DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

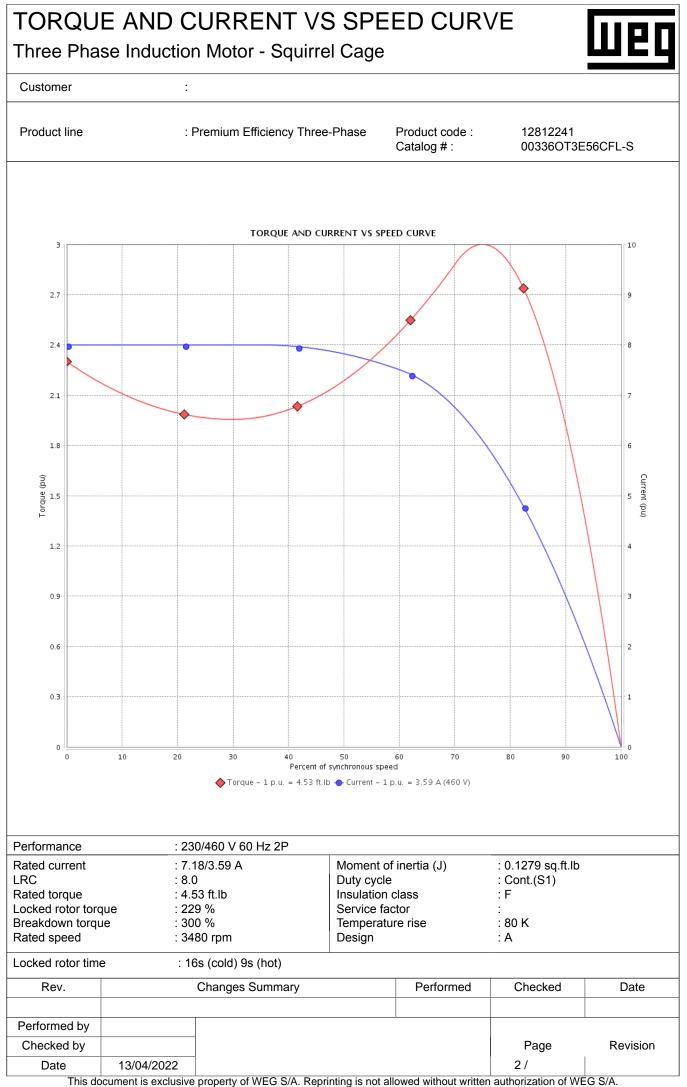
Frame : 56C Cooling method :: C01 - 0DP Insulation class :: F F :: Monthing :: F-1 :: CM 2 and CW 2 Ambient temperature :: 20°C to : 40°C Stating :: CM 2 and CW 2 :: CM 2 and CW 2 Ambient temperature :: 20°C to : 40°C Stating :: CM 2 and CW 2 :: CM 2 and CW 2 Ambient temperature :: 20°C to : 40°C Stating method :: CM 2 and CW 2 :: CM 2 and CW 2 Delse :: 20°C to : 40°C :: CM 2 and CW 2 :: 2 :: 2 :: 2 Frequency [Hz] :: 60 :: 50 :: 50 :: 50 :: 50 Relet oroug [Hz] :: 60 :: 50 :: 50 :: 50 :: 50 Relet oroug [Hz] : 60 : 50 : 50 : 50 : 50 Relet oroug [Hz] <td: 53<="" td=""> : 53 : 53 : 53 : 53 Relet oroug [Hz] <td: 53<="" td=""> : 55 : 55 : 55 : 55 Relet oroug [Hz] <td: 53<="" td=""> : 55 : 55 : 55 : 55</td:></td:></td:>	Product line		: Premium Efficiency Three-Pl	nase Product code : Catalog # :	12812241 00336OT3E	56CFL-S
Ambient temperature ::20°C to +40°C Starting method : Direct On Line Anbieude : A Moment of inertia (J) : 38.3 lb Dutput [HP] 3 3 3 Ordes 2 2 2 Fequency [H2] 60 50 50 Starting method 190/380 220/45 Started voltage [V] 230/460 190/380 220/415 Started voltage [V] 230/460 190/380 220/415 R Amperes [A] 57.4728.7 55.6728.8 55.228.2 RC [A] 8.0x(Code J) 6.1x(Code G) 6.83x(Code H) O load current [A] 2.60/1.30 2.71/1.44 33.3 5.83 5.53 O load current [%] 3.33 5.83 5.53 5.58 5.55 O load current [%] 3.00 229 19.0 220 Strake down torque [%] 3.00 229 19.0 220 Strake down torque [%] 3.00 2.65 1.00 1.00 (0.0.0.06(A) Strivic	Insulation class Duty cycle		: F : Cont.(S1)	Mounting Rotation ¹	: F-1 : Both (CW	and CCW)
Dutput [HP] 3 3 3 3 Totes 2 3 3 5 3 7 3	Altitude	ature	: 1000 m.a.s.l.	Approx. weight ³	: 38.3 lb	
Poles 2 2 2 2 Fequency (Hz) 60 50 50 Rated voltage (V) 230/460 190/380 220/415 Rated urrent [A] 7.18/3.59 8.78/4.39 7.83/4.15 R. Amperes [A] 57.4/28.7 53.8/26.8 55.2/28.2 LRC [A] 8.0x(Code J) 6.1x(Code G) 6.8x(Code H) No load current [A] 2.60/1.30 2.20/1.10 2.71/1.44 Rated speed [RPM] 3480 2825 2840 Sign [M] 3480 2825 2840 Dicked rob rouge [%] 229 190 220 Breakdown torque [%] 300 229 250 Service factor 60.0 1.00 1.00 1.00 Efficiency (%) 25% 83.7 89.4 86.6 86.5 Power Factor 50% 0.76 0.63 0.79 0.92 Power Factor 50% 0.76 0.83 0.79 0.92 Power Factor 50%	U U		3			
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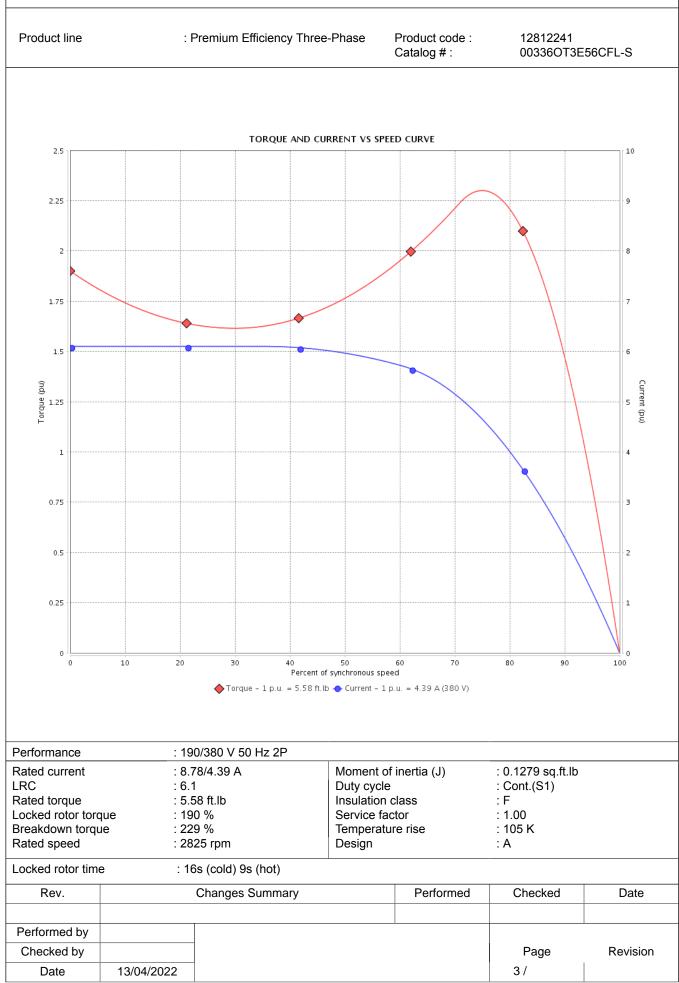


TORQUE AND CURRENT VS SPEED CURVE

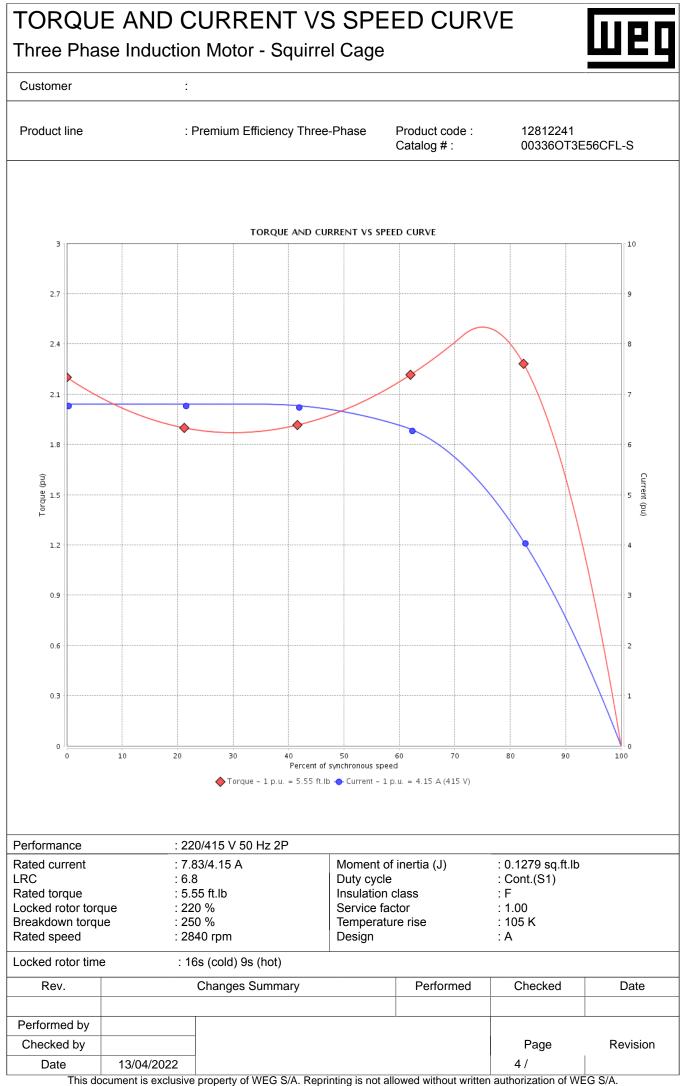
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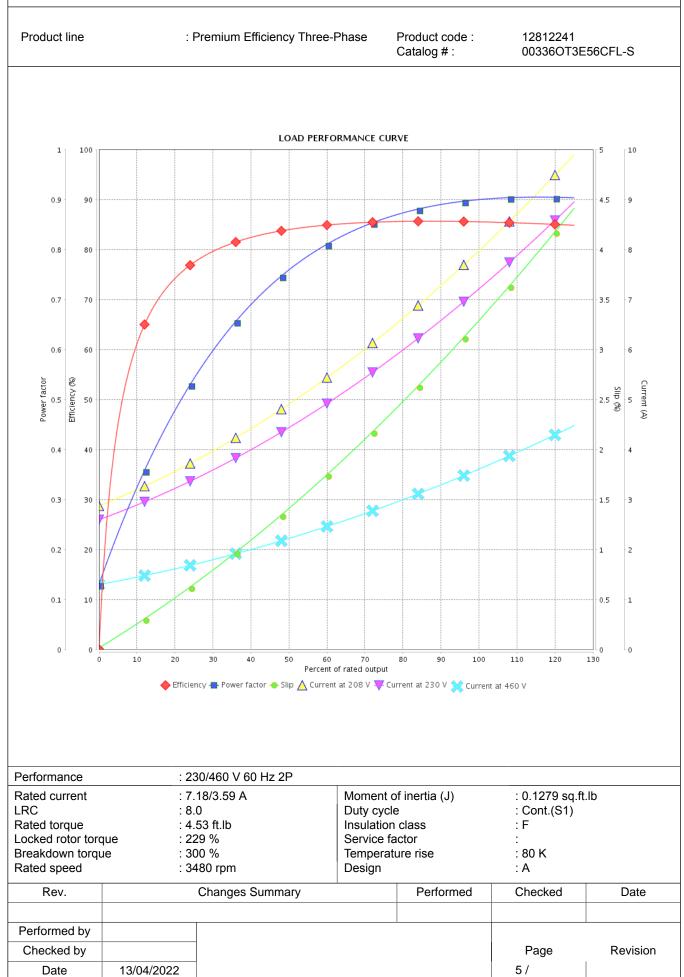


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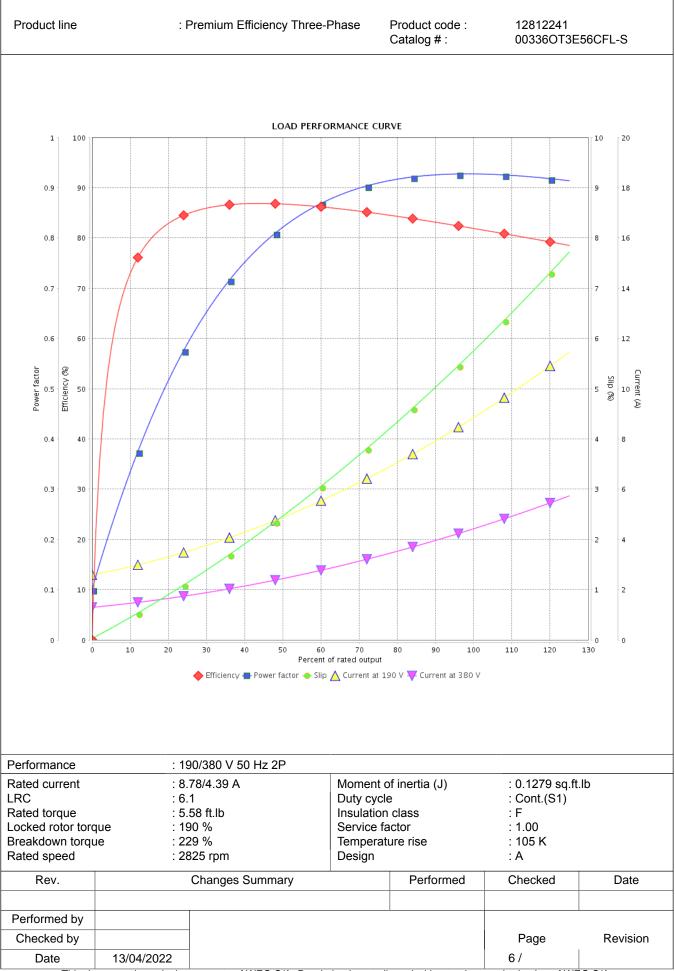
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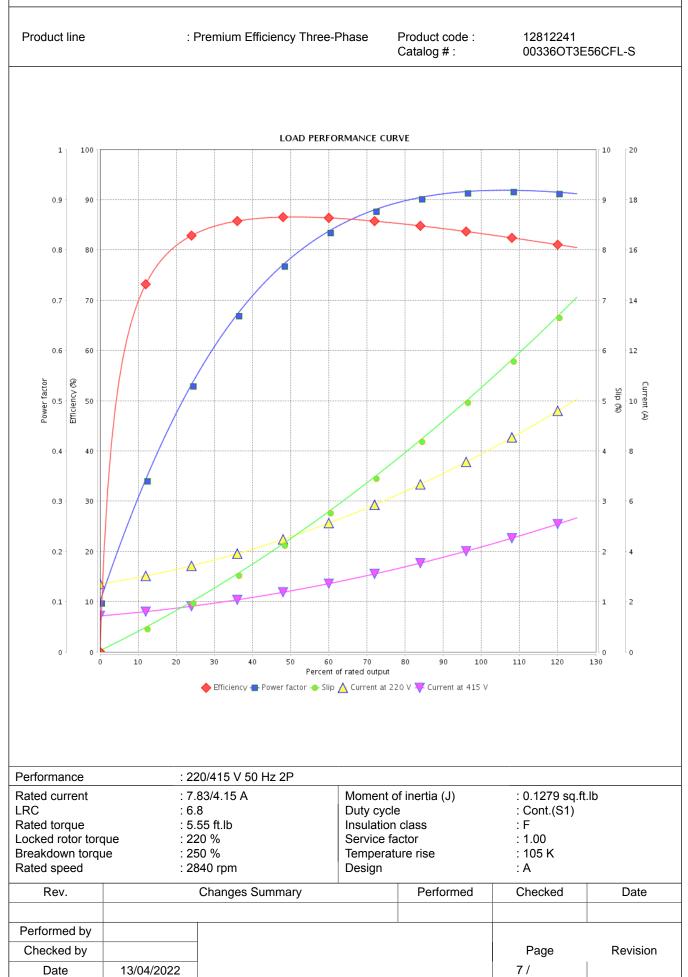
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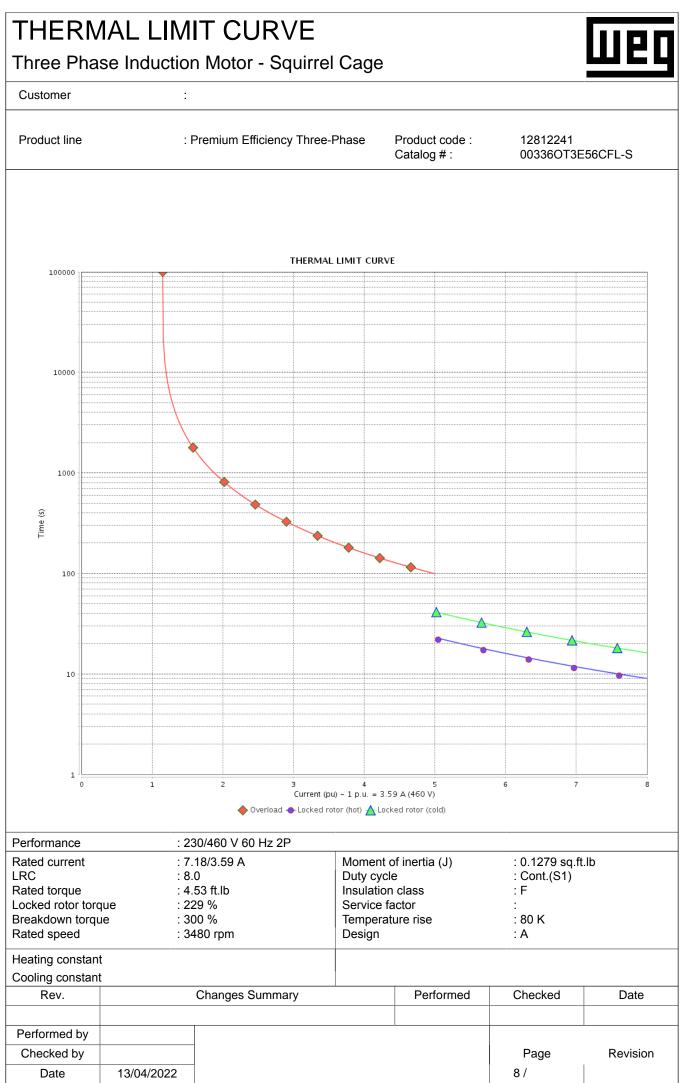
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Customer



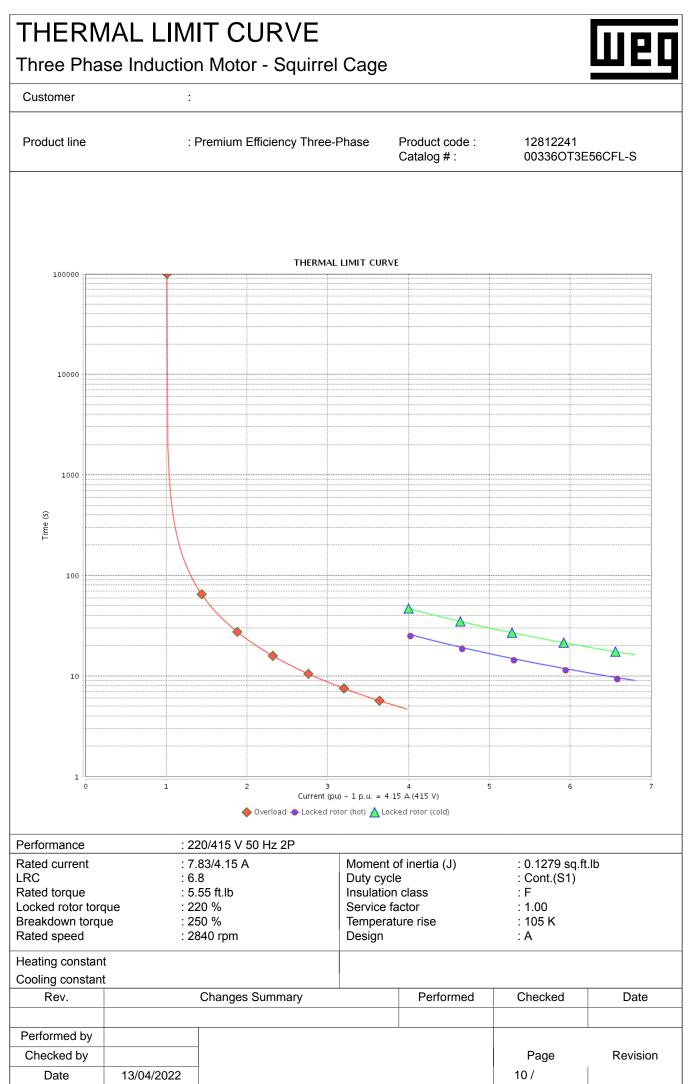
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		MAL LIMIT CURV	/E		
1000 E 1000					
1000 9 1000					
1000 9 1000 100					
1000 9 1000 100					
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1					
0 1	2 Currer Overload 🔶 Locke	3 nt (pu) – 1 p.u. = 4. ed rotor (hot) <u> Loc</u>		6	7
erformance : 19	00/380 V 50 Hz 2P				
	78/4.39 A		of inertia (J)	: 0.1279 sq.f	ť.lb
	58 ft.lb	Duty cyc Insulatio	n class	: Cont.(S1) : F	
	90 % 29 %	Service f Tempera		: 1.00 : 105 K	
	325 rpm	Design		: A	
eating constant					
ooling constant Rev.	Changes Summary		Performed	Checked	Date

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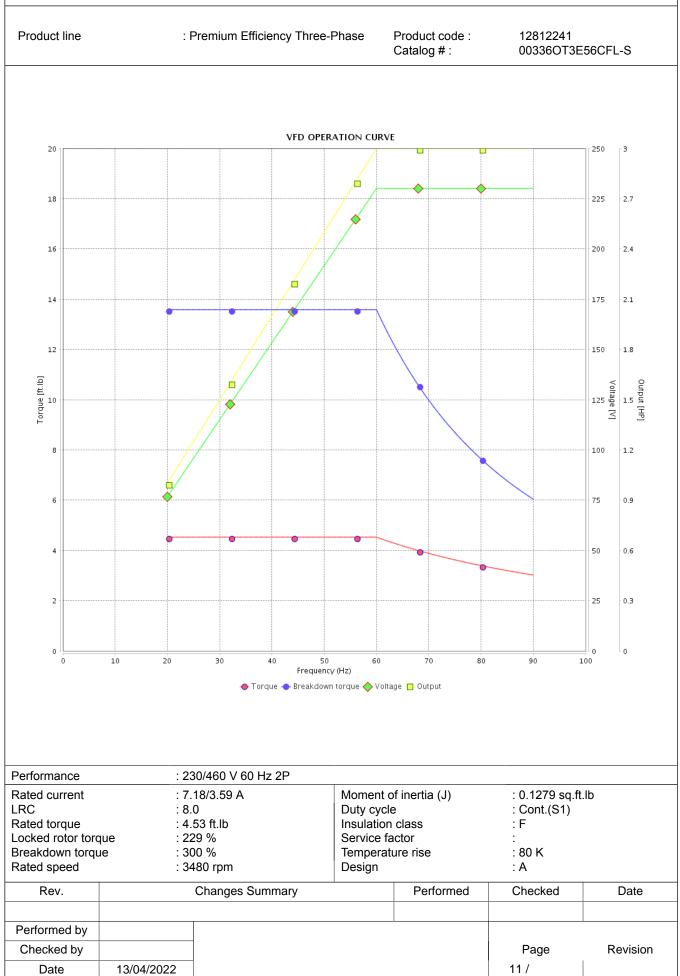
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VFD OPERATION CURVE

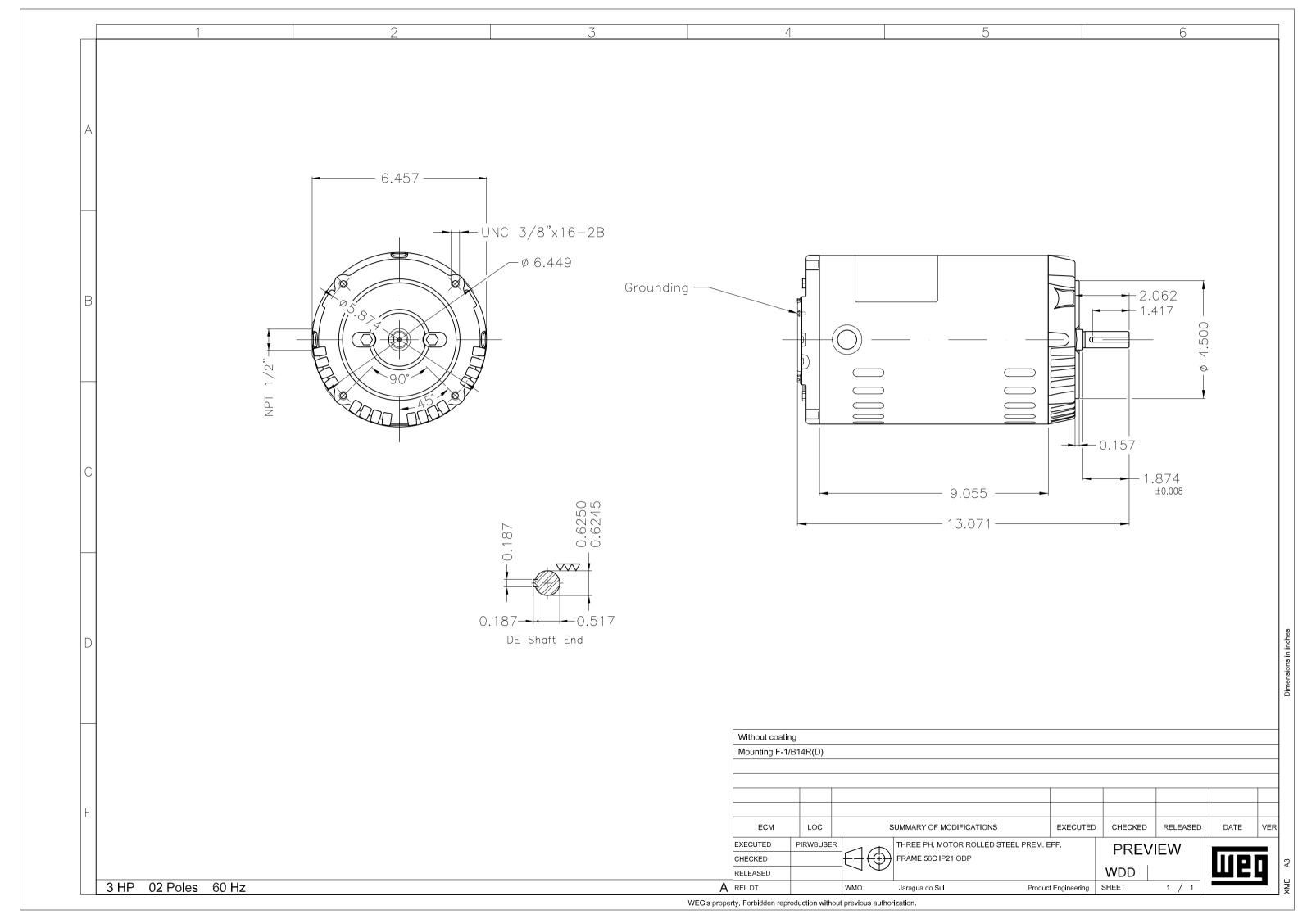
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Three Phase Induction Motor - Squirrel Cage

Customer



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MADE IN MÉXICO

W01.TO0IC0X0X 12812241 MAT

MODEL 003360T3E56CFL-S

05JAN2022 B/N:			
PH 3 Hz 60	HP 3.0		
FR 56C	kW 2.2		
DUTY CONT.	v 230	230/460	
ALT 1000 m.a.s.l		7.18/3.59	
INS CL F AT 80K		8.26/4.13	
AMB 40°C DES A			
ENCL ODP CODE J			
USABLE @ 208V 7.94A SF1.00	5_E	85.5%	
ALTERNATE RATING: 3.0HP		4	
8.78-7.56/4.39-4.01A	2825RPM	EFF 81.8%	(IE1) IEC 60034-1
Inverter duty motor For 60Hz use on VPWM 1000:1 VT,	or B0Hz use c	on VPWM 1000:1	VT, 3:1 CT
DE 6204-ZZ ODE 6202-ZZ		MOBIL POLYREX EM	
	T4	T5 T6	
•	35	•	T1-BLU T2-WHT
WE TT T8 T9	EAU TAU	T8 T9	I3-ORG T4-YEL
	, r , r , i H		I5-BLK T6-GRY
		_ 5 € 2 €	I7-PNK T8-RED
YY L1 L2 L3			T9-BRK RED
INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION	WIRES TO REVER	SETHE ROTATION	BRCCHARGE

choc électrique grave. Déconnectez l'alimentation 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

shocks. Disconnect power source before servicing unit. NARNING: Motor must be grounded in accordance with local ind national electrical codes to prevent serious electrical