DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

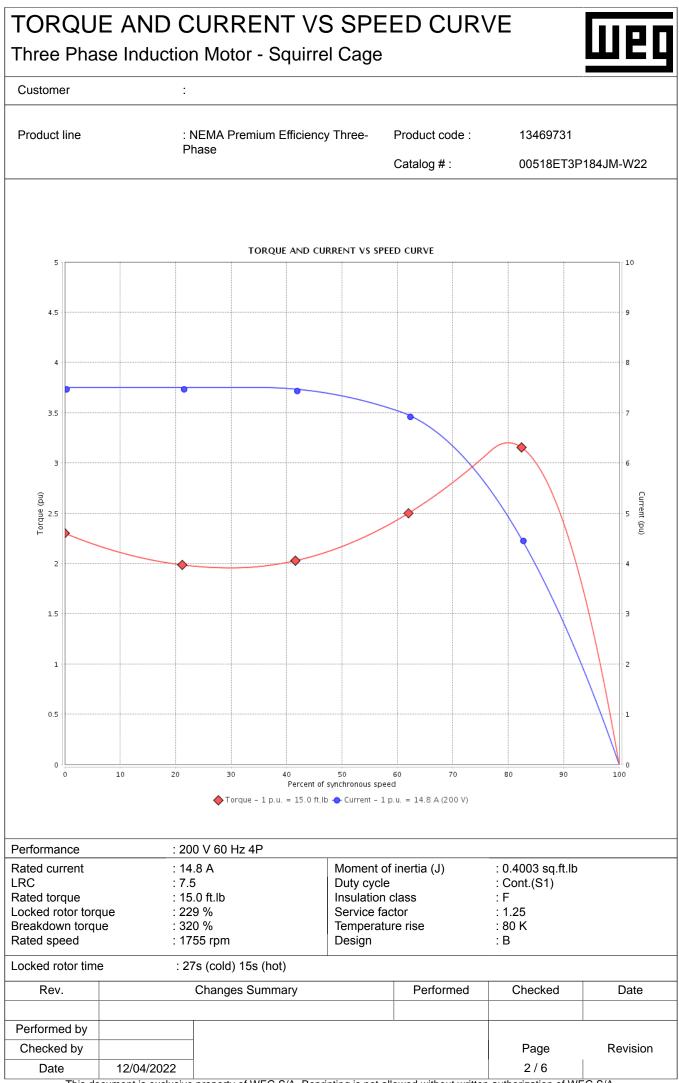
Product line		: NEMA Premium Efficiency Th Phase			inree- F	Product code :	13469731	
					C	Catalog # :	00518ET3F	2184JM-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 4 : 60 F : 200 : 14.8 : 111 : 7.5» : 7.36 : 175 : 2.50 : 15.0 : 229 : 320 : F : 1.25	P (3.7 kW) Hz V 3 A A ((Code J) 5 A 5 rpm) %) %) ft.lb % %		Tempera Duty cyc Ambient Altitude	t temperature on degree method g 1 ¹ vvel ² method	: 27s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 56.0 dB(A : Direct On : 102 lb) +40°C .s.l. EFC / and CCW) \)
Output	25%	50%	75%	100%	Foundatio	n loads	· · · · · · · · · · · · · · · · · · ·	
Efficiency (%)	88.2	88.5	89.5	89.5	Max. tract		: 255 lb	
Power Factor	0.37	0.62	0.74	0.80	Max. com	pression	: 357 lb	
Sealing Lubrication inter Lubricant amour Lubricant type Notes		· · ·		Ring - - Mo	obil Polyrex I	V'Ring - EM		
Lubrication inter Lubricant amour Lubricant type	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc	previous or end. e of +3dB(A	- Mo	These are	-		
Lubrication inter Lubricant amour Lubricant type Notes This revision repl nust be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	previous or end. e of +3dB(A	- Mo	These are power su	EM		
Lubrication inter Lubricant amour Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	previous or end. e of +3dB(<i>A</i> anges after	- Mo	These are power su	EM	e tolerances stipu	ulated in NEM

ШЕО

 Date
 12/04/2022

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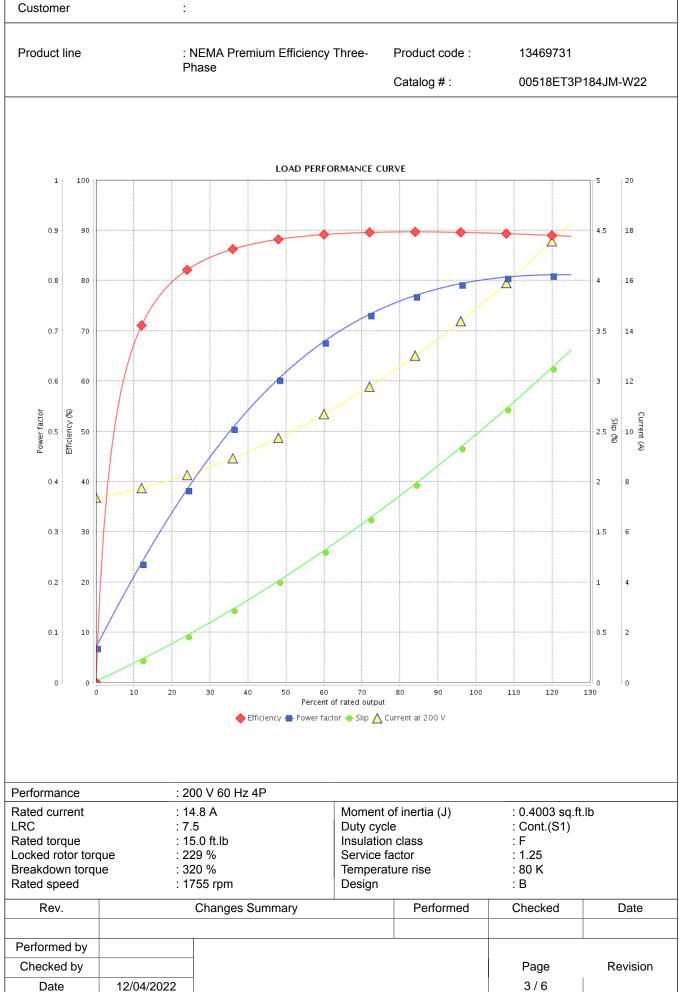


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LOAD PERFORMANCE CURVE

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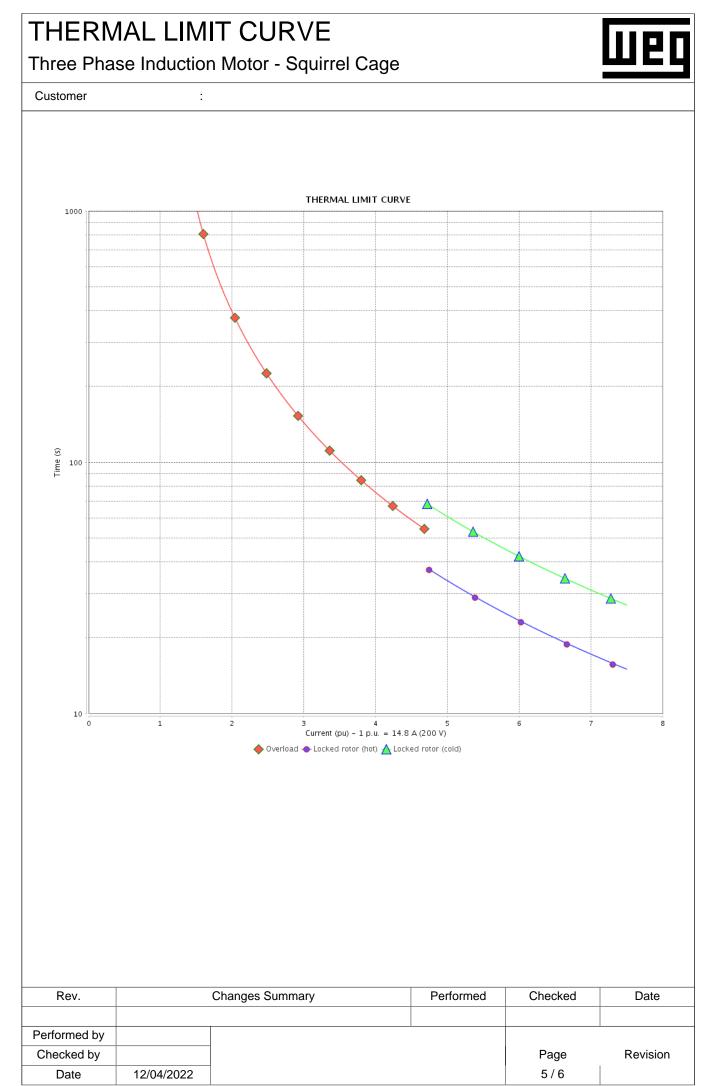
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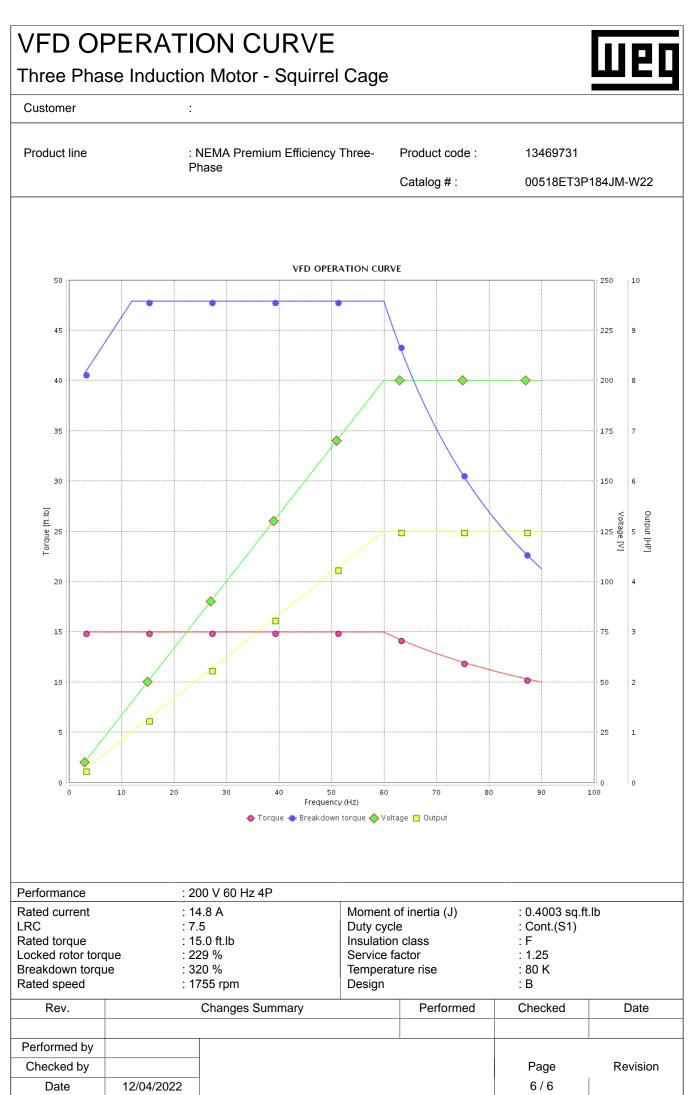
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	13469731
	Flidse	Catalog # :	00518ET3P184JM-W22

Performance	erformance : 200 V 60 Hz 4P					
Rated current : 14.8 A		4.8 A	Moment of inertia (J)		: 0.4003 sq.ft	.lb
LRC : 7.5		.5	Duty cycle		: Cont.(S1)	
Rated torque : 1		5.0 ft.lb	Insulation class		:F	
		29 %	Service factor		: 1.25	
		20 %	Temperature rise		: 80 K	
•		755 rpm	Design		: B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				4 / 6	

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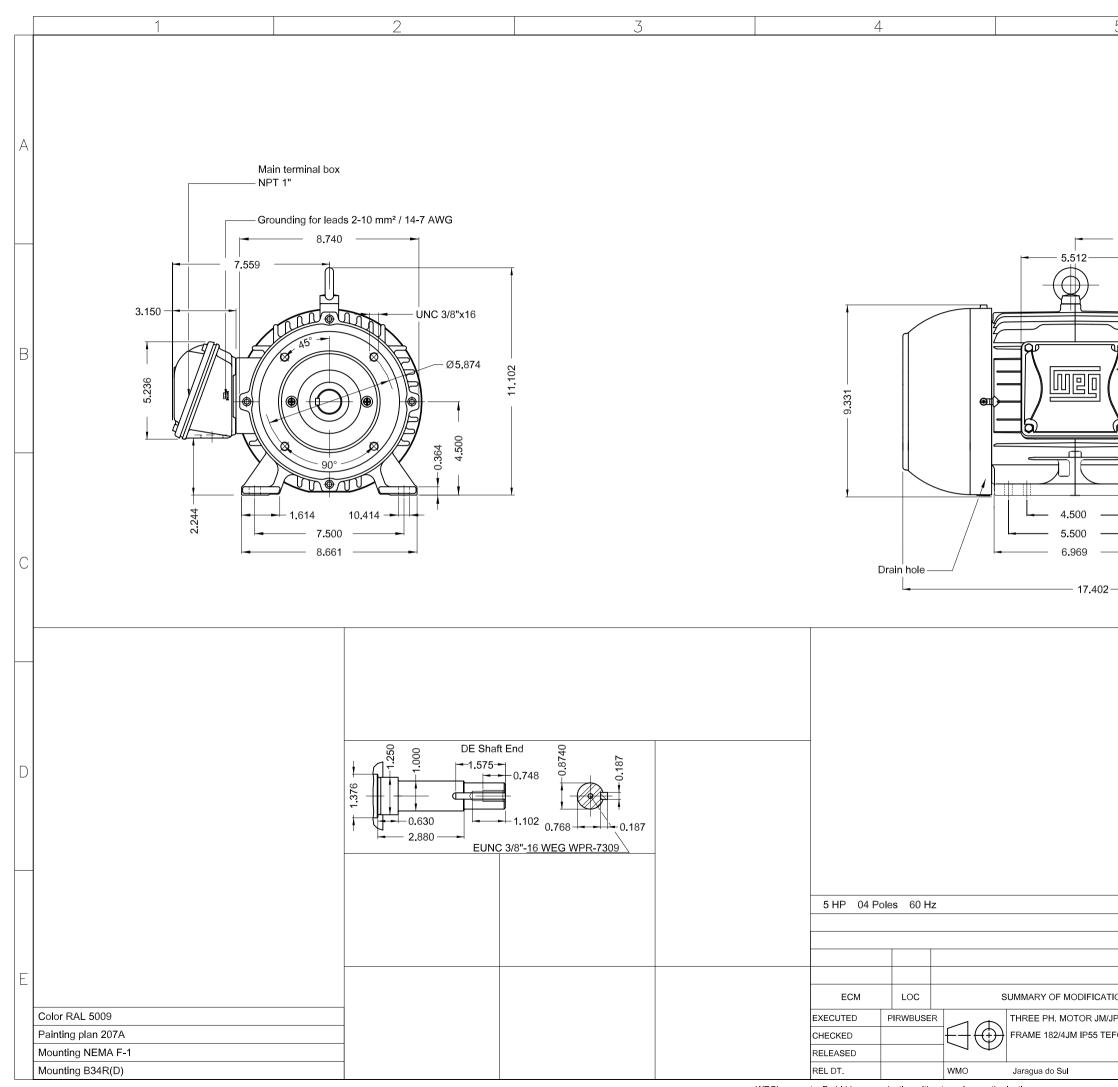


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5			6			
5.492	0.157	4.258 Drain hole	6.496			
					A	Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
P/JET PUMP W22 PF	REM. EFF.	PREVI	EW			
FC		WDD		ШВ	9	E A3
Product	tEngineering	SHEET	1 / 1			XME

