DATA SHEET

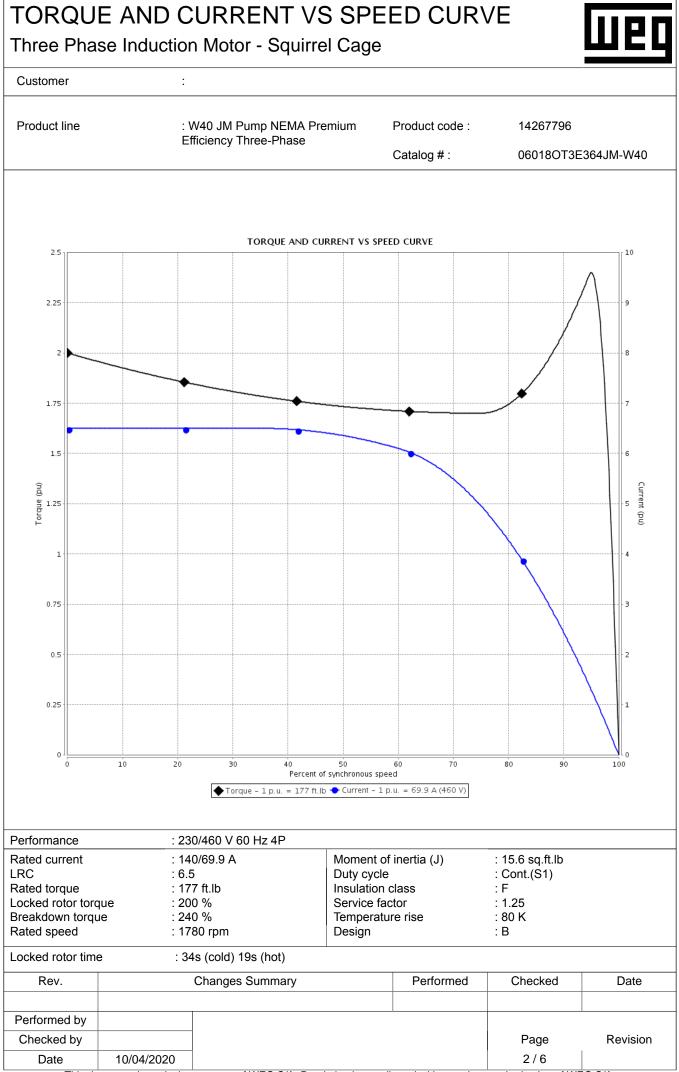
Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		: W40 JM Pump NEMA Prem Efficiency Three-Phase			ium Product code :		14267796	
		LIIC	ency miee		(Catalog # :	06018OT3E	364JM-W40
Frame		: 364	/5JM		Locked	rotor time	: 34s (cold)	19s (hot)
Output		: 60 I	HP (45 kW))	Temper	ature rise	: 80 K	. ,
Poles		: 4	, , , , , , , , , , , , , , , , , , ,		Duty cy		: Cont.(S1)	
Frequency		: 60 I	Hz			t temperature	: -20°C to +	40°C
Rated voltage		: 230	/460 V		Altitude		: 1000 m.a.	
Rated current		: 140	/69.9 A		Protecti	on degree	: IP23	
L. R. Amperes			/454 A			method	: IC01 - OD	Р
LRC			x(Code G)		Mountin		: F-1	•
No load current			4/24.7 A		Rotation		: Both (CW	and CCW)
Rated speed			0 rpm		Noise le		: 69.0 dB(A	
Slip		: 1.11	•			method	: Direct On	
Rated torque		: 177				weight ³	: 766 lb	Line
Locked rotor tor		: 200				weight	. 700 15	
Breakdown torq		: 200						
Insulation class	ue	: 240 : F	/0					
			-					
Service factor		: 1.2						
Moment of inerti	ia (J)		6 sq.ft.lb					
Design		: B						
Output Efficiency (%)	25% 94.4	50% 94.5	75% 95.0	100% 95.0	Foundatio		: 1253 lb	
Power Factor	94.4 0.48	94.5 0.73	95.0 0.82	95.0 0.85	Max. traci		: 2019 lb	
UWEI FAULUI	0.40	0.73	0.02	0.00		pression	. 2013 10	
				<u>e end</u>		Non drive end		
Bearing type		:		14 C3		6212 Z C3		
Sealing		:		Bearing Seal		Without Bearing	Seal	
Lubrication inter	val	:	20	000 h		20000 h		
Lubricant amour	nt	:		27 g		13 g		
Lubricant type		: : 1.15 SFA	2	27 g	bil Polyrex	13 g		
Lubricant amour Lubricant type Notes USABLE @208V		: 1.15 SFA	2	27 g	bil Polyrex	13 g		
Lubricant type Notes	/ 155A SF / 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e	previous o end. se of +3dB(/	27 g Mo ne, which A).	These ar	13 g		
Lubricant type Notes JSABLE @208V Fhis revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	/ 155A SF / 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc ject to cha	previous o end. se of +3dB(/	27 g Mo ne, which A).	These ar power su	13 g EM e average values		
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev.	/ 155A SF / 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc ject to cha	178A previous o end. ee of +3dB(<i>i</i> anges after	27 g Mo ne, which A).	These ar power su	13 g EM e average values pply, subject to the	e tolerances stipu	lated in NEMA
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev. Performed by	/ 155A SF / 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc ject to cha	178A previous o end. ee of +3dB(<i>i</i> anges after	27 g Mo ne, which A).	These ar power su	13 g EM e average values pply, subject to the	e tolerances stipu Checked	lated in NEMA
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	/ 155A SF / 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc ject to cha	178A previous o end. ee of +3dB(<i>i</i> anges after	27 g Mo ne, which A).	These ar power su	13 g EM e average values pply, subject to the	e tolerances stipu	lated in NEMA

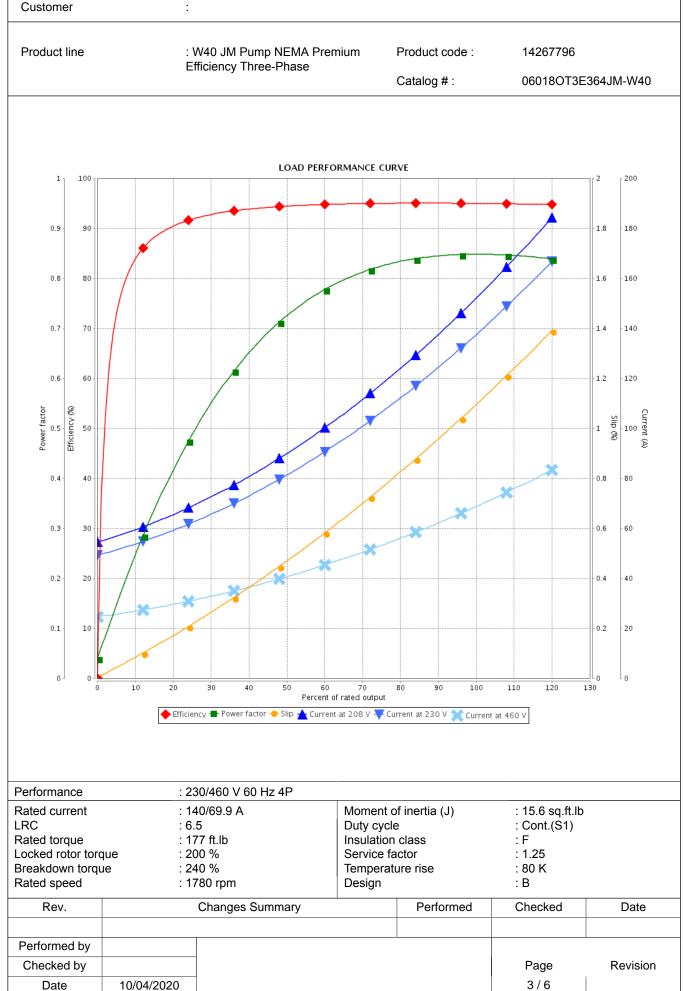


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

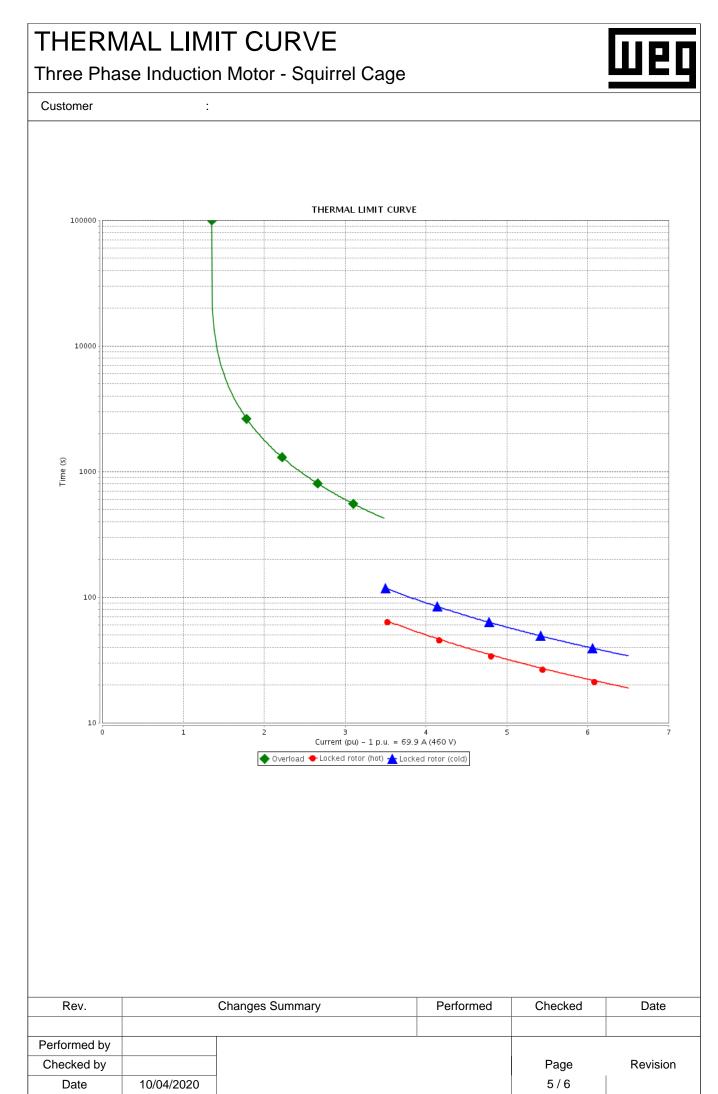
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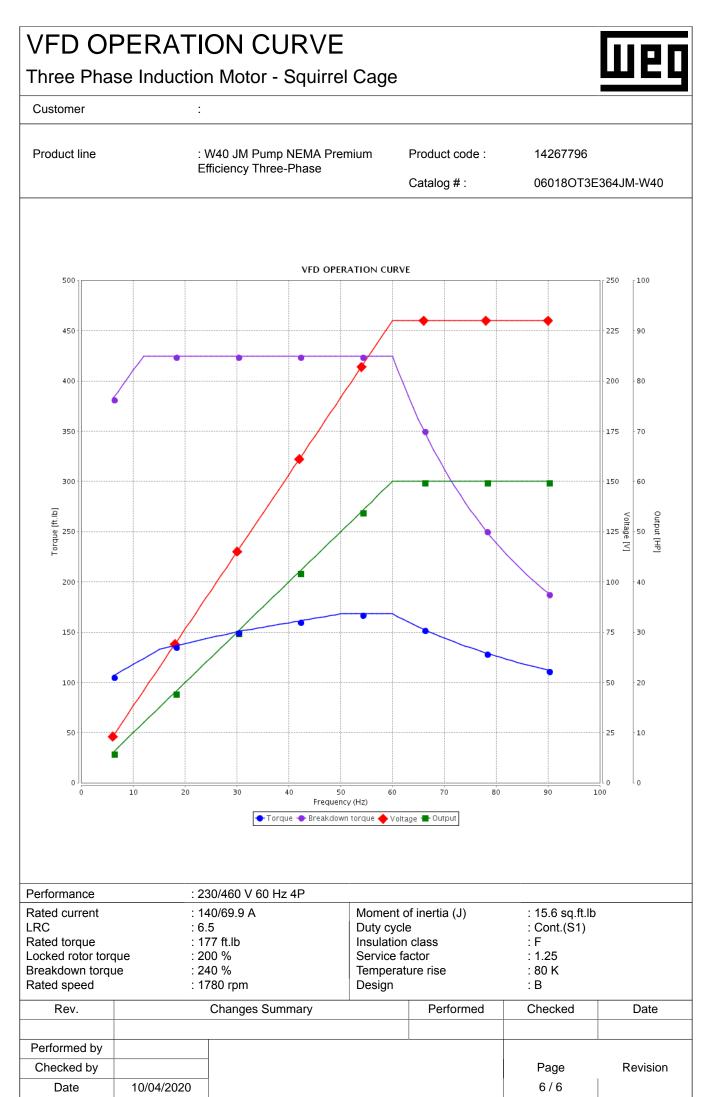
Customer

Product line	: W40 JM Pump NEMA Premi Efficiency Three-Phase		Product code : Catalog # :	14267796 06018OT3E3	64.IM-W40
Performance	: 230/460 V 60 Hz 4P				
Rated current	: 140/69.9 A	Moment o	f inertia (J)	: 15.6 sq.ft.lb	
LRC Pated torque		Duty cycle Insulation		: Cont.(S1) : F	
Rated torque Locked rotor torque		Service fa		. F : 1.25	
Breakdown torque	: 240 %	Temperatu		: 80 K	
Rated speed	: 1780 rpm	Design		: B	
Heating constant					
Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date
Performed by				I	
Checked by				Page	Revision
Date 10/04/2	020			4/6	

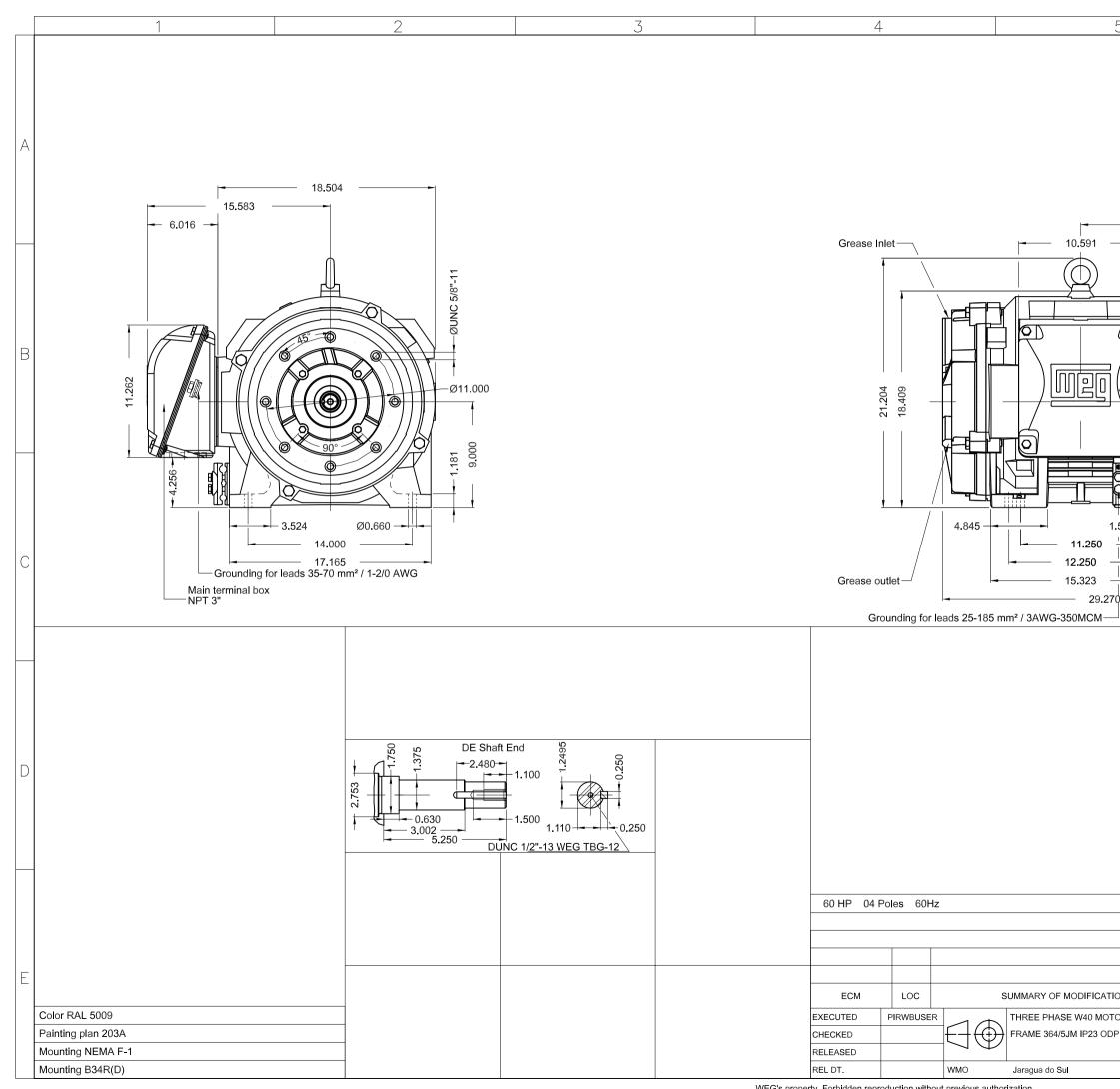
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ror NEMA PREMIUM EFF PREVIEW WDD 8		
	IONS EXECUT	ED CHECKED RELEASED DATE VER
		PREVIEW
	Р	
	Product Engineerir	

-W40	Inverter Duty Motor	N Course on PWM, VT 1000:1, CT 2:1, 1.05F
MODEL 060180T3E364JM-W MADE IN BRAZIL 14267796	PH 3 FR $364/5$ JM HP(kW) $60.0(45.0)$ Hz 60 V $230/460$ A $140/69.9$ RPM 1780 DES B NEMA NOM EFF 95.0 % INS. CL. F $\triangle T$ 80 K IP23 ENCL ODP DUTY CONT. AMB. 40°C	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
MODEL 06 MAD	CODE G PF 0.85 SF 1.25 SFA 175/87.4 USABLE @208V 155 A SF 1.15 SFA 178 50HP 37kW 50Hz 380V 69.6A 1480RPM SF1.00 EFF 93.9% (IE3)	$\stackrel{\bullet}{=} \stackrel{6314-C3(27g)}{\to} \stackrel{\text{MOBIL POLYREX EM}}{20000 \text{ h}}$ ALT 1000 m.a.s.l. 767 Lbs