DATA SHEET

Three Phase Induction Motor - Squirrel Cage

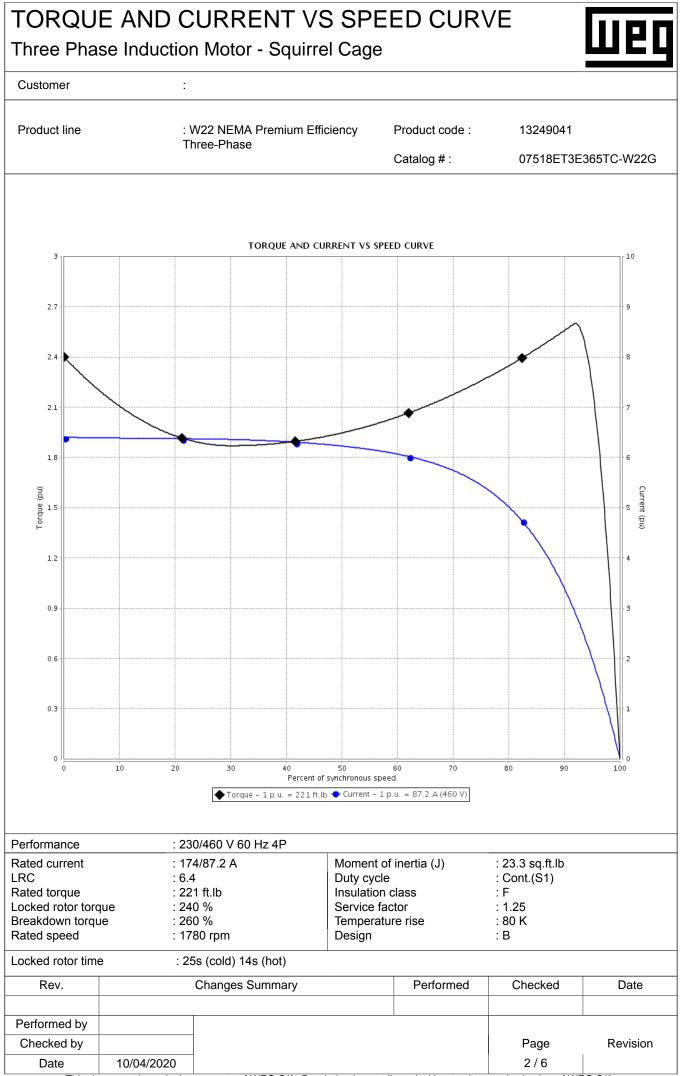
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Product line		: W22 NEMA Premium Efficie Three-Phase			5	ency Product code :		13249041	
					C	atalog # :	07518ET3E	365TC-W22G	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	ue	: 4 : 60 F : 230. : 174. : 1110 : 6.4x : 66.0 : 178 : 1.11 : 221 : 240 : 260 : F : 1.25	HP (55 kW) Hz /460 V /87.2 A 6/558 A ((Code G))/33.0 A 0 rpm ⊢% ft.lb % %)	Altitude	ture rise le temperature on degree method y vel ² method	: 25s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 67.0 dB(A : Direct On : 965 lb	40°C s.l. EFC and CCW)	
-	250/		750/	1000/	Foundation				
Sutput	25%	50%	75%	100%	Max. traction		: 1704 lb		
Efficiency (%) Power Factor	94.0 0.44	94.5 0.68	95.0 0.78	95.4 0.83	Max. traction	•••	: 1704 lb : 2669 lb		
Sealing			V\	/Seal		WSeal			
Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V	nt	: 1.10 SFA 2	2	000 h 27 g Mo	obil Polyrex E	12000 h 27 g			
Lubricant amoun Lubricant type Notes	186A SF 186A SF 186A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc	205A 205A previous o end. e of +3dB(<i>i</i>	27 g Mc	These are	27 g	based on tests wi e tolerances stipu		
Lubricant amoun Lubricant type Notes JSABLE @208V Fhis revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	186A SF 186A SF 186A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	205A 205A previous o end. e of +3dB(<i>i</i>	27 g Mo ne, which A).	These are power sup	27 g			
Lubricant amoun Lubricant type Notes JSABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	186A SF 186A SF 186A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	205A previous o end. e of +3dB(inges after	27 g Mo ne, which A).	These are power sup	27 g	e tolerances stipu	lated in NEMA	
Lubricant amoun Lubricant type Notes JSABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	186A SF 186A SF 186A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	205A previous o end. e of +3dB(inges after	27 g Mo Ine, which A).	These are power sup	27 g	e tolerances stipu	lated in NEMA	

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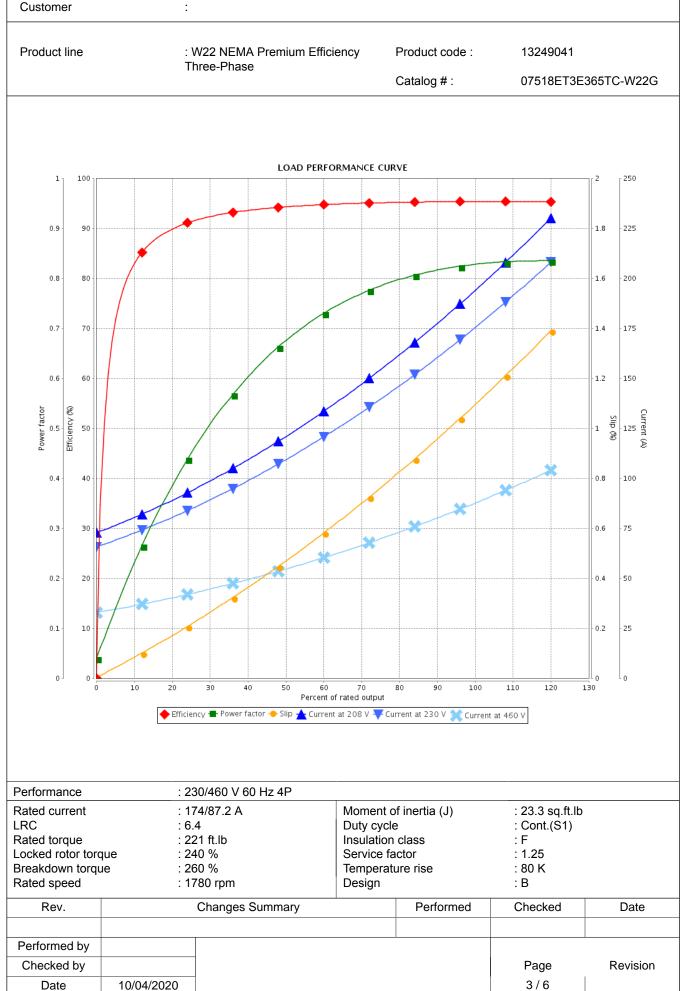


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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THERMAL LIMIT CURVE

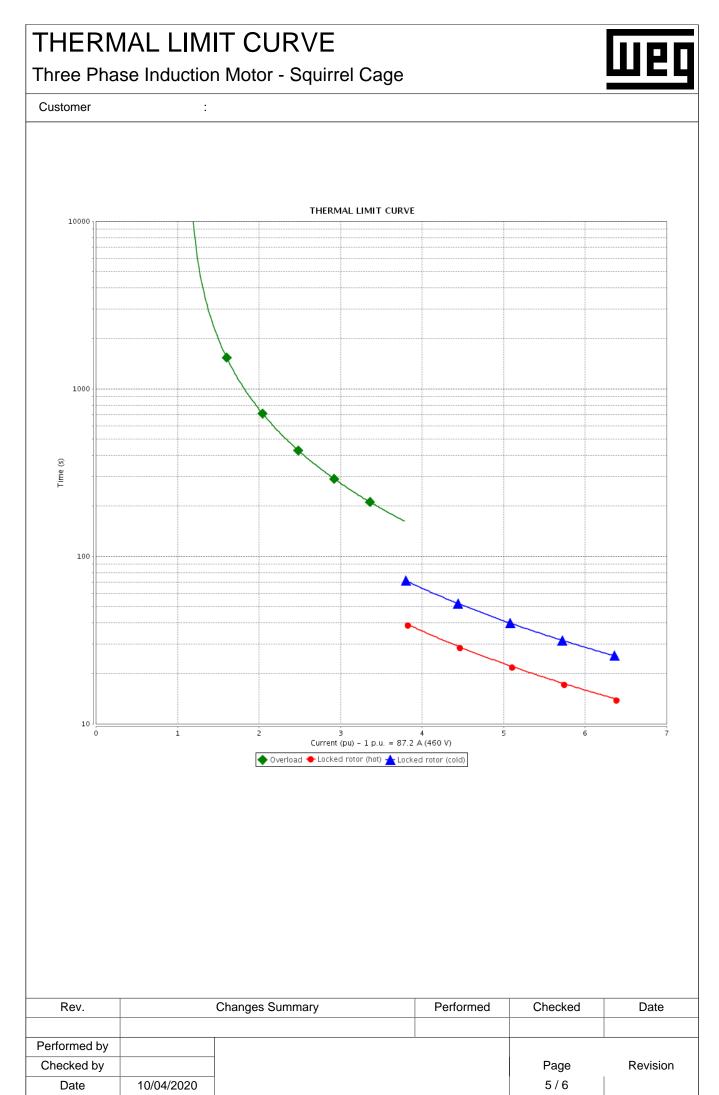
Three Phase Induction Motor - Squirrel Cage



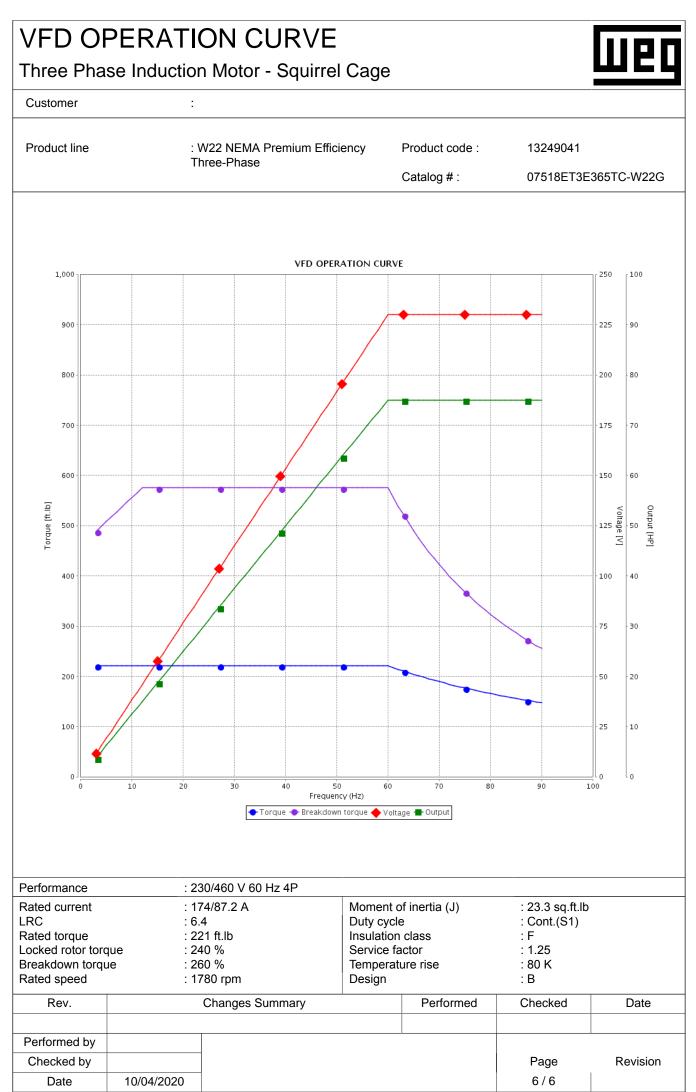
Customer

Customer	:				
Product line	: W22 NEMA Premium Efficie Three-Phase		Product code :	13249041	
			Catalog # :	07518ET3E365TC-W22G	
Performance	: 230/460 V 60 Hz 4P				
Rated current	: 174/87.2 A	Moment	of inertia (J)	: 23.3 sq.ft.lb	
LRC	: 6.4	Duty cyc	le	: Cont.(S1)	
Rated torque	: 221 ft.lb	Insulation		: F	
Locked rotor torque Breakdown torque	: 240 % : 260 %	Service f Tempera		: 1.25 : 80 K	
Rated speed	: 1780 m	Design		: B	
Heating constant					

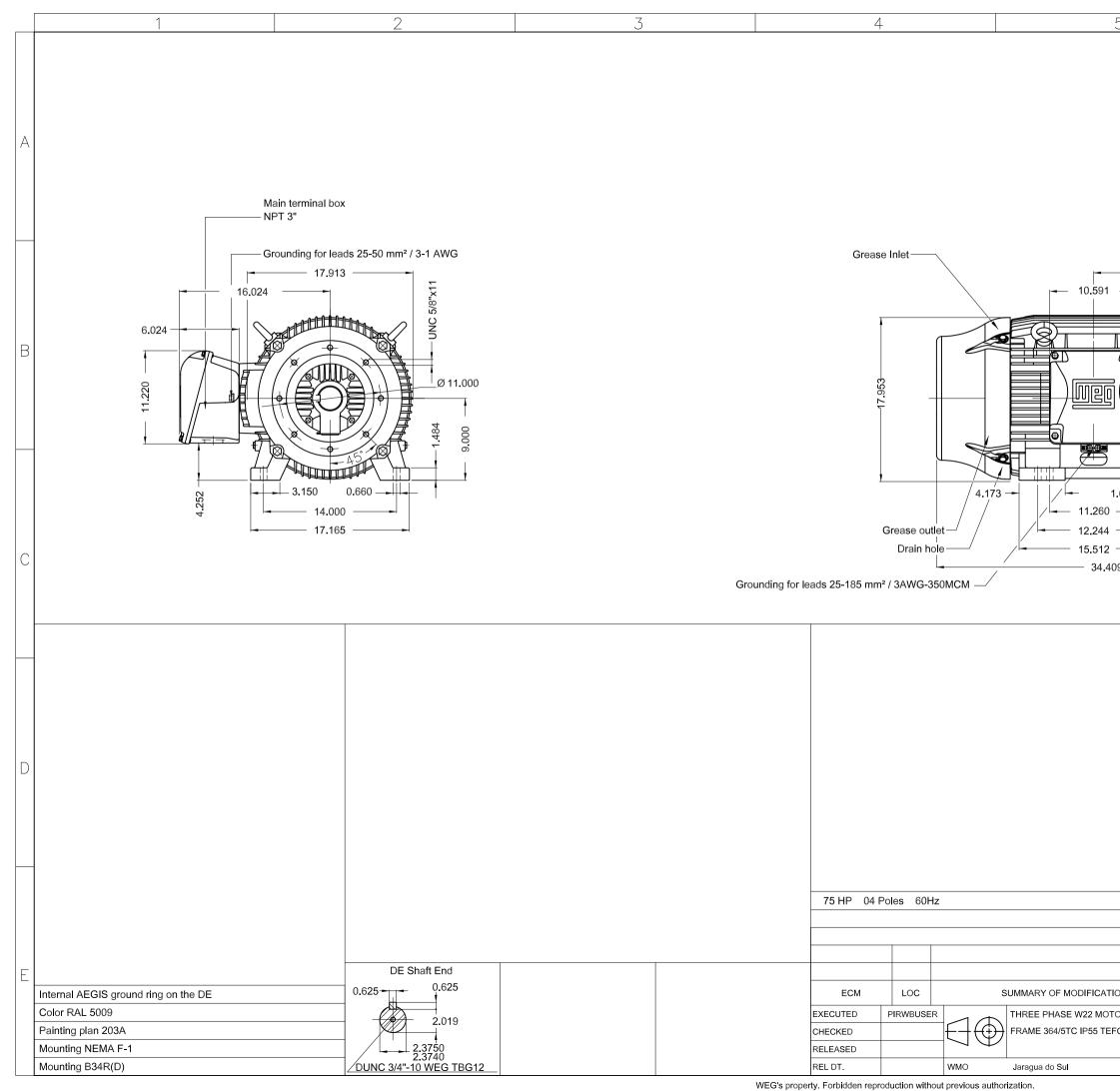
Cooling constant Performed Checked Date Rev. Changes Summary Performed by Checked by Page Revision 10/04/2020 4/6 Date This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



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