DATA SHEET

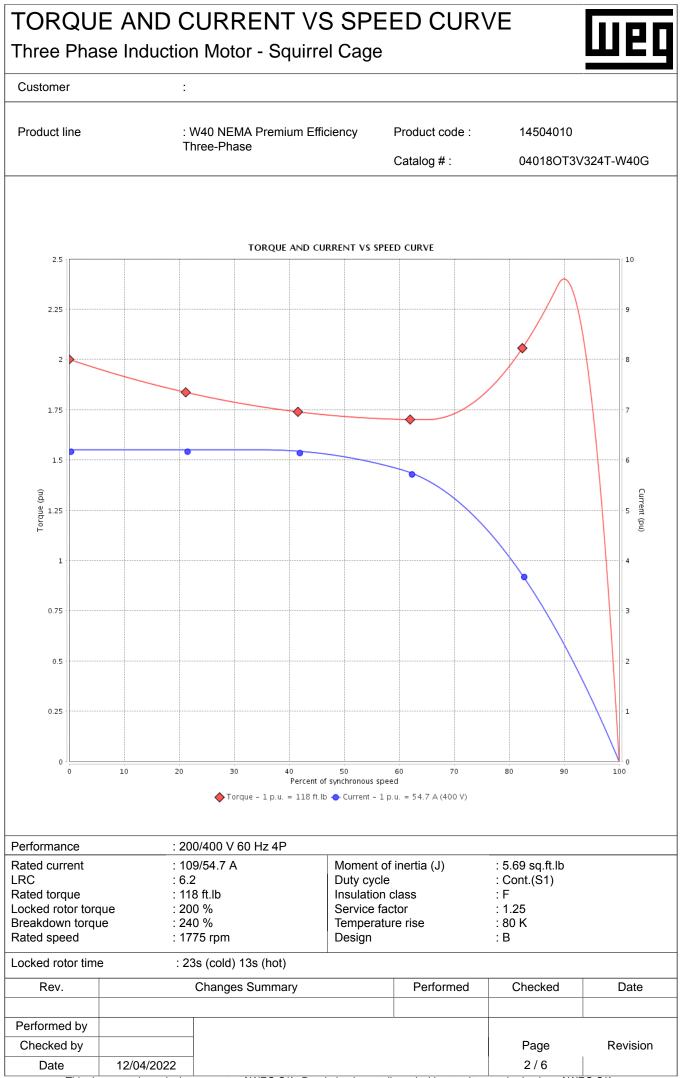
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W40 NEMA Premium Efficier Three-Phase			ency Pr	ncy Product code :		14504010	
					Ca	atalog # :	04018OT3V	324T-W40G	
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 Moment of inertia Design	e	: 4 : 60 F : 200/ : 109/ : 679/ : 6.2x : 42.5 : 1775 : 1.39 : 118 : 200 : 240 : F : 1.25	IP (30 kW) Iz (400 V (54.7 A (339 A (Code G) (/21.3 A 5 rpm % ft.lb % %		Locked ro Temperat Duty cycl Ambient f Altitude Protection Cooling n Mounting Rotation ¹ Noise lev Starting n Approx. v	ure rise e temperature n degree nethod el ² nethod	: 23s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 66.0 dB(A : Direct On : 449 lb	40°C s.l. P and CCW)	
Output	25%	50%	75%	100%	Foundation	loads			
Efficiency (%) Power Factor	93.5 0.44	93.6 0.70	94.1 0.80	94.1 0.84	Max. tractic Max. comp				
Sealing Lubrication interv	al	:		earing Seal	١	Without Bearing	Seal		
Lubricant amoun Lubricant type Notes	t	:	2	1 g	bil Polyrex E	20000 h 11 g M			
Lubricant type	aces and c d. otor from t m and wit veight sub ocess.	the shaft e h tolerance	previous or nd. e of +3dB(A	1 g Mol	These are	11 g M average values	based on tests wi e tolerances stipu		
Lubricant type Notes This revision repla must be eliminate (1) Looking the mi (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	aces and c d. otor from t m and wit veight sub ocess.	the shaft e h tolerance ject to cha	previous or nd. e of +3dB(A	1 g Mol	These are power sup	11 g M average values			
Lubricant type 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	aces and c d. otor from t m and wit veight sub ocess.	the shaft e h tolerance ject to cha	previous or nd. e of +3dB(A nges after	1 g Mol	These are power sup	11 g M average values ply, subject to the	e tolerances stipu	lated in NEMA	

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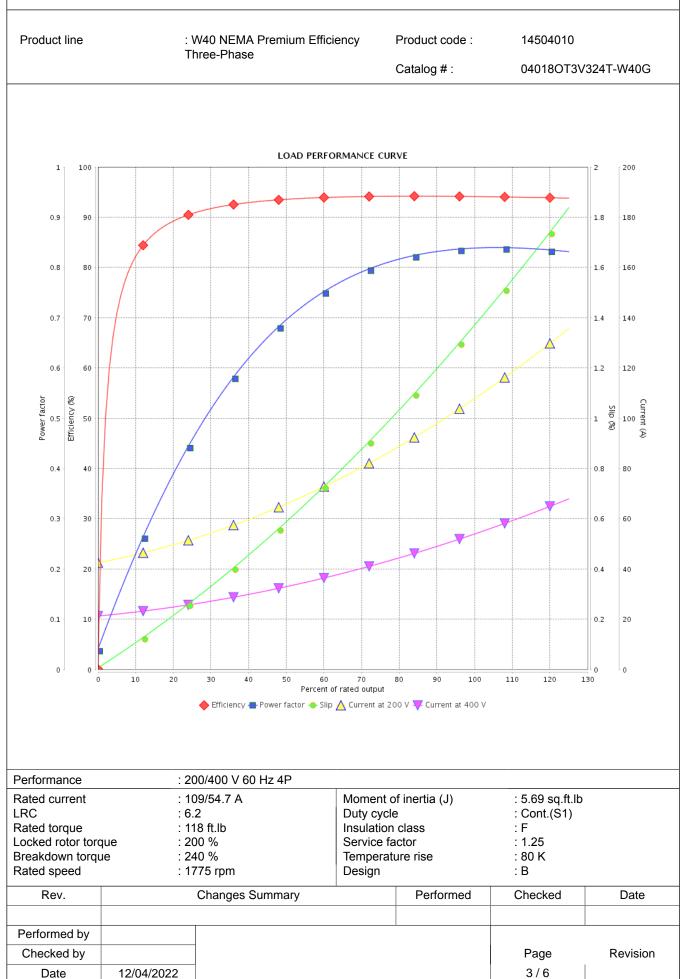


LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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Customer



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THERMAL LIMIT CURVE	
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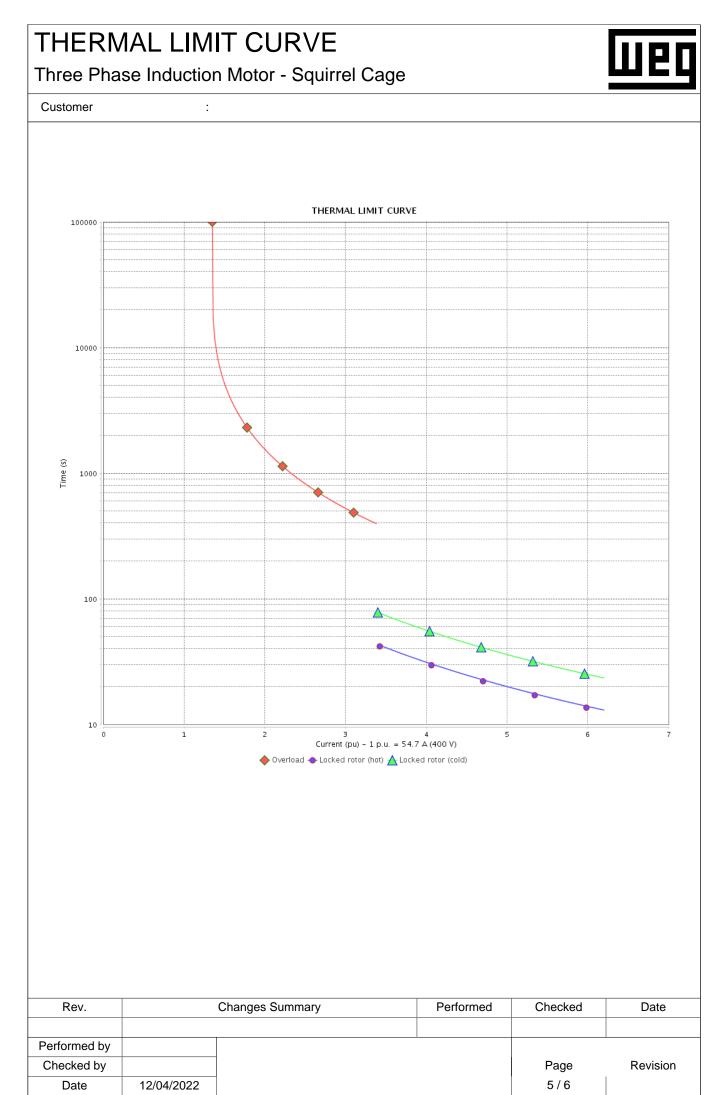
Three Phase Induction Motor - Squirrel Cage

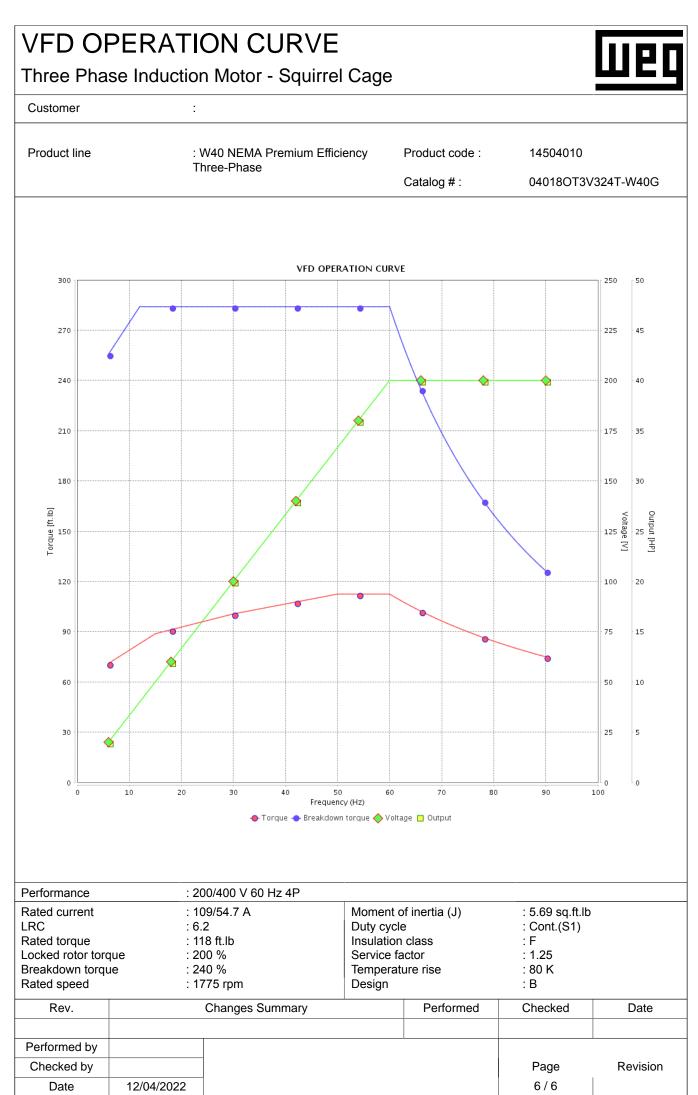
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Customer

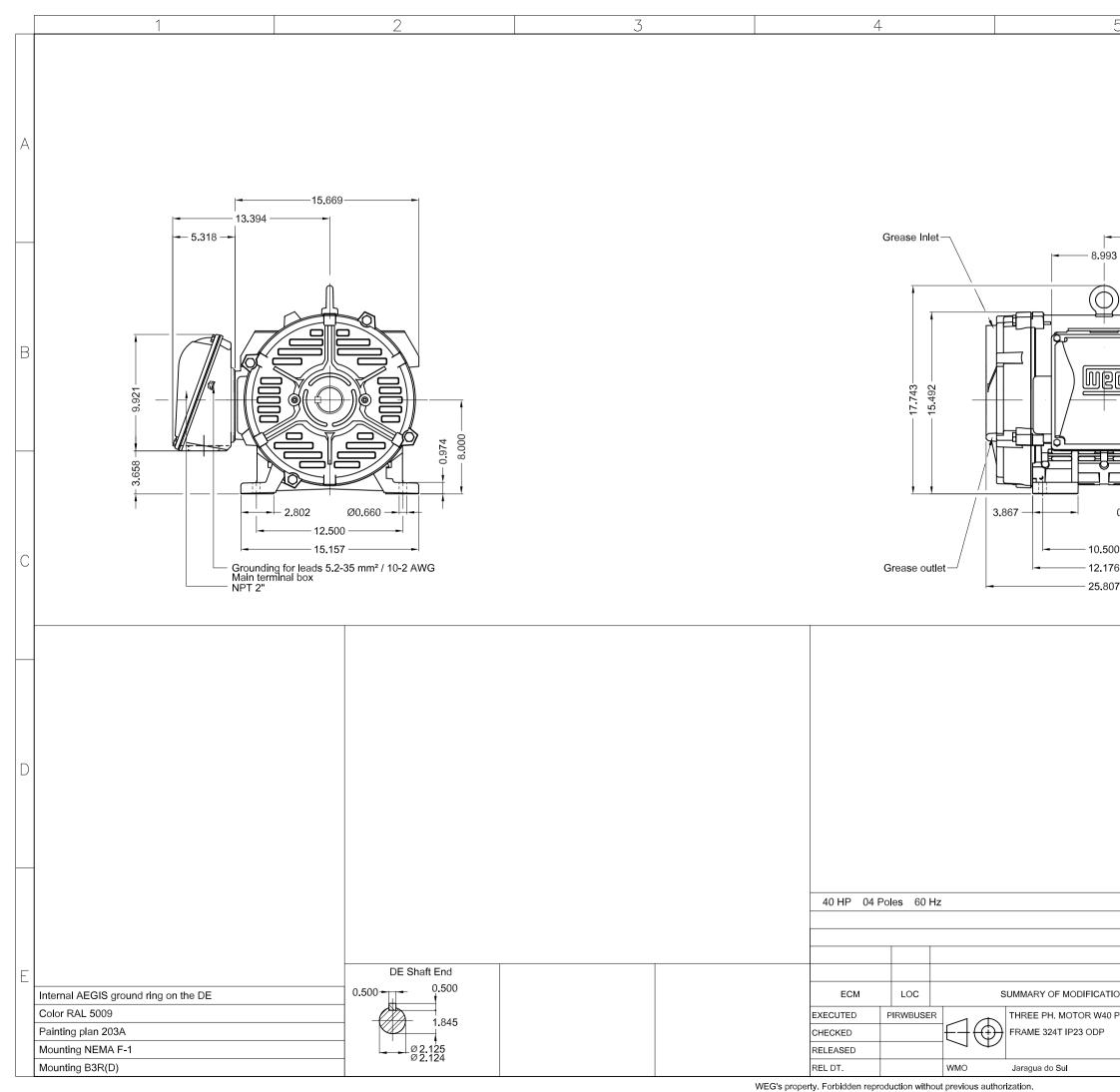
Product line		: W40 NEMA Premium Efficiency		Product code :	14504010 04018OT3V324T-W40G	
	Three-Phase			Catalog # :		
Performance	: 20	00/400 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 6. : 1 ² que : 20 ue : 24	09/54.7 A 2 18 ft.lb 00 % 40 % 775 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 5.69 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t				· · · · · · · · · · · · · · · · · · ·	
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				4 / 6	





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5			6		
		Grease Inlet			Dimensions in inches
					A
				1:8	
	EXECUTED	CHECKED	RELEASED	DATE	VER
ONS			· · · · · ·		
		PREVI	EW		
ONS PREM. EFF.			EW	ШР	XME A3

