DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Draduet line -							40500700	
Product line		: NEN Phas		n Efficiency ⊺		Product code : Catalog # :	13500703 45018ET30	GKD580Z-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Design		: 4 : 60 H : 460 : 525 : 420 : 8.0x : 212 : 179 : 0.39	HP (330 kV Hz A 0 A (Code J) A 3 rpm 9 % 0 ft.lb % %	V)	Locked Tempera Duty cyc Ambient Altitude	rotor time ature rise cle t temperature on degree method g 1 ¹ vel ² method	: 36s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1) 20s (hot) +40°C .s.l. EFC / and CCW)
Output	25%	50%	75%	100%	Foundatio	n loads		
Efficiency (%) Power Factor	0.000 0.00	95.0 0.65	95.4 0.77	96.2 0.82	Max. tracti Max. com		: 5879 lb : 9519 lb	
Bearing type Sealing Lubrication interv Lubricant amount Lubricant type		:	Taconite 30	24 C3 Labyrinth 00 h 2 g		6319 C3 Taconite Labyr 8000 h 45 g	inth	
Notes				Мо	bil Polyrex E			
Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor from t m and witl veight subj ocess.	he shaft e h toleranc ject to cha	nd. e of +3dB(A nges after	ne, which .).	These are	EM	based on tests w	
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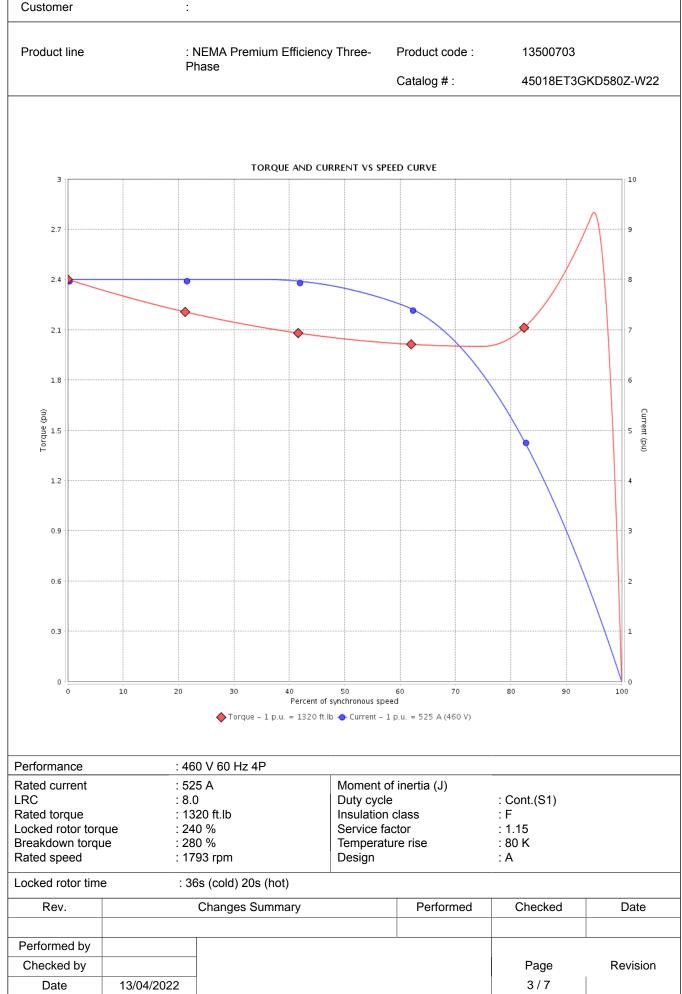
		Thermal protect	Ĩ.		
ID	Application	Туре	Quantity		Temperature
1	Winding	Thermostat - 2 wire	es 1 x Phase	1	55 °C
		Space heater info	rmation		
oltage: 200 - 2	40 V				
Rev.	Ch	anges Summary	Performed	Checked	Date
	Ch	anges Summary	Performed	Checked	Date
Rev. Performed by Checked by	Ch	anges Summary	Performed	Checked	Date

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TORQUE AND CURRENT VS SPEED CURVE

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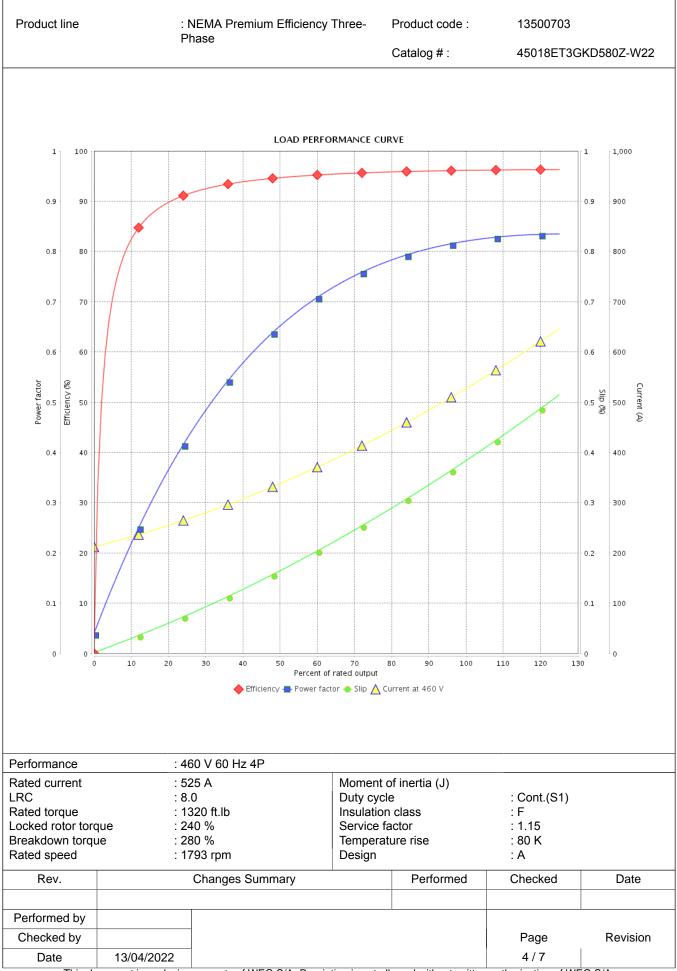
LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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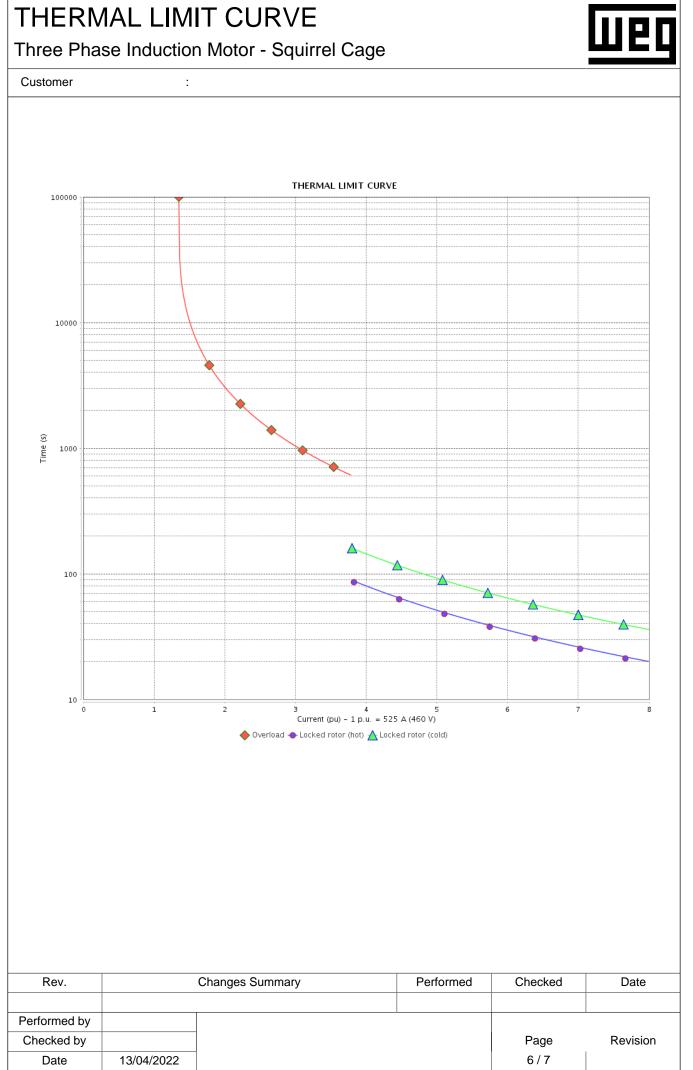
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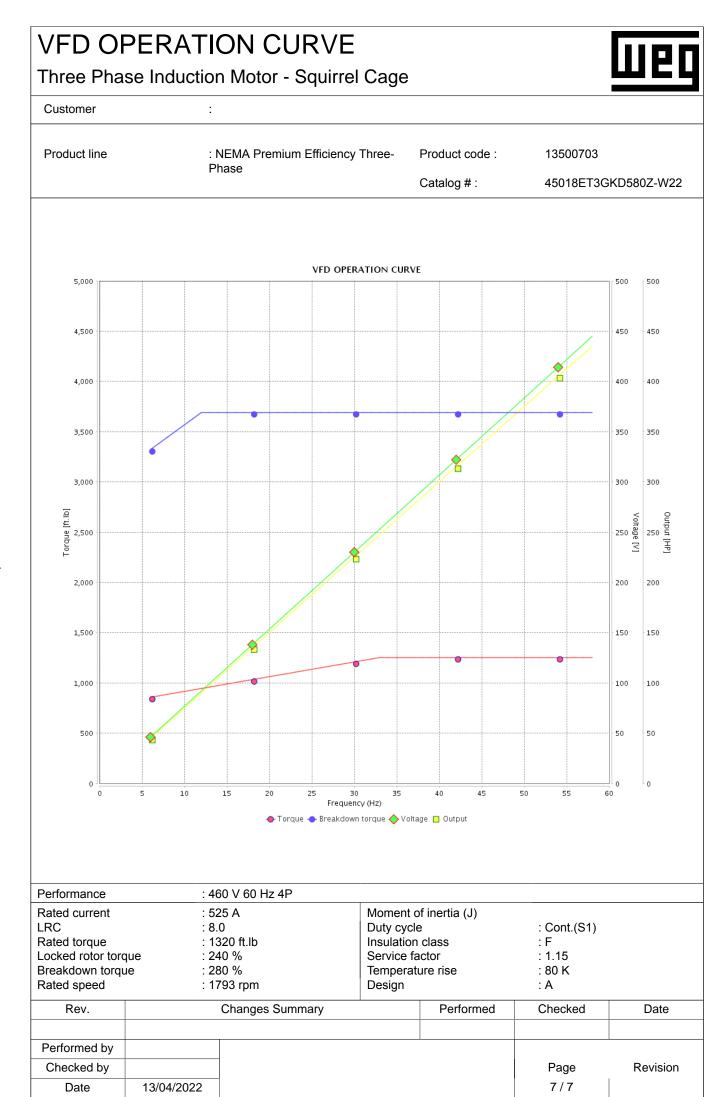
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	13500703
		Catalog # :	45018ET3GKD580Z-W22

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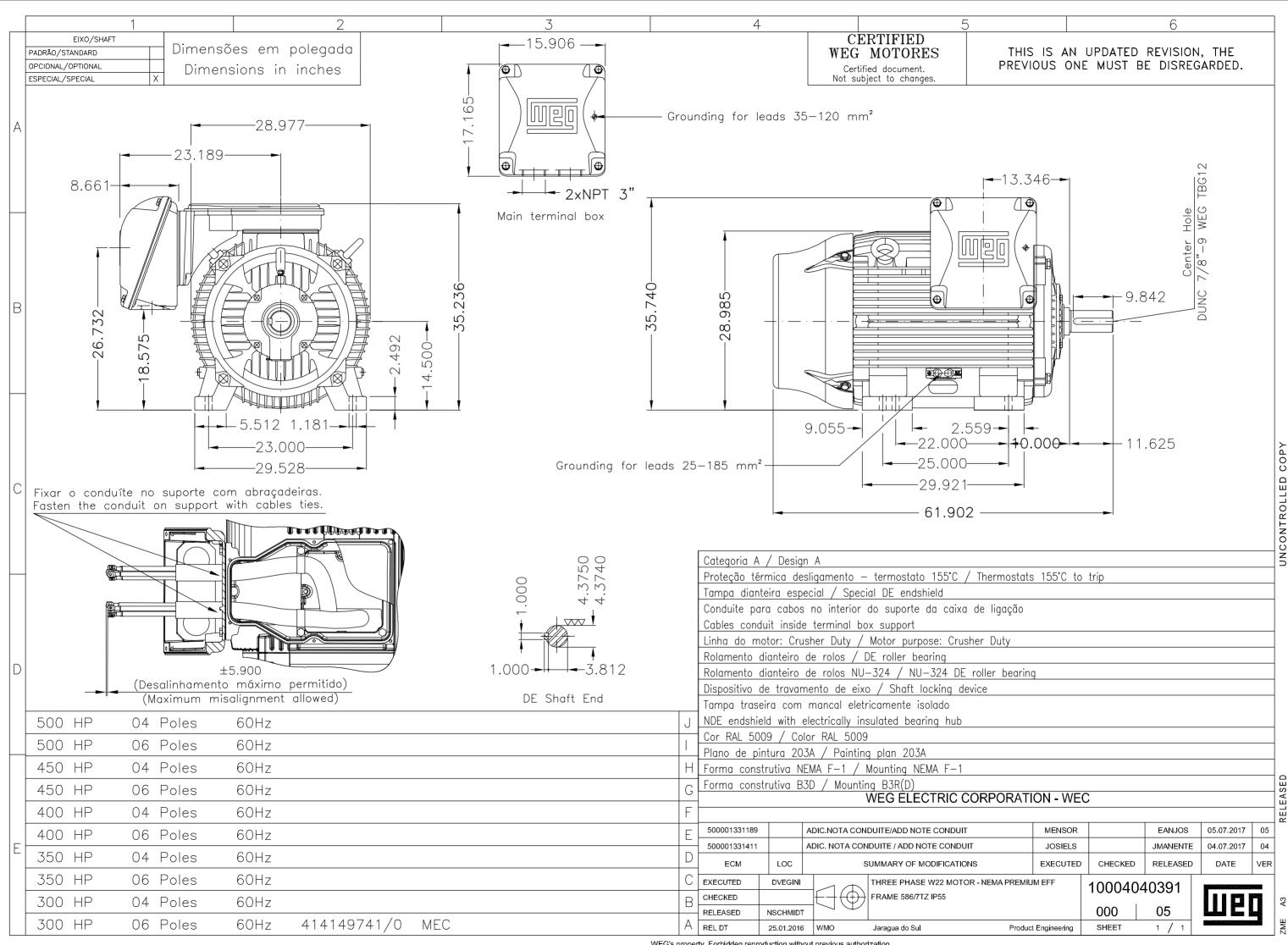
Performance	: 4	60 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque		25 A .0 320 ft.lb 40 % 80 % 793 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: Cont.(S1) : F : 1.15 : 80 K : A	
Heating constant	t					
Cooling constant	:					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				5/7	
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