DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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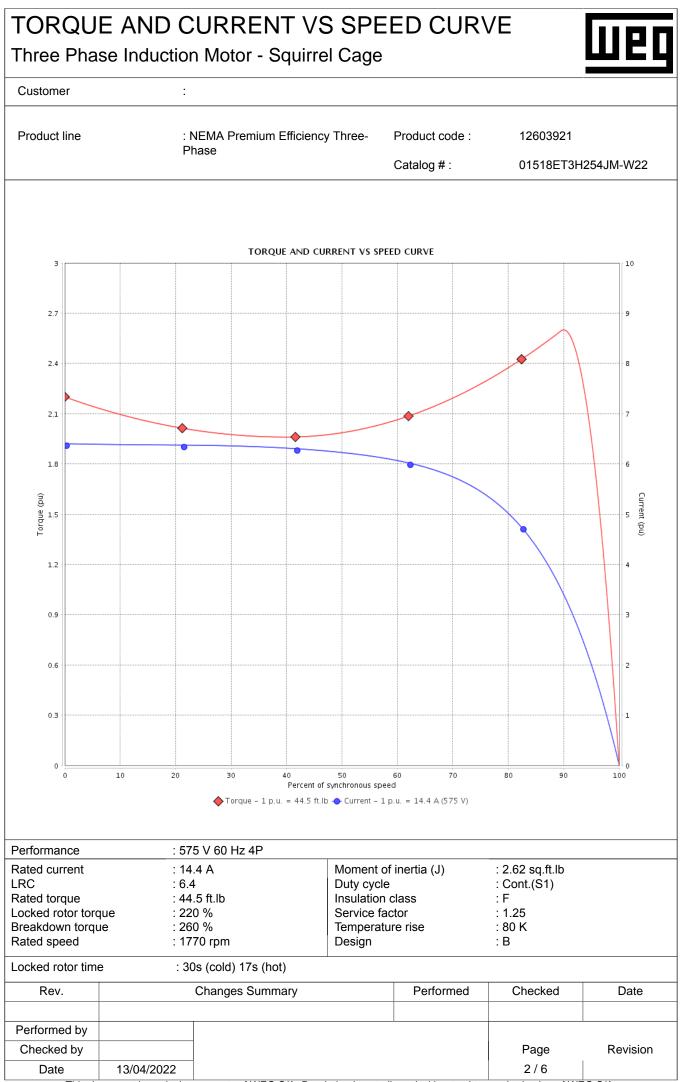
Customer

		NEMA Pre Phase	emium Efficiency	Three-	Product code :	12603921	12603921		
		11035			Catalog # :	01518ET3F	1254JM-W22		
Frame	:	254/6JM		Locked	rotor time	: 30s (cold)) 17s (hot)		
Output	:	15 HP (11	kW)	Tempei	ature rise	: 80 K	, , ,		
Poles		4	,	Duty cy		: Cont.(S1))		
Frequency	:	60 Hz			it temperature	: -20°C to -			
Rated voltage		575 V		Altitude		: 1000 m.a			
Rated current		14.4 A			ion degree	: IP55			
L. R. Amperes		92.2 A			method	: IC411 - T	FFC		
LRC		6.4x(Code	G)	Mountii		: F-1			
No load current		5.76 A	, 0)	Rotatio			/ and CCW)		
Rated speed		1770 rpm		Noise I		: 64.0 dB(A			
Slip		1.67 %			g method	: Direct On			
Rated torque		44.5 ft.lb			. weight ³	: 294 lb			
Locked rotor tor		220 %		Applox	. weigin	. 294 10			
Breakdown torg		260 %							
Insulation class		F							
Service factor		1.25							
Moment of inerti	• •	2.62 sq.ft.	lb						
Design	:	В							
Output	50%	75%	100%	Foundati	on loads				
Efficiency (%)	91.0	91.7	92.4	Max. trac	tion	: 408 lb			
Power Factor	0.68	0.78	0.83	Max. con	pression	: 702 lb			
	· · · · · ·		Drive end		Non drive end	1			
Bearing type			6309 C3		6209 C3	<u>4</u>			
Sealing			V'Ring	V'Ring 20000 h					
Lubrication inter	. lev		20000 h						
Lubricant amou			12 a		0 0				
			13 g Mo	bil Polyrex	9 g EM				
Lubricant amoun Lubricant type Notes				bil Polyrex					
Lubricant type				bil Polyrex					
Lubricant type Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at	i laces and cance ed. notor from the sh 1m and with tole weight subject to rocess.	aft end. rance of +3	mus one, which	These a	EM Te average values	based on tests w			
Lubricant type Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	i laces and cance ed. notor from the sh 1m and with tole weight subject to rocess.	aft end. rance of +3 o changes a	mus one, which	These at power st	EM Te average values				
Lubricant type Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	i laces and cance ed. notor from the sh 1m and with tole weight subject to rocess.	aft end. rance of +3 o changes a	bus one, which BdB(A). after	These at power st	EM Te average values apply, subject to th	ne tolerances stipu	ulated in NEMA		
Lubricant type Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	i laces and cance ed. notor from the sh 1m and with tole weight subject to rocess.	aft end. rance of +3 o changes a	bus one, which BdB(A). after	These at power st	EM Te average values apply, subject to th	ne tolerances stipu	ulated in NEMA		
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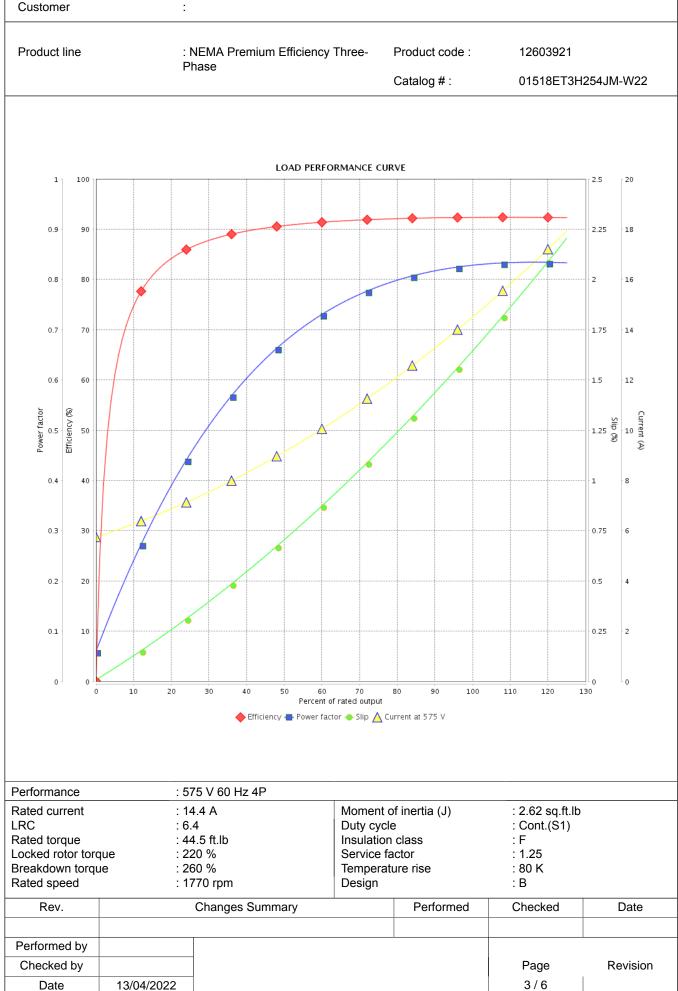


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

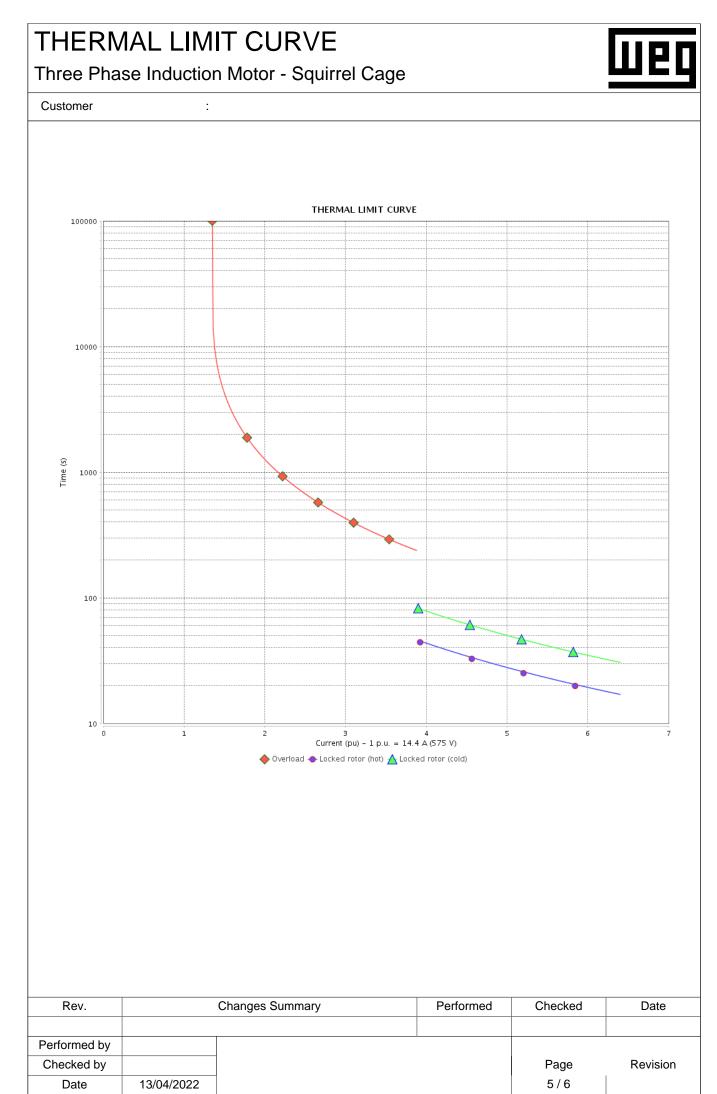


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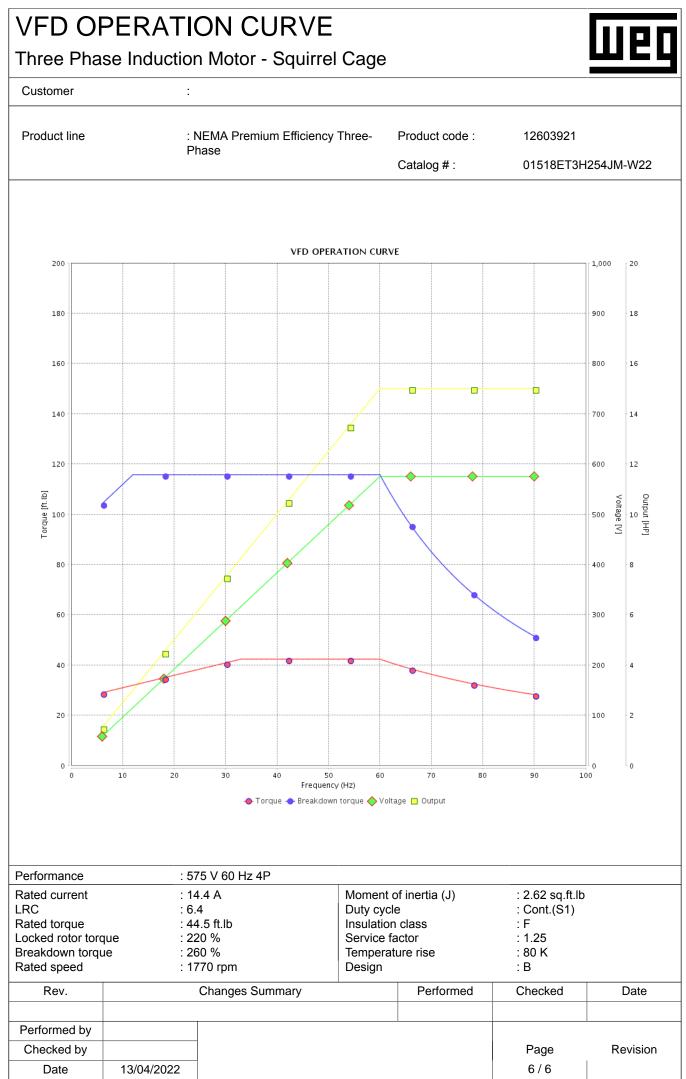
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ustomer	duction Motor - Squirrel Cage				
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12603921		
	Flidst	Catalog # :	01518ET3H254JM-W22		

Rated current					
LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 14.4 A : 6.4 : 44.5 ft.lb : 220 % : 260 % : 1770 rpm	Duty cyc Insulatio Service	on class	: 2.62 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant Cooling constant					
Rev.	Changes Su	ummary	Performed	Checked	Date
Performed by Checked by				Page	Revision
	3/04/2022			4/6	

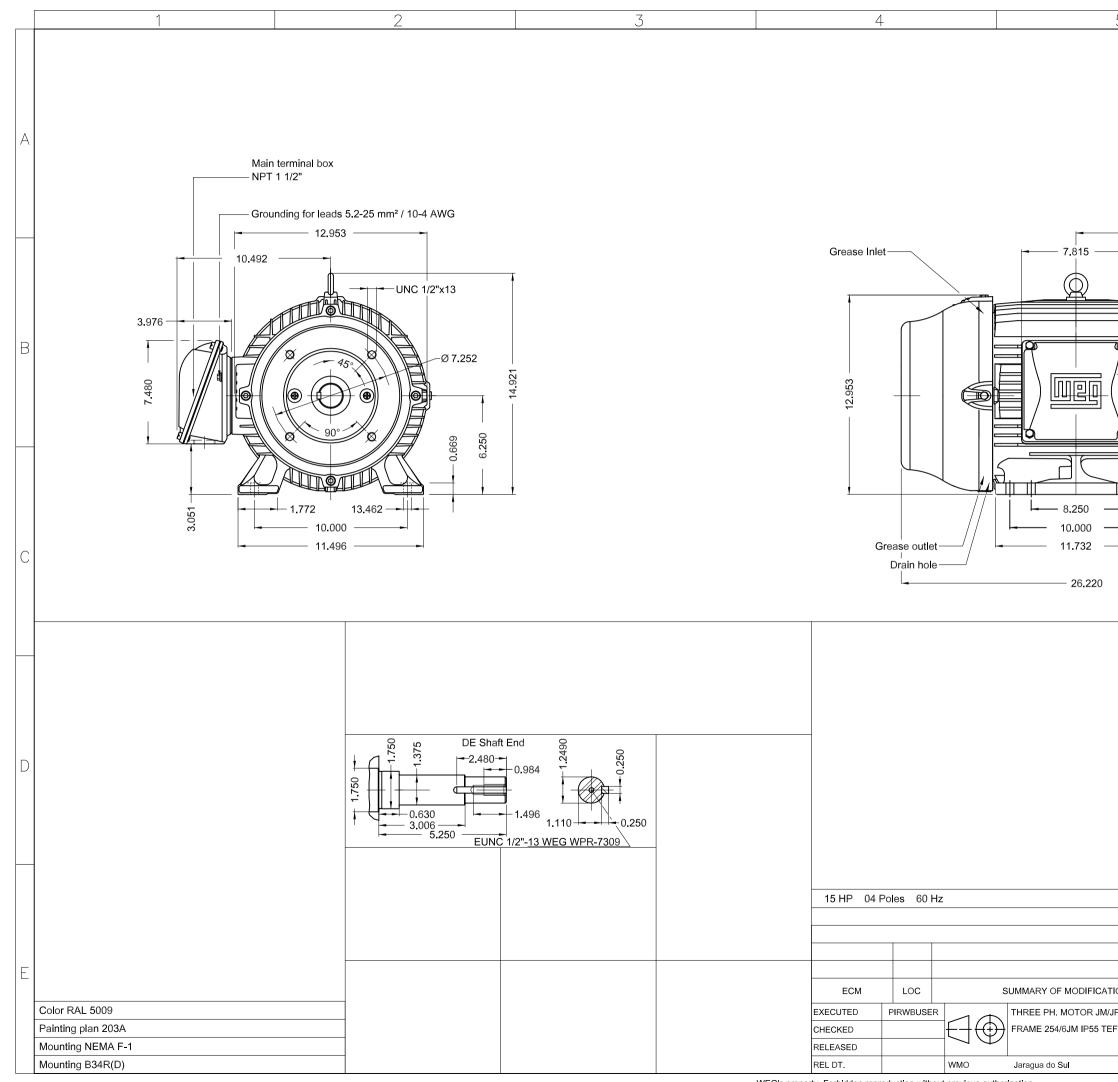


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IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
IP/JET PUMP W22 PF						
FC		PREVI		ШВ		A3
		WDD		шС	9	
Product	t Engineering	SHEET	1 / 1			XME

-W22	Inverter Duty Motor Severe Duty					CUUS USTED FOR SAFE AREA MOD.TE1BFOXON		C US For use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A						
MODEL 01518ET3H254JM-V MADE IN BRAZIL 12603921	H 3 FR 254/6JM HP(kW) 15(1				15(11	11) Hz 60		0			T			
3H254 BRA 1921	v 575 A 14.4							IF	°55		J1 ↓1			
18ET: IN 2603	NEMA NOM EFF		9	2.4 % RPM		RPM	РМ 1768		L1 L2 L3 △ 575V					
015 115	ENCL TEFC	DUTY		CONT.		INS.	cl. F	ΔT	80 K	-+ 6309-	-03	M	DBIL POLYREX EM	
IODEL	PF 0.83			DES	В	CODE	G	AMB.	40°C	• 6309 → 6209-			3 g 20000 h	
2	SF 1.25		sfa 18.0)			ALT 1	1000	m.a.s.l.			295	Lbs	
														J