THEE Flag	se Indu	uction I	Motor -	Squirrel	Cage		Шеі						
Customer Customer refere	ence		: Dealers Industrial Equipment 800-469-3110 : 10018OT3G404T-W40										
Product line		) NEMA Pi e-Phase	remium Effici	ency Product code :	14027019								
		The	e-Pilase		Catalog # :	10018OT3G404T-W40							
Frame		: 404	-		Locked rotor time	: 21s (cold)	) 12s (hot)						
Output Poles		: 100 : 4	HP (75 kV	V)	Temperature rise	: 80 K : Cont.(S1)							
Frequency		. <del>4</del> : 60 I	47		Duty cycle Ambient temperature	: -20°C to +							
Rated voltage		: 460			Altitude	: 1000 m.a.							
Rated current		: 115			Protection degree	: IP23							
L. R. Amperes		: 782	A		Cooling method	: IC01 - OE	P						
LRC			(Code G)		Mounting	: F-1							
No load current		: 39.7			Rotation <sup>1</sup>		and CCW)						
Rated speed			0 rpm		Noise level <sup>2</sup>	: 69.0 dB(A							
Slip Rated torque		: 1.11 : 291			Starting method Approx. weight <sup>3</sup>	: Direct On : 951 lb	Line						
Locked rotor tor	nue	: 291				. 901 10							
Breakdown torqu		: 250											
Insulation class		: F											
Service factor		: 1.2											
Moment of inertia Design	a (J)	: 21.9 : B	9 sq.ft.lb										
	050/		750/	100%	Foundation lands								
Output Efficiency (%)	25% 94.9	50% 95.0	75% 95.4	100% 95.4	Foundation loads Max. traction	: 1911 lb							
Power Factor	0.49	0.75	0.83	0.86	Max. compression	: 2861 lb							
				ve end	Non drive end								
Bearing type		:		316 C3	6212 Z C3								
Sealing Lubrication interval		:		Bearing Seal	Without Bearing Seal 20000 h								
				)000 h 34 a									
Lubricant amoun Lubricant type Notes downloaded from	ıt	lerselectri	:	34 g	bbil Polyrex EM								
Lubricant type Notes downloaded from This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v	http://dea http://dea aces and ed. notor from Im and wi weight sub	cancel the the shaft ¢ th toleranc	c.com previous c end. e of +3dB(	34 g Mo	13 g								
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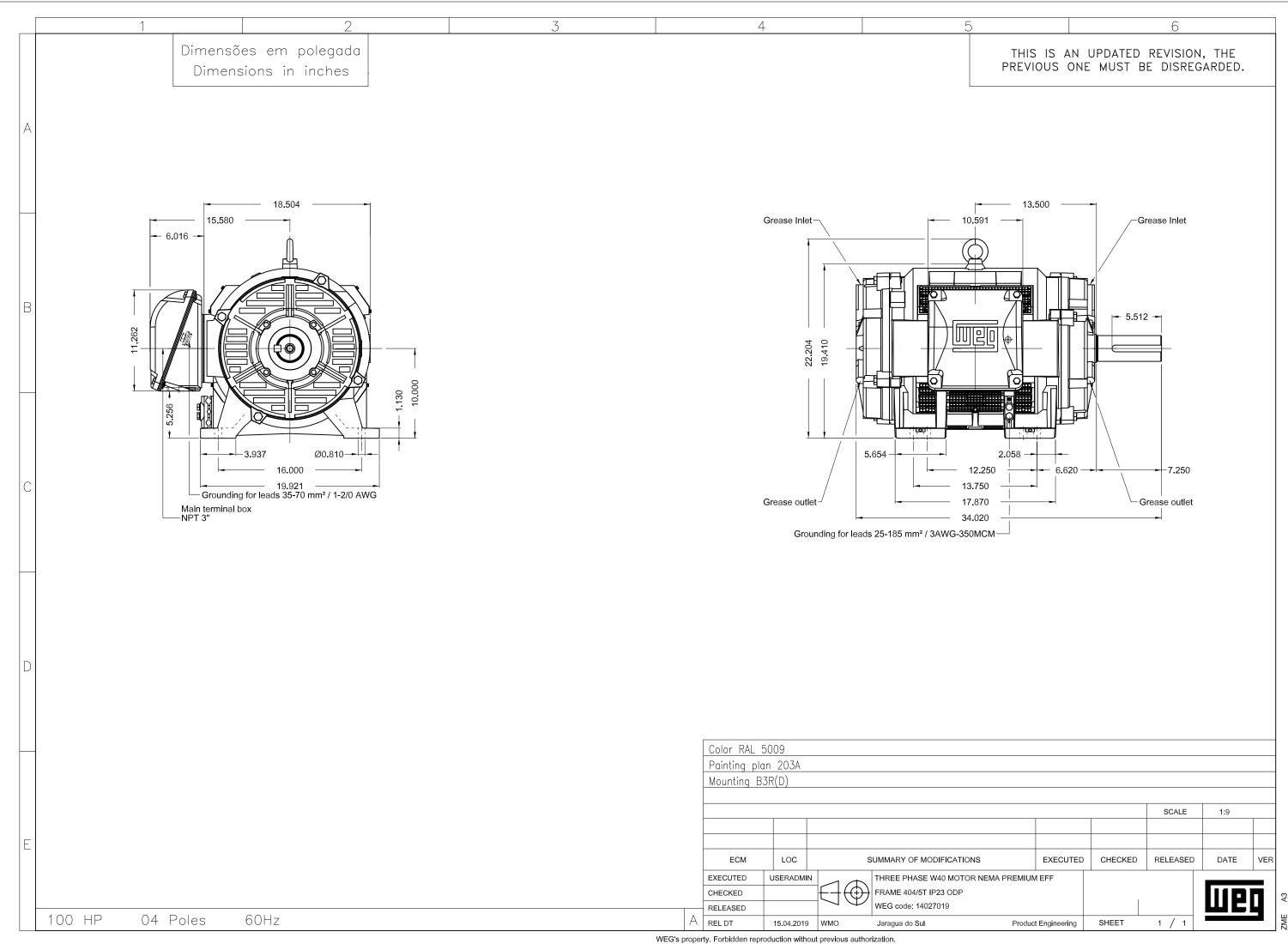
## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110 : 10018OT3G404T-W40 Customer reference Product line : W40 NEMA Premium Efficiency Product code : 14027019 Three-Phase 10018OT3G404T-W40 Catalog # : LOAD PERFORMANCE CURVE 100 200 1 2 180 90 1.8 0.9 0.8 80 1.6 160 140 70 1.4 0.7 120 0.6 60 12 E Power factor 100 Current Slip (%) Efficiency 0.5 50 1 Þ 80 0.4 40 0.8 0.3 30 0.6 60 40 0.4 0.2 20 0.1 10 0.2 20 0 0 0 0 10 zo 30 40 50 60 70 80 90 100 110 120 130 ò Percent of rated output 🔶 Efficiency 🖶 Power factor 🔶 Slip 🛧 Current at 460 V Performance : 460 V 60 Hz 4P : 115 A Rated current Moment of inertia (J) : 21.9 sq.ft.lb LRC Duty cycle : Cont.(S1) : 6.8 Insulation class : 291 ft.lb : F Rated torque Locked rotor torque : 200 % Service factor : 1.25 Breakdown torque : 250 % Temperature rise : 80 K Rated speed : 1780 rpm Design : B Rev. Performed Checked **Changes Summary** Date Performed by Checked by Revision Page Date 15/04/2019 2/2

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-W40 L	CC029A CC								JEC 60034-1				CUS For 60Hz use on PWM, VT 1000:1, CT 2:1, 1.0SF								
4T-W ZIL	PH 3	PH 3 FR 404/5T				<sub>HP(kW)</sub> 100(75.0)				Hz	60	)	Start			lun		Start	E-DELI	Run	
3640 BRA 019	V 46	50			a 1	115					IP2	23	्रा12 ्रा10 ा7 ा8 ्रा6 ्रा4	<b>φ17</b> φ	18 ¢TS	) ф <b>т</b> 6	<b>φ</b> τ4 φ	T5   of T	2 oT10 5 oT4	¢T5	
01801 IN 4027	NEMA NOM EFF			95.	.4 % RF			м 1780			φτ1 φτ2 L1 L2	<b>∲T3</b>	13   \$11 \$12 \$13						φτ3 L3		
MODEL 100180T3G404T- MADE IN BRAZIL 14027019	ENCL	ODP	DP DUTY		00	CONT.			INS. CL. F		∆т 80 к		+→	6316-	5-C3 (34g)			MOBIL POL			( FM
MODE	PF C	F 0.86			des B		CODE G		AN	амв. 40°С				Z-C3			2000		/ _ /		
-	SF 1.	25		SFA	144				ALT	100	00	m.a.s.l.				9	51	Lbs			
	55k\	N 50	)Hz	380\	′ 103A	1482	2RPM	SF1.	25	EFF	94	4.7% (	(IE3)								)