DATA SHEET

Three Phase Induction Motor - Squirrel Cage

		: Dealers Industrial Equipment						
Product line		: W21 Explosion-proof Motor Premium Efficiency Three-Ph				14284619		
				,		Catalog # :	01018XT3E	215TC
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Design		: L215TC : 10 HP (7.5 kW) : 4 : 60 Hz : 208-230/460 V : 28.1-25.4/12.7 A : 183-165/82.5 A : 6.5x(Code H) : 9.48-11.0/5.50 A : 1765 rpm : 1.94 % : 29.4 ft.lb : 210 % : 300 % : F : 1.15 : B			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³		: 27s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW	40°C s.l. EFC and CCW)
							: 58.0 dB(A) : Direct On Line : 236 lb	
Output	25%	50%	75%	100%	-	tion loads		
Efficiency (%) Power Factor	89.4 0.42	90.2 0.62	91.0 0.75	91.7 0.81	Max. tra	ction mpression	: 379 lb : 615 lb	
Lubrication inter Lubricant amou Lubricant type		:		- - Mc	bil Polyre	- - × EM		
Notes								
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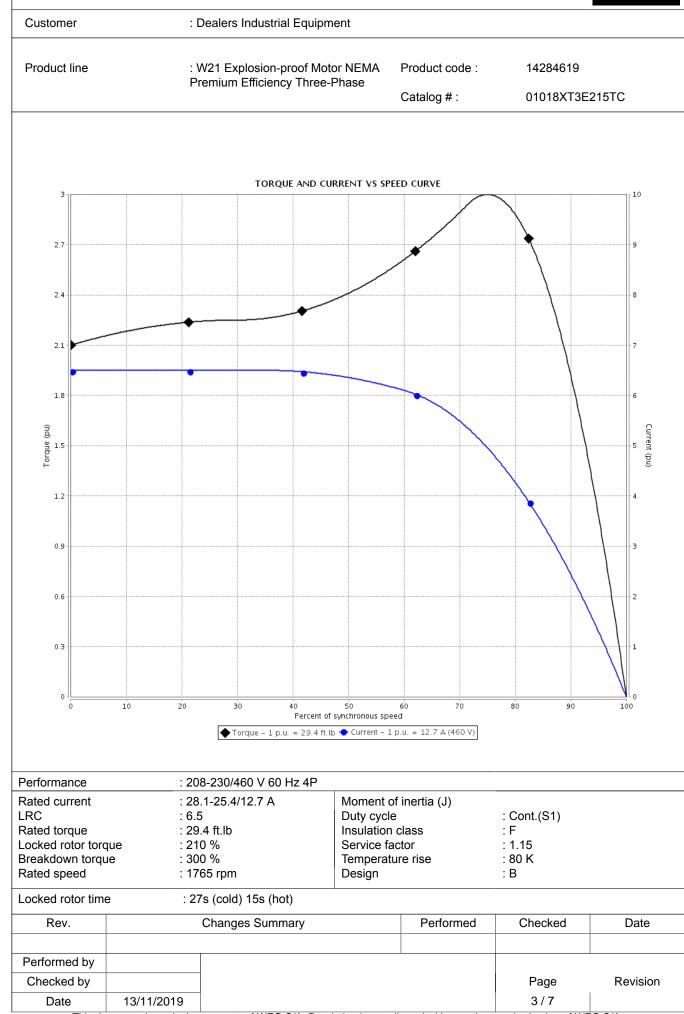
Customer

: Dealers Industrial Equipment

כ	Application	Туре	Quantity	Sensing	Temperature
	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
1		,		l	
Davi			Derferrer	Oberlard	
Rev.	Cnan	ges Summary	Performed	Checked	Date
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TORQUE AND CURRENT VS SPEED CURVE

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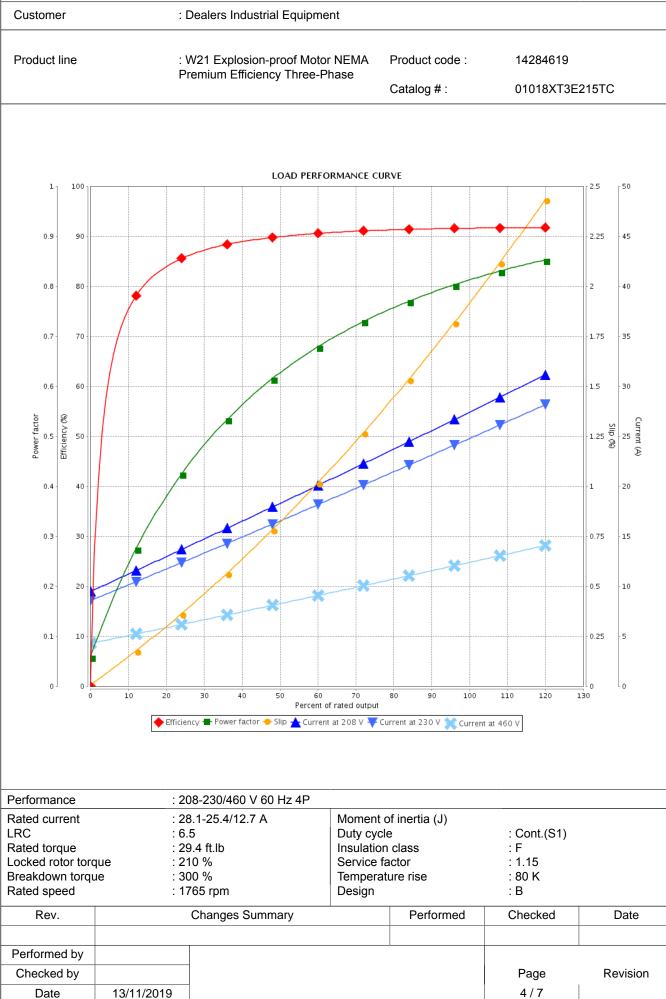


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LOAD PERFORMANCE CURVE

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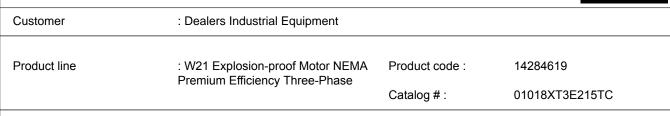




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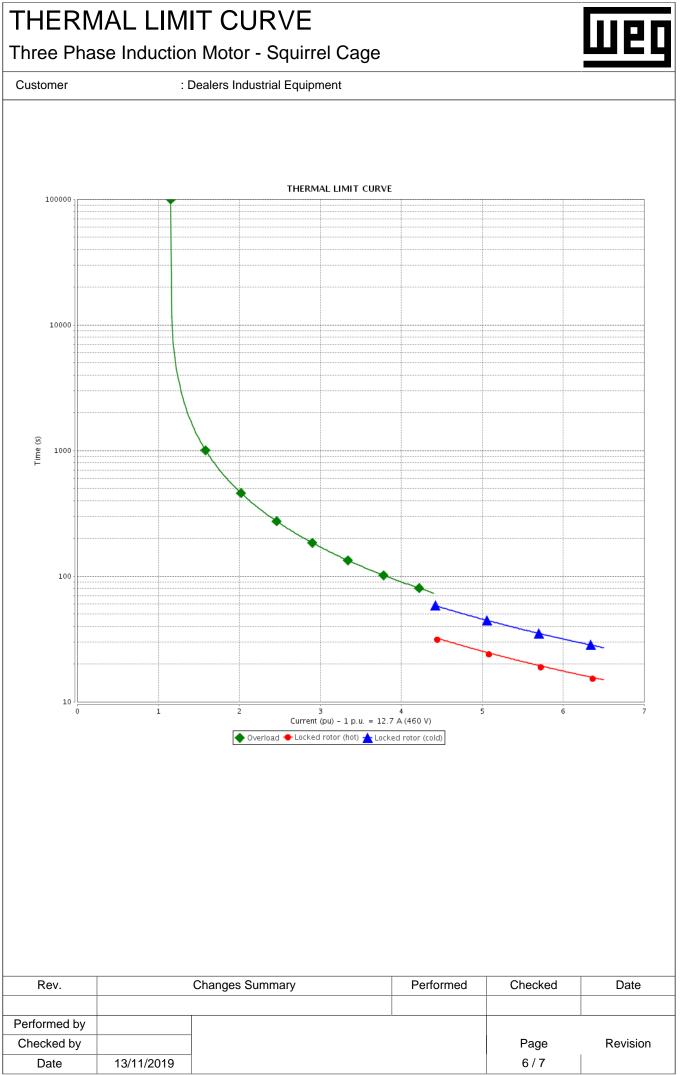
THERMAL LIMIT CURVE

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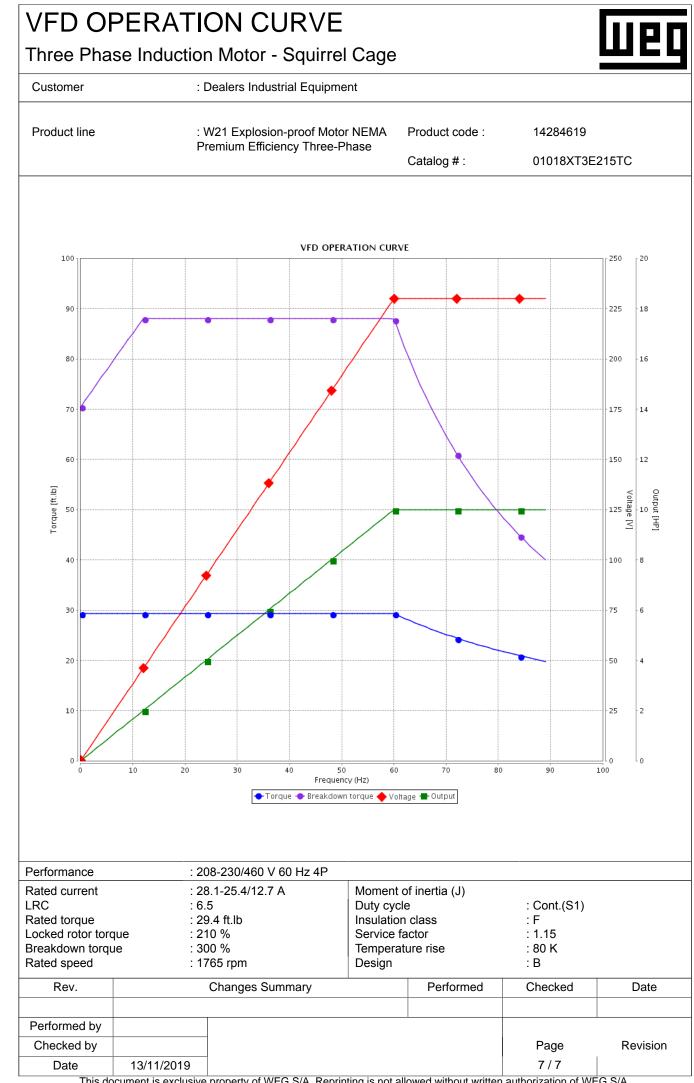


Performance		: 208-230/460 V 60 Hz	4P			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 28.1-25.4/12.7 A : 6.5 : 29.4 ft.lb : 210 % : 300 % : 1765 rpm	Duty cycle Insulation Service fa	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/11/2019				5/7	

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