DATA SHEET

Three Phase Induction Motor - Squirrel Cage

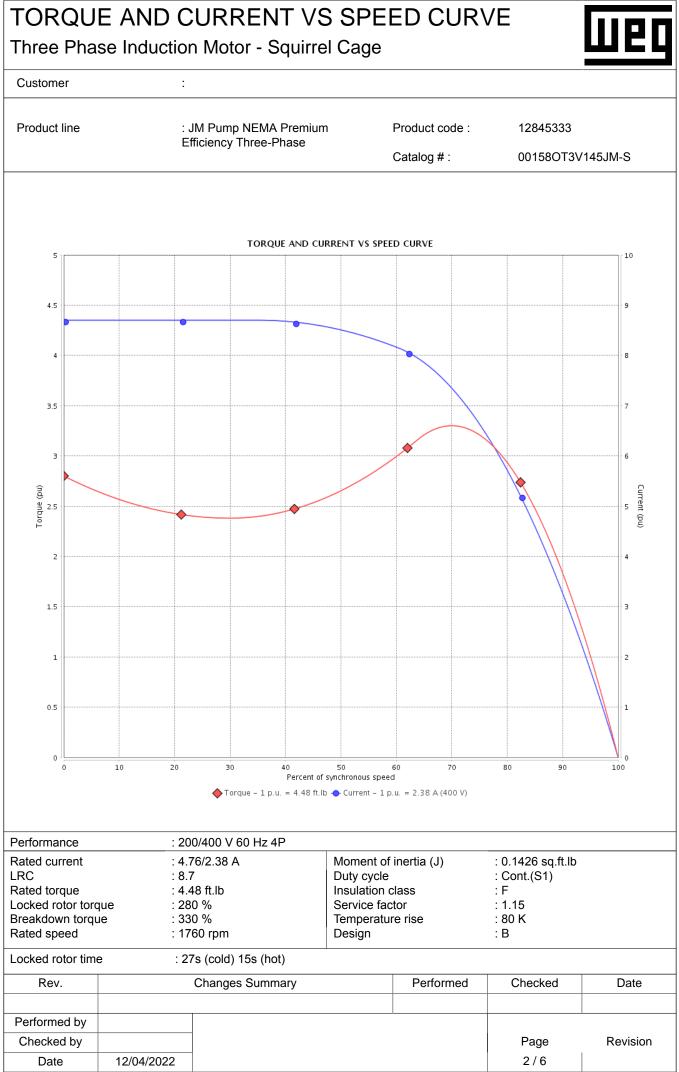
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Customer

			Pump NEM ency Three	IA Premium e-Phase	Product c	ode :	12845333		
					Catalog #	:	00158OT3V145JM-S		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor Moment of inertia	ie	: 1.5 : 4 : 60 H : 200 : 4.76 : 41.4 : 8.7) : 2.76 : 176 : 2.22 : 4.48 : 280 : 330 : F : 1.15	/400 V 6/2.38 A 4/20.7 A ((Code L) 6/1.38 A 0 rpm 2 % 3 ft.lb % %		Locked rotor time Temperature rise Duty cycle Ambient tempera Altitude Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	9	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : F-1 : Both (CW and CCW) : 52.0 dB(A) : Direct On Line : 43.9 lb		
Design	a (J)	: 0.12 : B	+20 Sq.It.ID						
Output	25%	50%	75%	100%	Foundation loads				
Efficiency (%)	83.6	84.0	86.5	86.5	Max. traction		: 106 lb		
Power Factor	0.32	0.56	0.69	0.77	Max. compression		: 150 lb		
Bearing type Sealing Lubrication interv Lubricant amoun		:	62	<u>e end</u> 06 ZZ Bearing Seal	<u>Non drive end</u> 6203 ZZ Without Bearing Seal - - bil Polyrex EM				
Lubricant type		:		Мо	bil Polyrex EM				
Lubricant type		:		Mo	bil Polyrex EM	-			
Lubricant type		: : 		Mo	bil Polyrex EM				
Lubricant type				Mo	bil Polyrex EM				
Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and o ed. lotor from Im and with veight sub ocess.	the shaft e th toleranc	end. e of +3dB(ne, which A).	bil Polyrex EM These are average power supply, subj MG-1.				
Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v	aces and o ed. lotor from Im and with veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(one, which A).	These are average power supply, subj	ject to the t			
Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and o ed. lotor from Im and with veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(anges after	one, which A).	These are average power supply, subj MG-1.	ject to the t	olerances stipu	lated in NEMA	
Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and o ed. lotor from Im and with veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(anges after	one, which A).	These are average power supply, subj MG-1.	ject to the t	olerances stipu	lated in NEMA	

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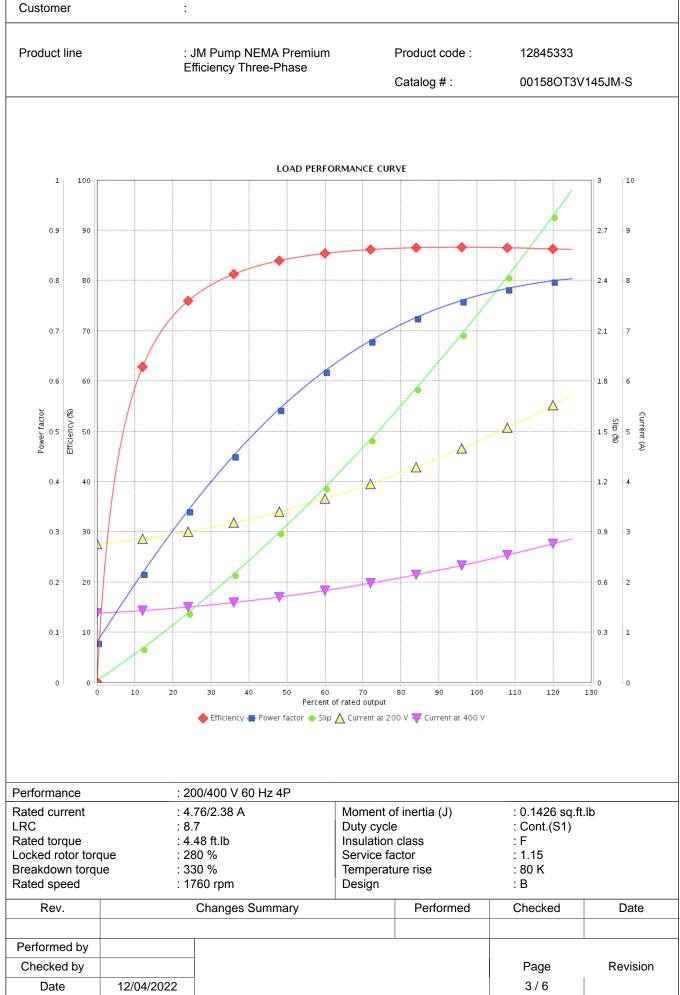


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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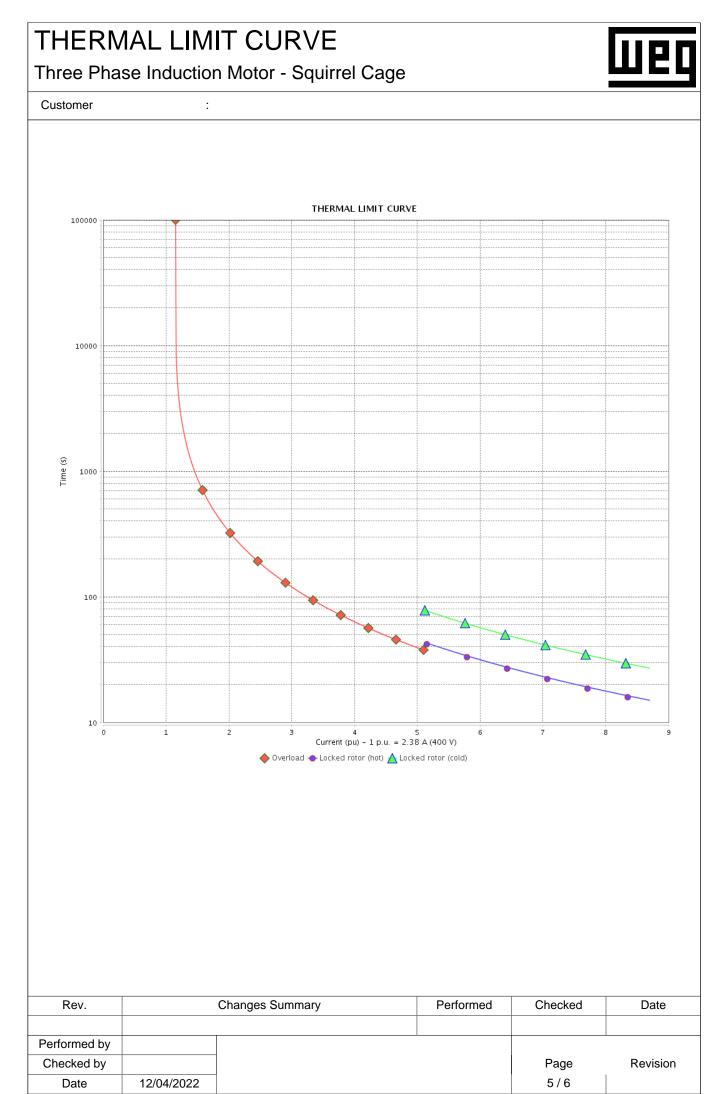
Customer

Product line	: JM Pump NEMA Premium Efficiency Three-Phase			Product code :	12845333	
				Catalog # :	00158OT3V	145JM-S
Performance	: 20	00/400 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 4. : 8. : 4. que : 28 Je : 33	76/2.38 A	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.1426 sq.ft. : Cont.(S1) : F : 1.15 : 80 K : B	lb
Heating constan			-			
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by					I	
Checked by					Page	Revision
Date	12/04/2022	-			4 / 6	

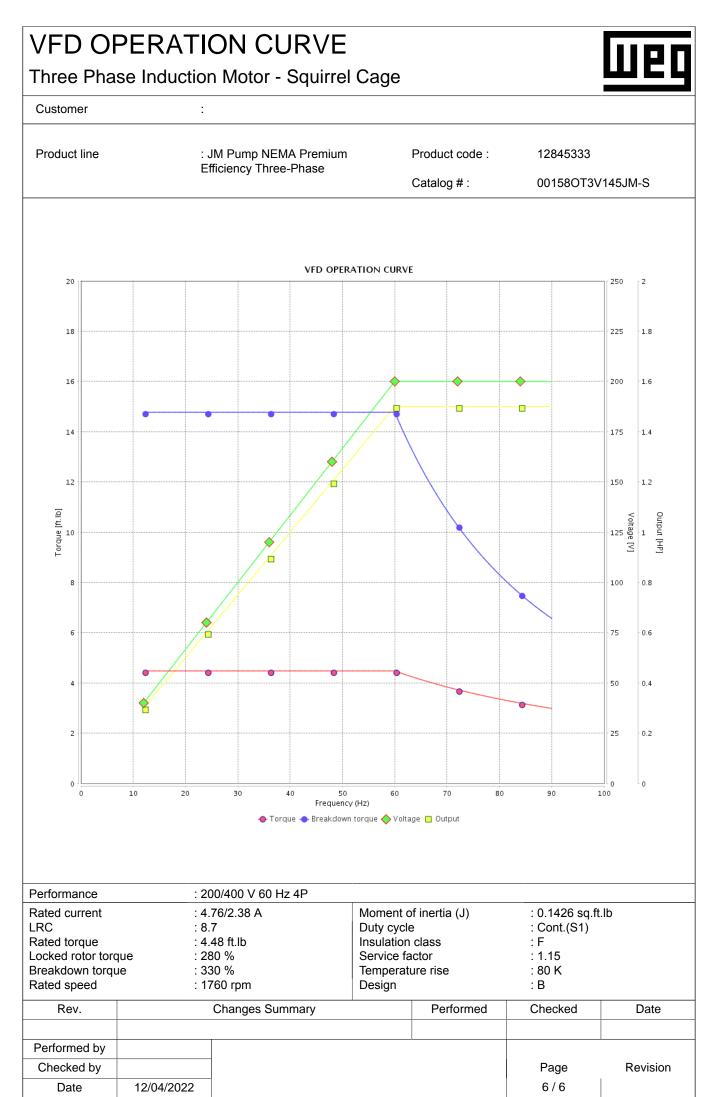
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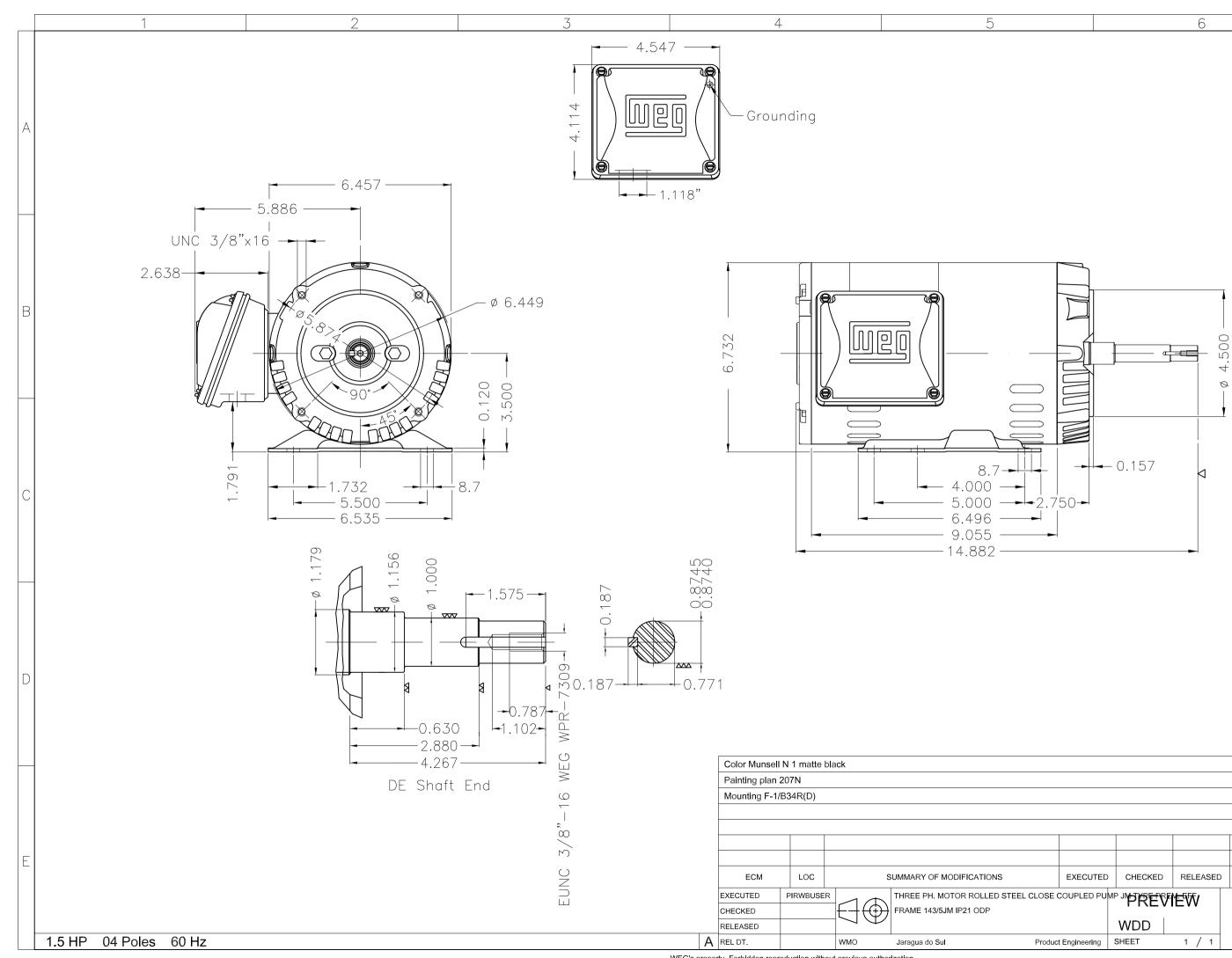


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		EW	MP JAPREVI	COUPLED PU	LED STEEL CLOSE (
A3	шец		WDD		
XME		1 / 1	SHEET	Engineering	Product
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