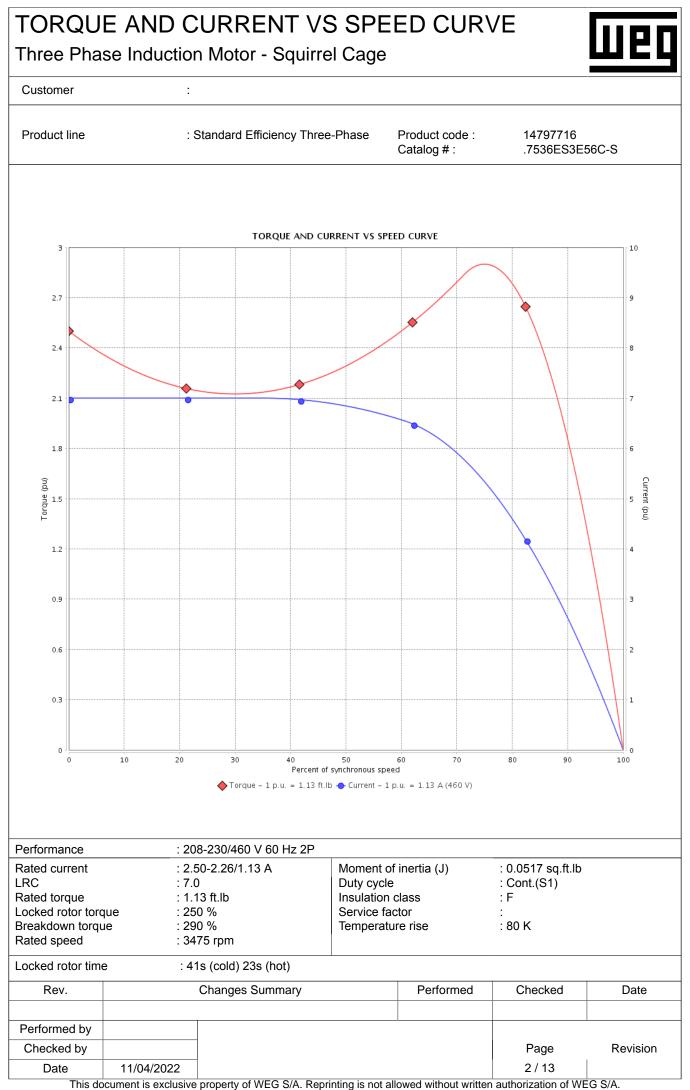


Rated voltage [V] 208-230/460 190/380 220/415 Rated current [A] 2.50-2.26/1.13 2.52/1.26 2.28/1.21 L. R. Amperes [A] 17.5-15.8/7.91 13.9/6.9.3 13.7/7.26 LRC [A] 7.0x(Code K) 5.5x(Code G) 6.0x(Code H) No load current [A] 0.948-1.100.550 5.83 5.17 Rated speed [RPM] 3.47 5.83 5.17 Rated speed [RIb] 1.13 1.39 1.38 Locked rotrot torque [%] 250 180 210 Breakdown torque [%] 290 220 250 Service factor 1.00 1.00 1.00 Temperature rise 80 K 105 K 80 K Locked rotor time 415 (cold) 238 (hot) 552 (cold) 298 (hot) 465 0.08[A] Noise level ^T 68.0 dB(A) 65.0 dB(A) 66.0 dB(A) 65.0 dB(A) Noise level ^T 68.0 dB(A) 65.0 dB(A) 66.0 dB(A) 65.0 dB(A) Seting 50% 0.70 0.77 0.72 0.73.4	Product line		: Standard Efficiency Three-Pt	hase Product code : Catalog # :	14797716 .7536ES3E56	C-S
Poles 2 2 2 2 Fequency [Hz] 60 50 50 Rated voltage [V] 226-226/1.13 2.52/1.26 2.28/1.21 R. Amperes [A] 17.6-15.87.91 13.9/6.93 13.77.26 R.R. (Figures [A] 7.0x(Code K) 5.5x(Code G) 6.0x(Code H) No load current [A] 0.948-1100.550 10.50.526 1.14/0.602 Rated torque [R] 3.47 5.83 5.17 Rated forque [K] 2.250 1.80 210 Stated speed [RPM] 3.47 5.83 5.17 Stated forque [K] 2.250 1.80 210 Breakdown torque [%] 290 1.00 1.00 State forque [%] 290 220 250 Breakdown torque [%] 250 1.80 2710 State forque [%] 250 1.00 1.00 Intermetrature rise 80 K 1.00 1.00 Intermetrature rise 80 K 1.00 1.00 State factor 7.0.	Insulation class Duty cycle Ambient tempera Altitude		: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l.	Mounting Rotation ¹ Starting method Approx. weight ³	: F-1 : Both (CW ar : Direct On Liı : 21.4 lb	nd CCW) ne
Poles 2 2 2 2 2 Requency [Hz] 60 50 50 50 Rated outrent [A] 2.50-2.26/1.13 2.52/1.26 2.28/1.21 2.28/1.21 L. R. Amperers [A] 1.7.5-15.8/7.91 1.3.96.93 13.7/7.26 1.7.7.26 L.R.C [A] 7.0x(Code K) 5.5x(Code G) 6.0x(Code H) 6.0x(Code H) No load current [A] 0.948-1100.550 1.05/0.526 1.14/0.602 Rated speed [RPM] 3.47 5.83 5.17 Rated forque [%] 250 180 210 Breakdown torque [%] 2260 180 210 Breakdown torque [%] 250 180 210 Breakdown torque [%] 250 180 210 Breakdown torque [%] 250 180 210 50 68.0 68.3 70.1 68.3 Locked rotor time 418 (coid) 235 (hot) 552 (coid) 258 (hot) 468.0 GB(A) 65.0 GB(A) 65.0 69.2 25% 0.45 0.49 0.73 69.2 73.	Output [HP]		0.75	0.75	0.	75
Rated voltage [V] 206-230/460 190/380 220/415 Rated current [A] 2.60-226/1.13 2.52/1.26 2.28/1.21 LR Amperes [A] 17.5-15.8/7.91 1.3.96.83 13.377.26 LRC [A] 7.0x(Code K) 5.5x(Code G) 6.0x(Code H) No load current [A] 0.948-1100.550 10.570.526 1.140/ 602 Rated speed [RPM] 3.47 5.83 5.17 Rated proue [%] 250 1.80 210 Ereskdown torque [%] 290 220 250 Service factor 1.00 1.00 1.00 1.00 Femperature rise 80 K 105 K 80 K 1005 K Icoked rotor time 41s (cold) 23s (hot) 52s (cold) 29s (hot) 46s (cold) 26s (hot) Noise level ² 68.0 dB(A) 65.0 dB(A) 668.3 668.3 Efficiency (%) 25% 0.45 0.44 73.3 100% 0.79 0.86 0.83 100% 0.79 0.86 0.83 100% 0.			2	2		2
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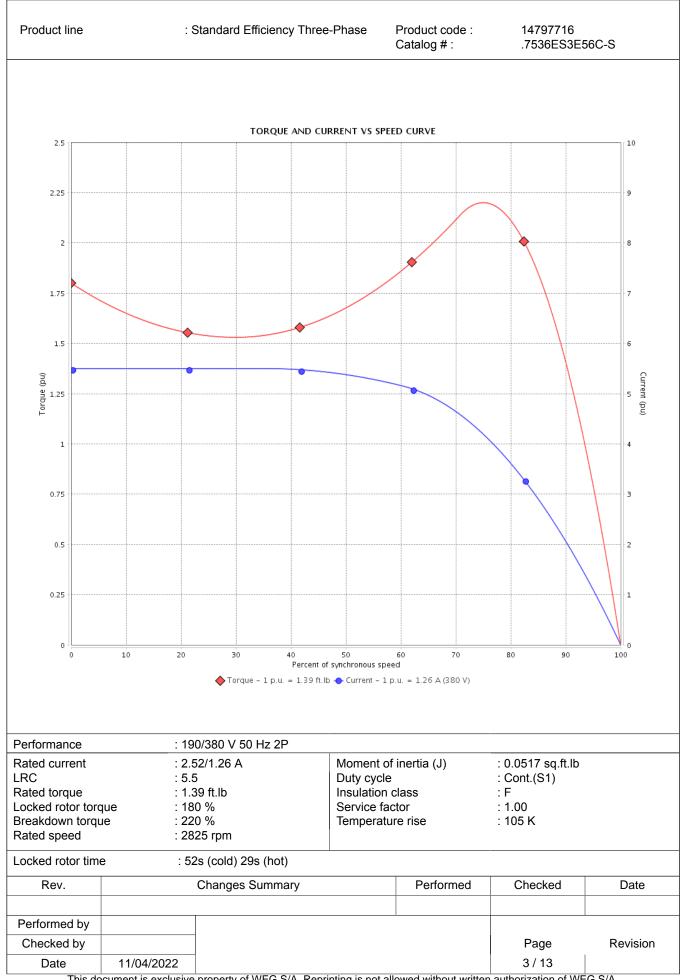
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

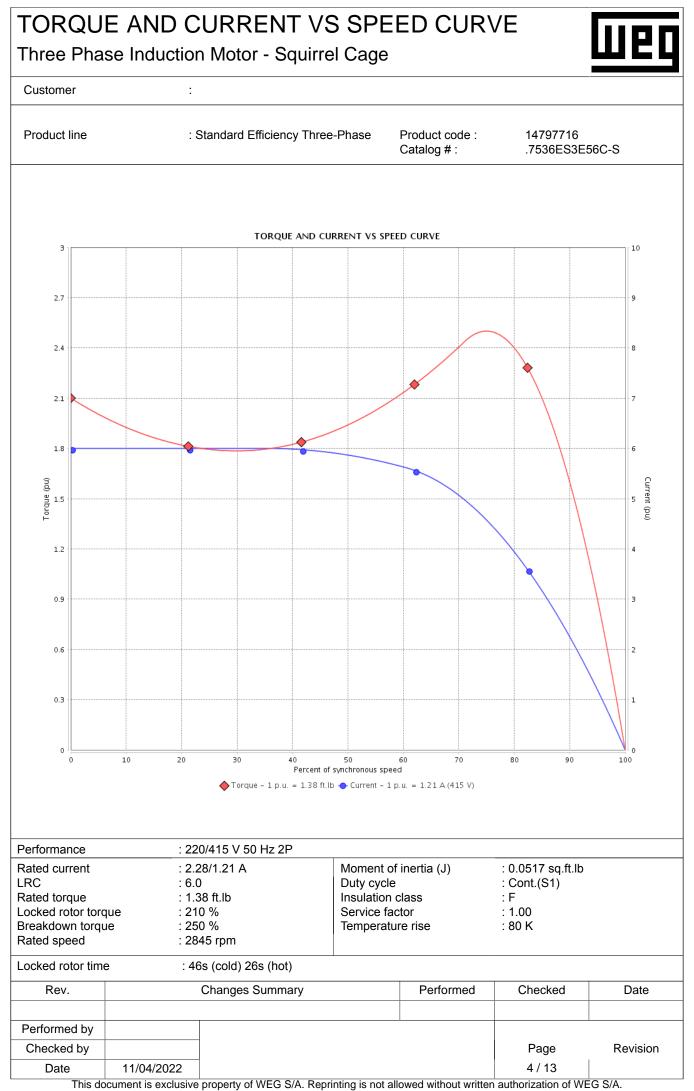
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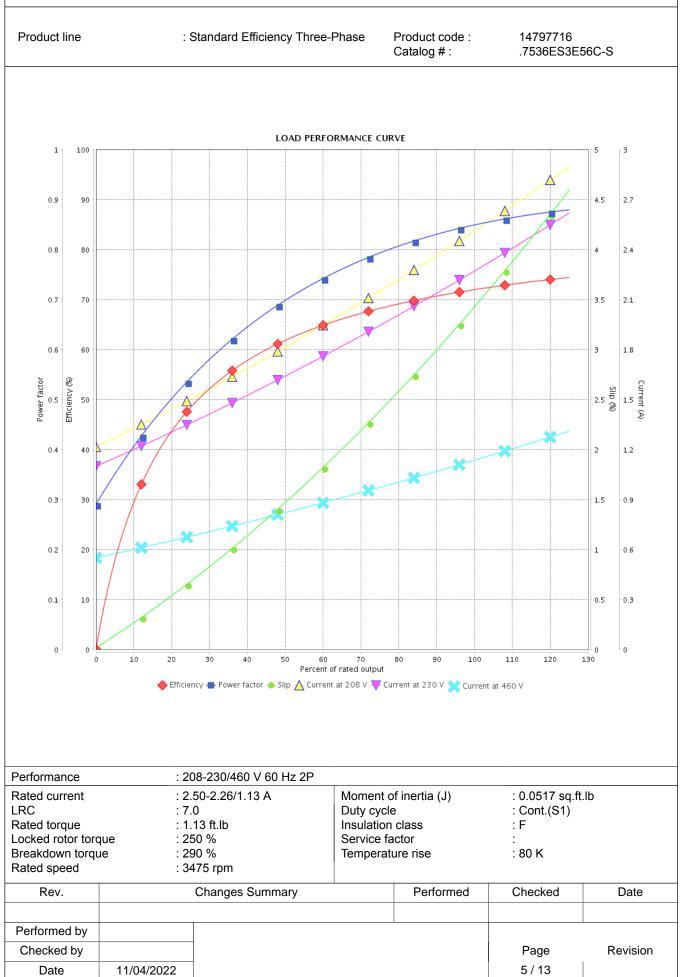
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LOAD PERFORMANCE CURVE

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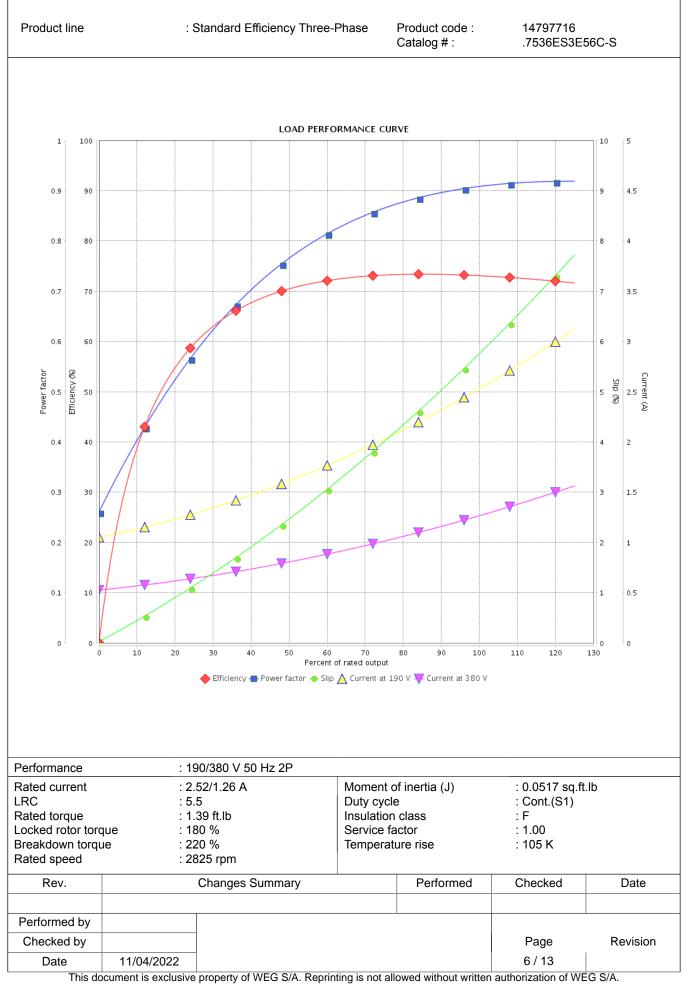
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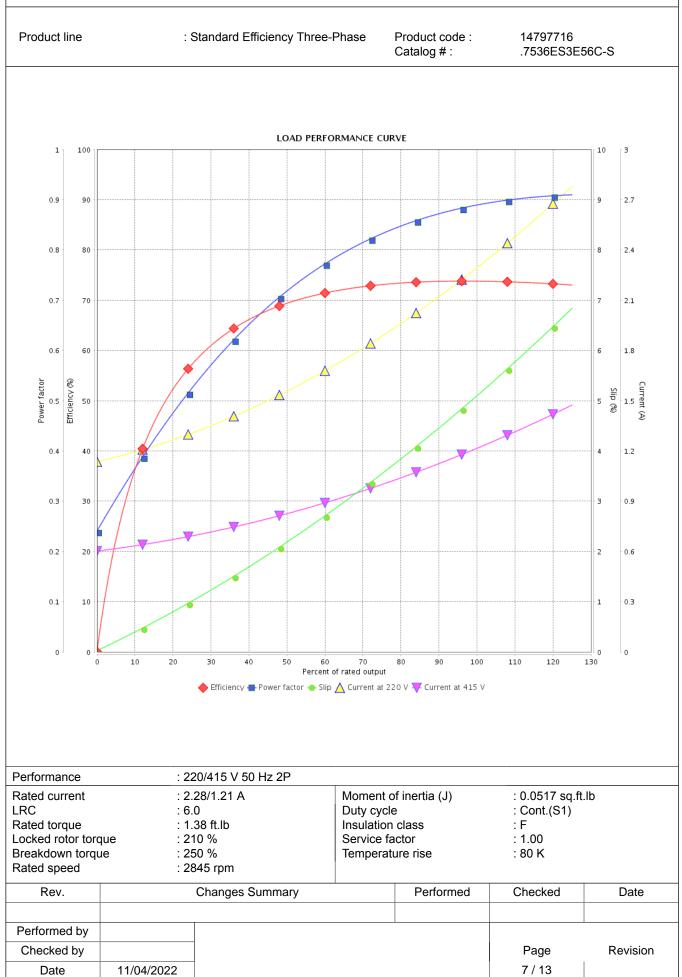


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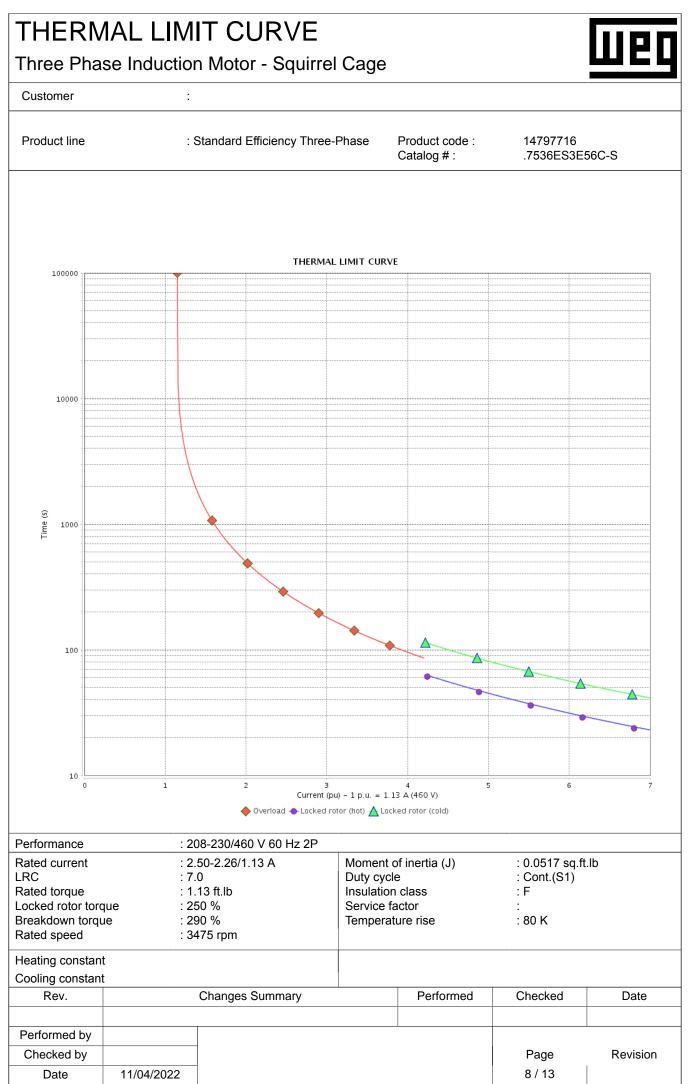
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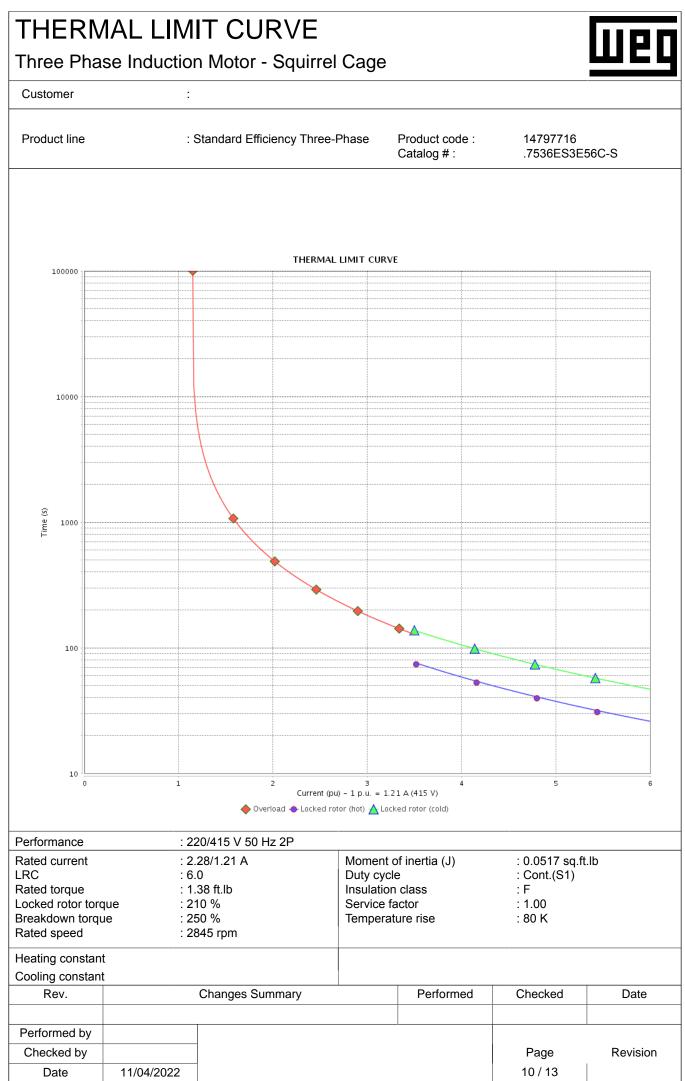
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Customer	:						
Product line	: 5	Standard Efficier	ncy Three-P	hase	Product code : Catalog # :	14797716 .7536ES3E	56C-S
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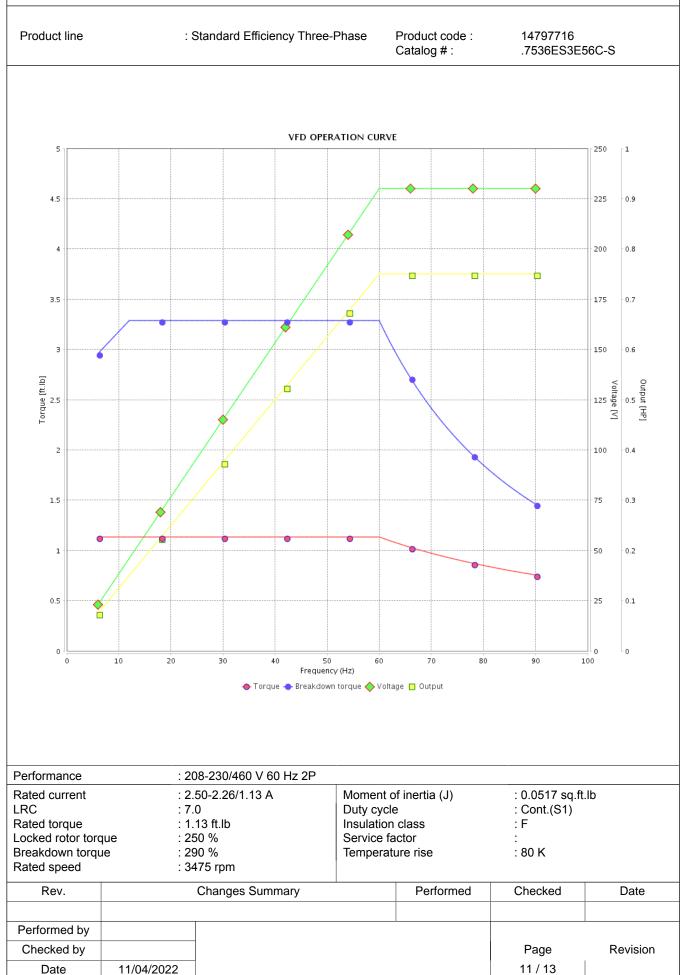
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VFD OPERATION CURVE

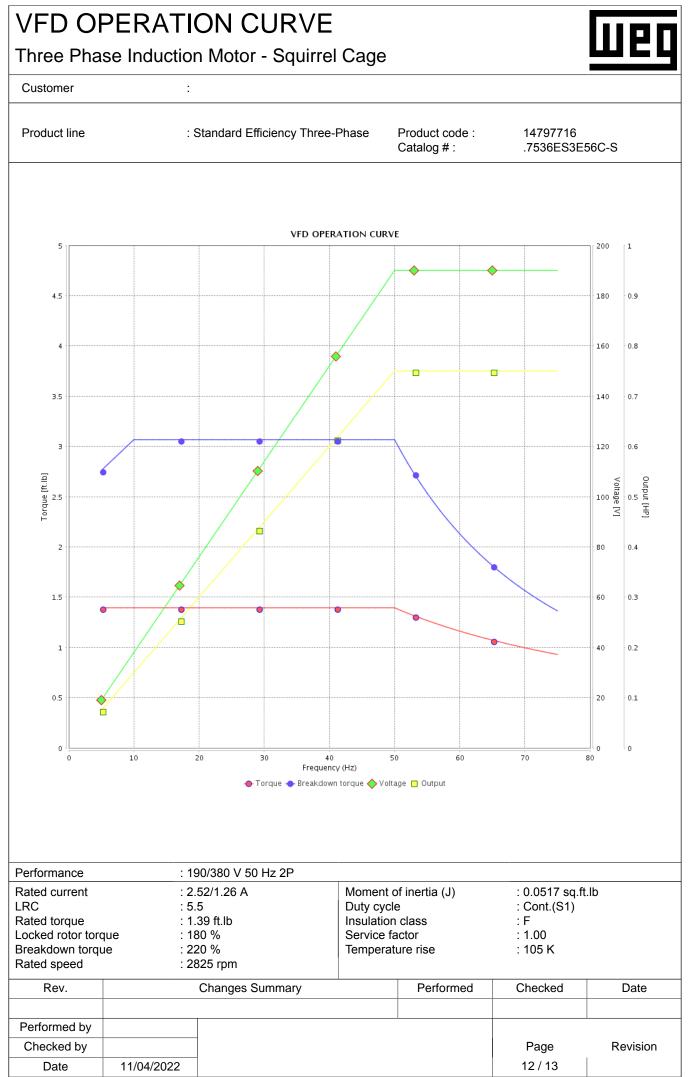
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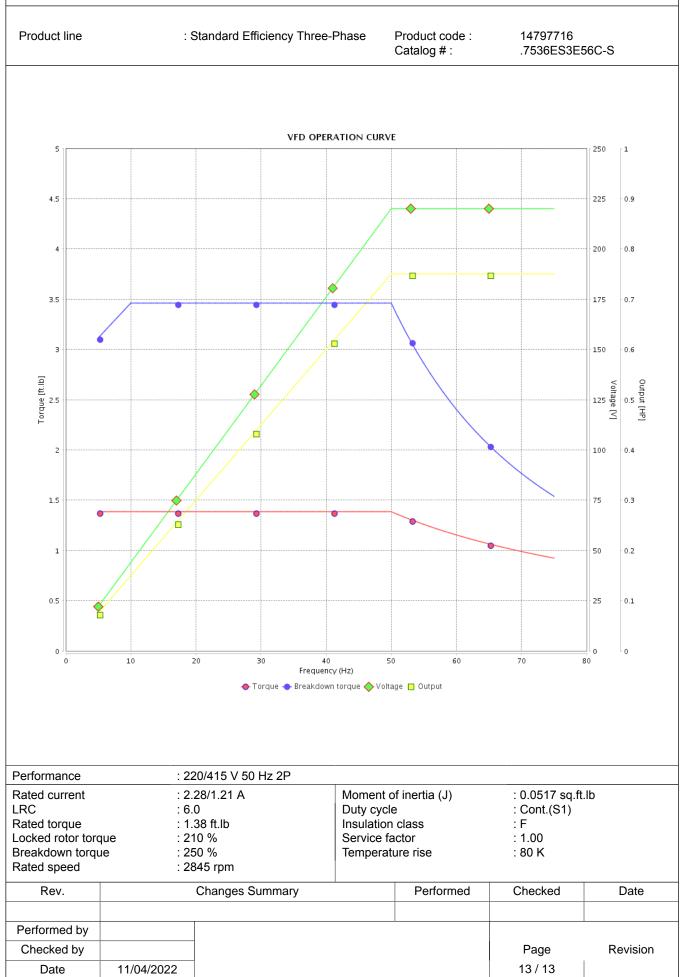
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VFD OPERATION CURVE

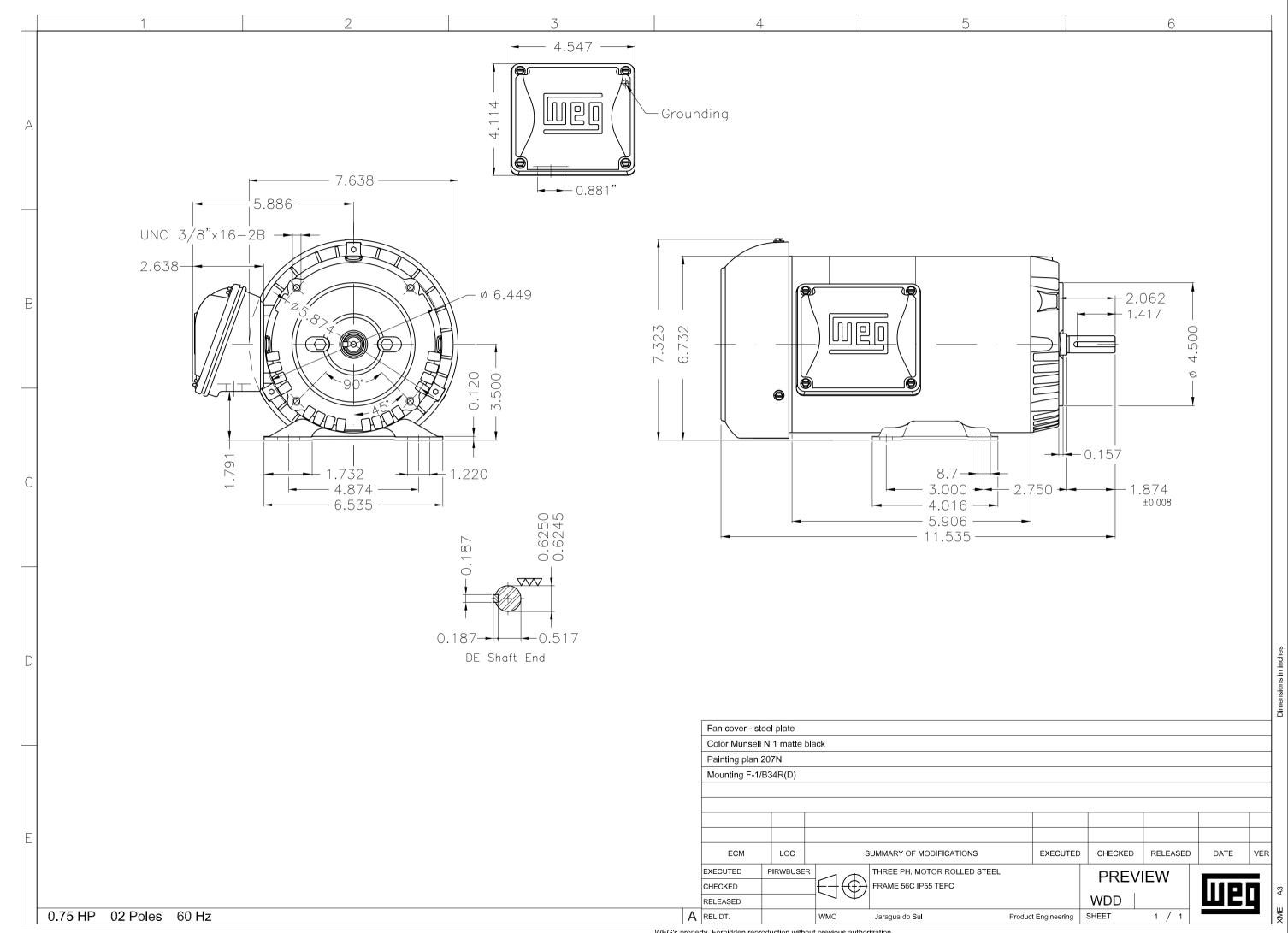
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MAT: 14797716 W01.TEOIC0X0X

MODEL 7536ES3E56C-S

Class I, DIv.2, Gr. A,B,C,D - T3 Div 2 Inverter Duty (SF1.00)

For 60Hz: Class I, Zone 2, IIC

08APK2022 1	B/N:	CT 2:1/VT 1000:1
-	Hz 60	HP 0.75
56C		kW 0.55
DUTY CONT.		V 208-230/460
1000 m.a.s.	_	A 2.50-2.26/1.13
NS CL F AT 80K	IP55	_
40°C	DES -	SF 1.15
ENCL TEFC	CODE K	PDM 9475
USABLE @ 208V SF1.00	SF1.00	NCT 8 34/5 NEM 72.0%
ATE RATI	ALTERNATE RATING: 0.75HP	50Hz 190-220/380-415V SF1.00
2.52-2.26/1.26-1.20A		2825RPM EFF 73.0% (IE1) IEC 60034-1
afe area-Im	verter duty mo	For safe area-Inverter duty motor For 60Hz use on VPWM 1000:1 VT, 10:1 CT
DE 6203-ZZ	ODE 6202-ZZ	MOBIL POLYREX EM



chocks. Disconnect power source before servicing unit. ind national electrical codes to prevent serious electrical

nentation avant l'entretien de la machine conformément aux codes électriques locaux et nationaux afin d'éviter tout AVERTISSEMENT: Le moteur doit être mis à la terre chos électrique grave. Déconnectez l'alli