DATA SHEET

Three Phase Induction Motor - Squirrel Cage

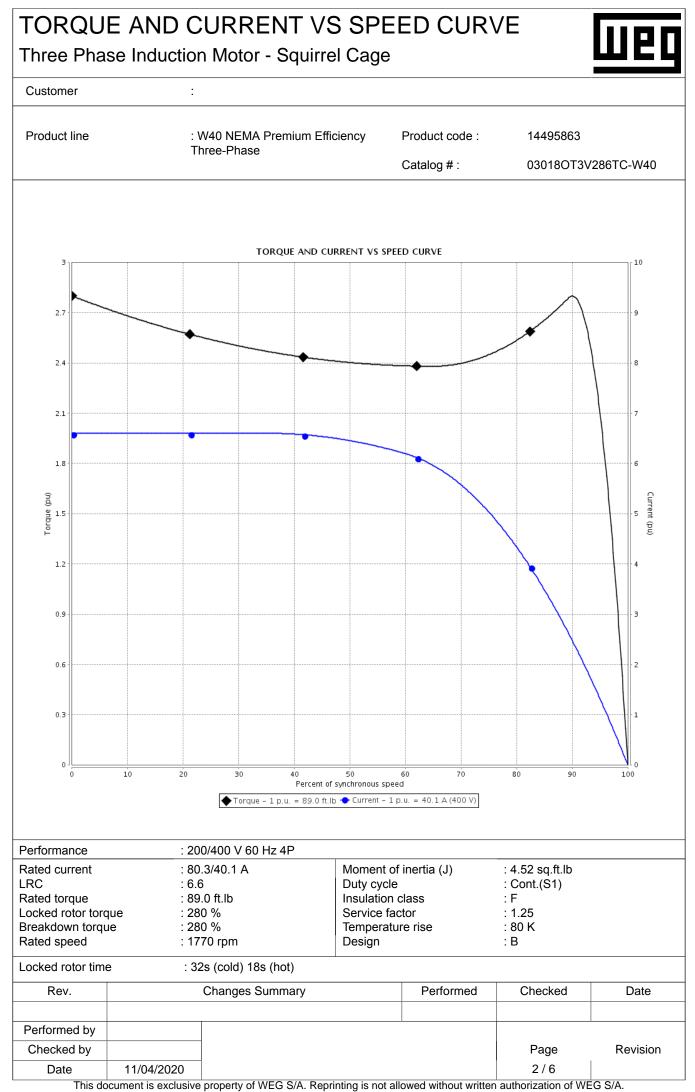
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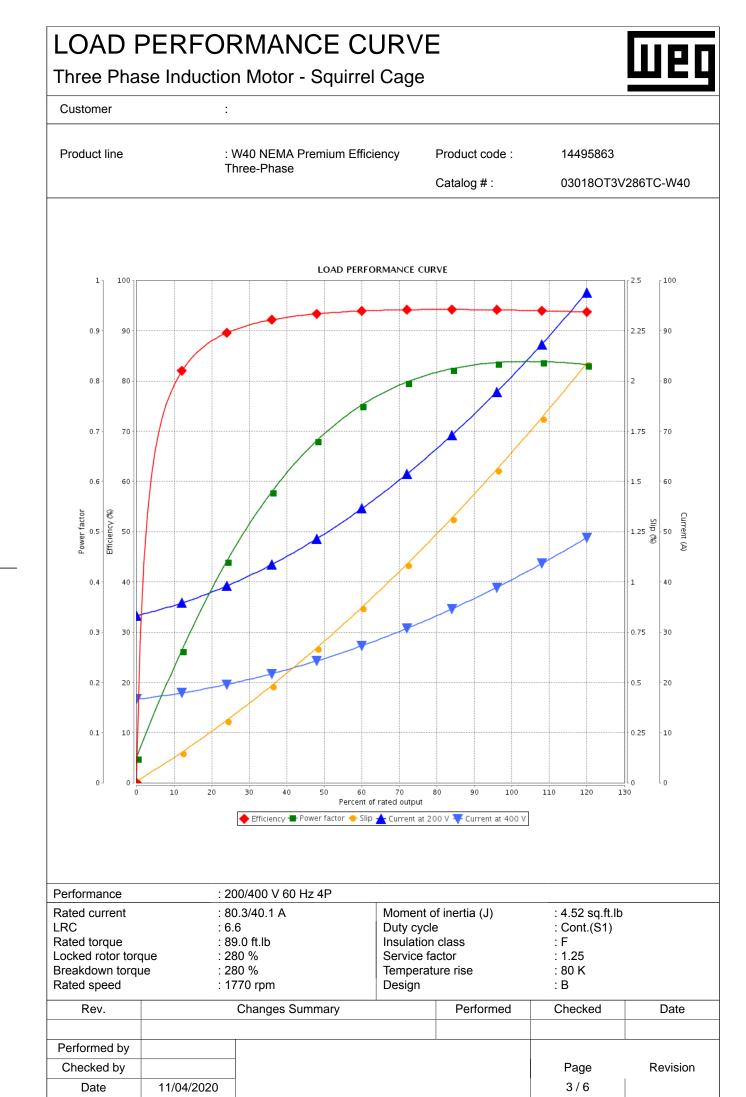


Product line		: W40 NEMA Premium Efficie Three-Phase			ency Product code : Catalog # :		14495863 03018OT3V286TC-W40	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 4 : 60 F : 200. : 80.3 : 530. : 6.6x : 33.3 : 1777 : 89.0 : 280 : 280 : 280 : F : 1.25 : 4.52	HP (22 kW) Hz /400 V 8/40.1 A /265 A (Code G) 8/16.7 A 0 rpm 7 % 0 ft.lb % %	,	Locked ro Temperat Duty cycle	otor time ure rise e temperature n degree nethod el ² nethod	: 32s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP23 : IC01 - OE : F-1) 18s (hot) +40°C .s.l.)P (and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundation			
Efficiency (%) Power Factor	93.4 0.44	93.6 0.70	94.1 0.80	94.1 0.84	Max. tractio Max. compr			
						Nithout Bearing		
Lubrication inter Lubricant amour Lubricant type Notes		:		000 h 18 g Mo	bil Polyrex El	20000 h 11 g		
Lubricant amour Lubricant type	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e	previous o end. e of +3dB(/	18 g Mo	bil Polyrex El	20000 h 11 g M average values	based on tests w e tolerances stipu	
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate of manufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(/	18 g Mo ne, which A).	bil Polyrex El	20000 h 11 g M average values	based on tests w	
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THERMAL LIMIT CURVE

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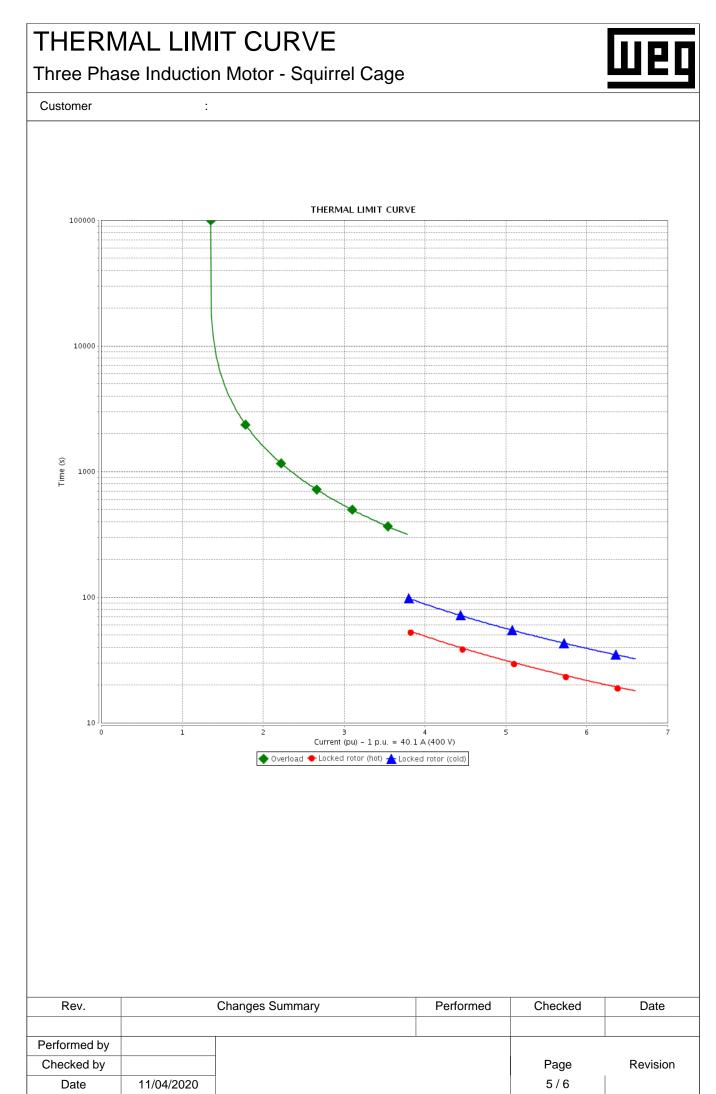
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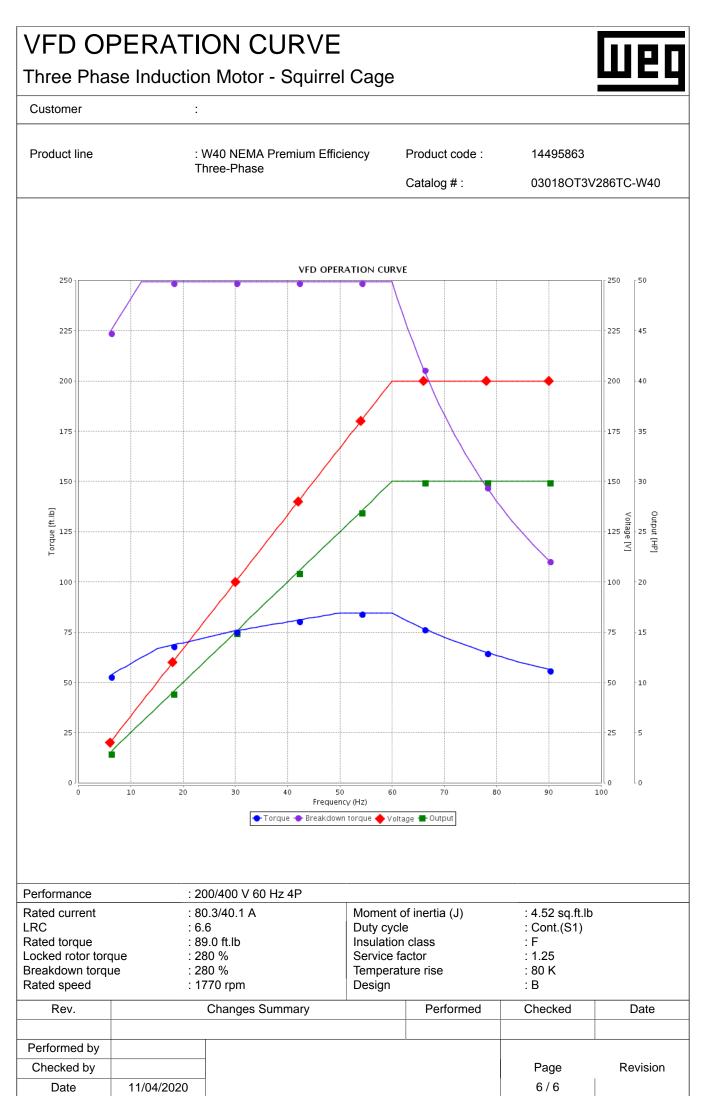
Customer

Product line	: '	: W40 NEMA Premium Efficiency Three-Phase		Product code :	14495863 03018OT3V286TC-W40		
				Catalog # :			
Performance							
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		0.3/40.1 A .6 9.0 ft.lb 80 % 80 % 770 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 4.52 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by		-					
Checked by		-			Page	Revision	
Date	11/04/2020				4 / 6		

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