DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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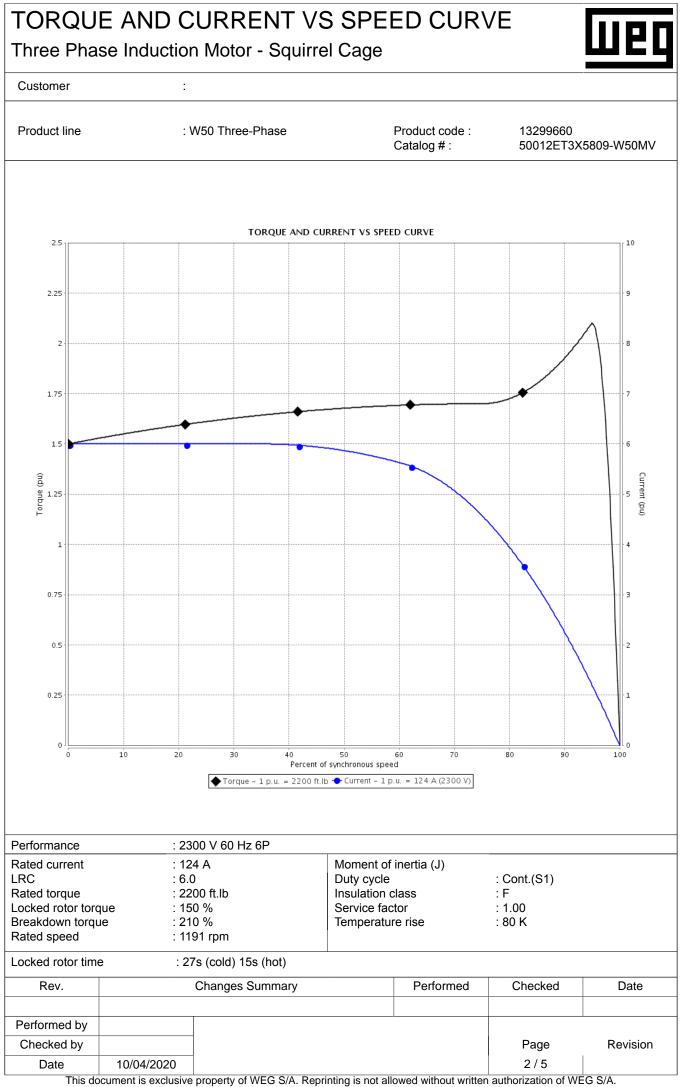
Customer

Product line		: W5	0 Three-Ph	nase	Product code : Catalog # :	13299660 50012ET3X5809-W50MV
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown toro Insulation class Service factor	rque lue	: 500 : 6 : 60 : 230 : 124 : 744 : 6.0 : 50.1 : 119 : 0.7	0 V A A (Code G) 2 A 1 rpm 5 % 0 ft.lb % %	(W)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 77.0 dB(A) : Direct On Line
Output	25%	50%	75%	100%		
Efficiency (%) Power Factor	93.6 0.40	94.1 0.63	94.5 0.73	95.0 0.79		

Notes

 This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (4) At 100% of full load. 			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.			
Rev.		Changes Summary	·	Performed	Checked	Date
		1				
Performed by						
Checked by					Page	Revision
Date	10/04/2020	1			1 / 5	
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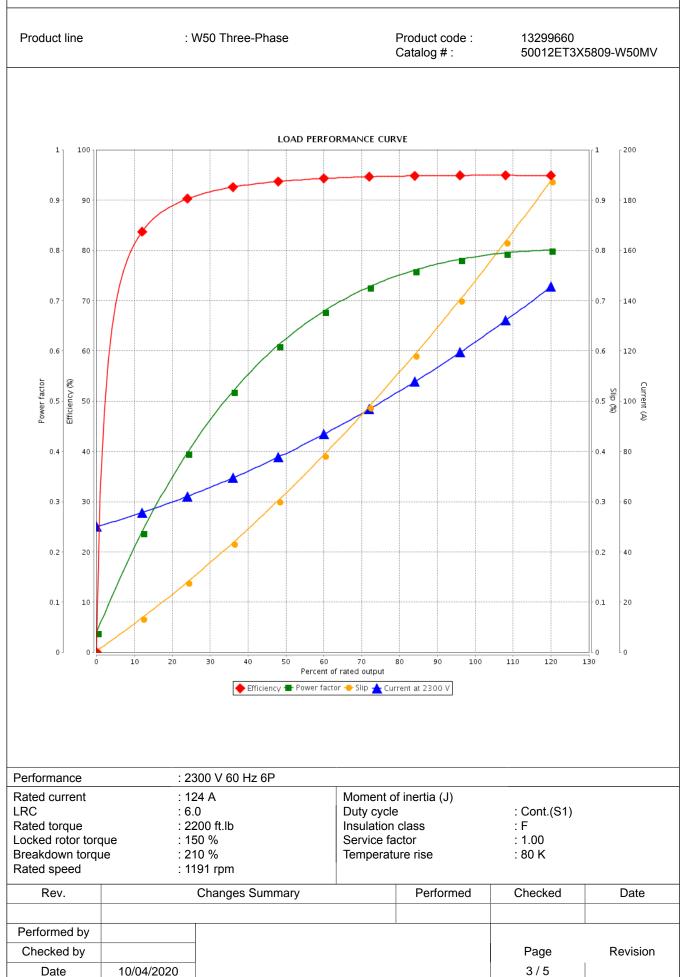


LOAD PERFORMANCE CURVE

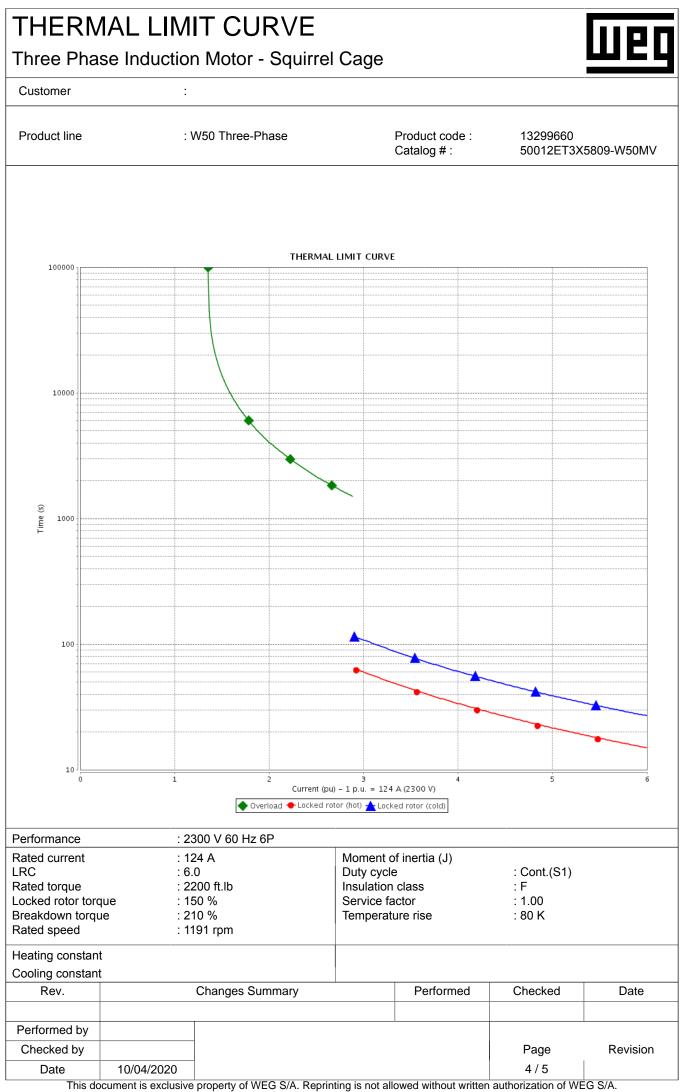
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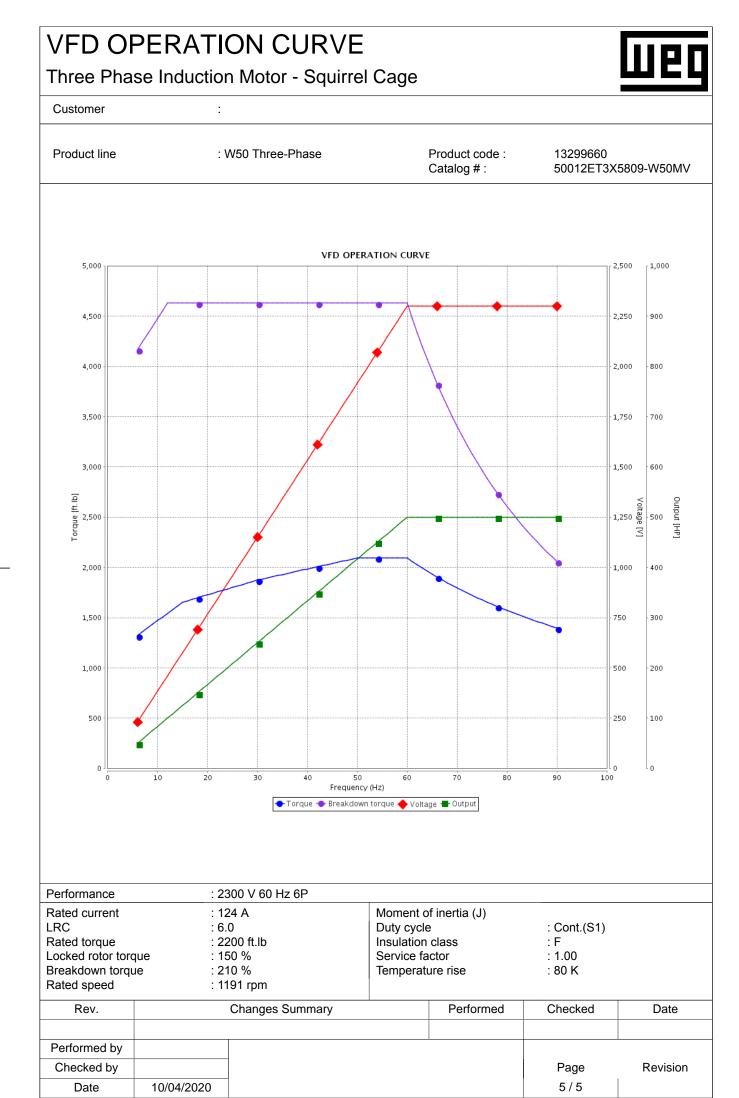
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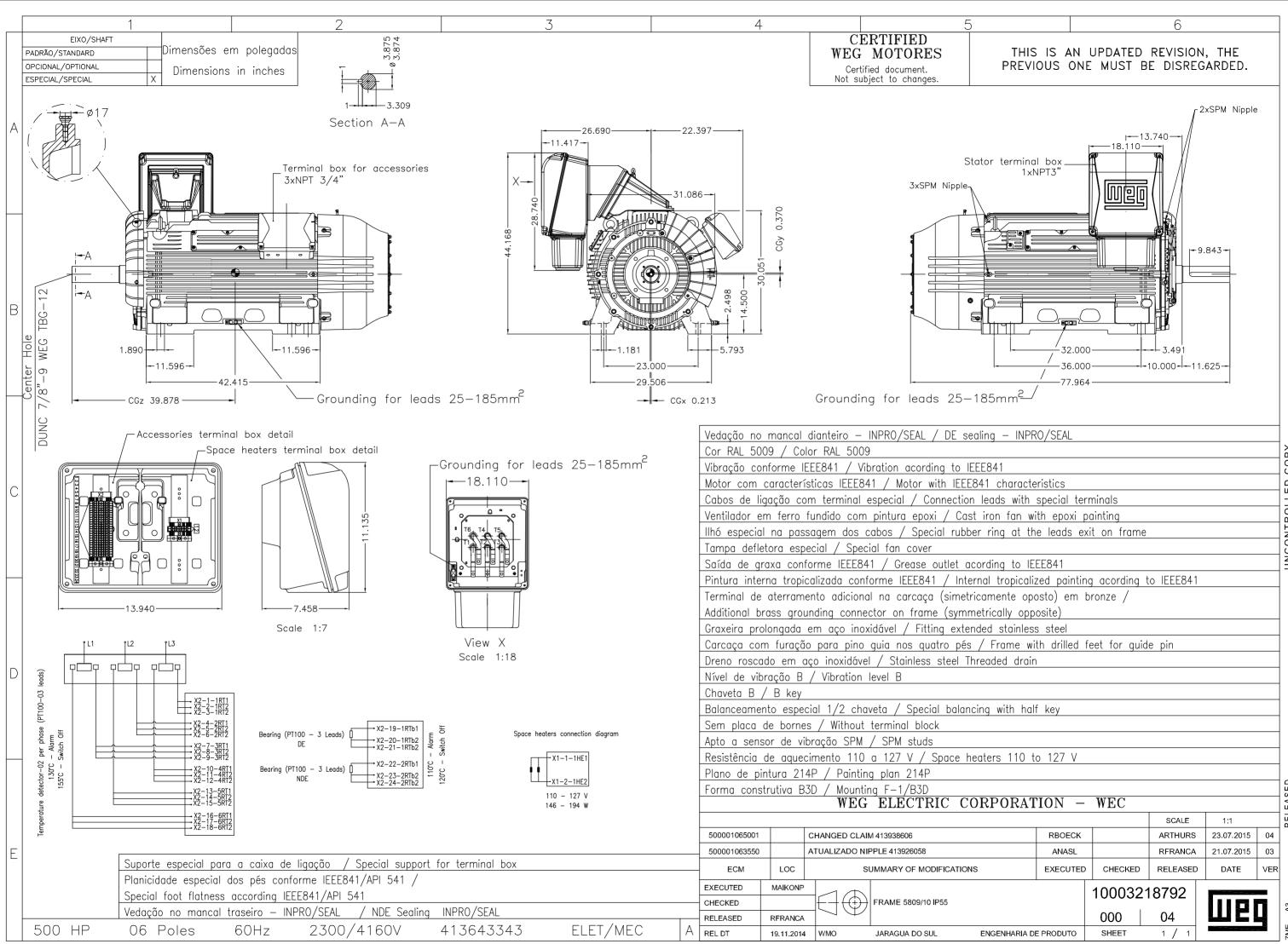


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	VIIIIIIII DAAR RA BABBAAA	MODEL 50012ET3X5809-W50MV				
		()				
BRAZIL	3 ~ 5809/10	500(370) HP(kW)				
	2300 / 4160 v	$ SF 1.00 60 Hz \ge 16 14 15 \ge 16 16 17 17 17 17 17 17 $				
∠	124 / 70.2 A	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	J ¹² J ¹³ L2 L3			
MADE	RPM 1191 N	EMA NOM. EFF. 95.0 %	LZ LJ			
2	DUTY CONT. P.	.F. 0.79 / 0.77 IP55 ♣→6322-C3(60g) MOBIL PC	LYREX EM			
	CODE H ENCL. TEFO	$\begin{array}{c c} & & & \\ \hline C & & & \\ \hline AMB & 40^{\circ}C \\ \hline \hline \bullet 6319-C3(45g) & 4500 h \\ \hline \hline \bullet 6319-C3(45g) & 4500 h \\ \hline \hline \hline \hline \bullet 6319-C3(45g) & 4500 h \\ \hline \hline$	JLIKEX EM			
	DES ALT 1000	m.a.s.l. WEIGHT 6009 Lbs	J			