DATA SHEET

Three Phase Induction Motor - Squirrel Cage

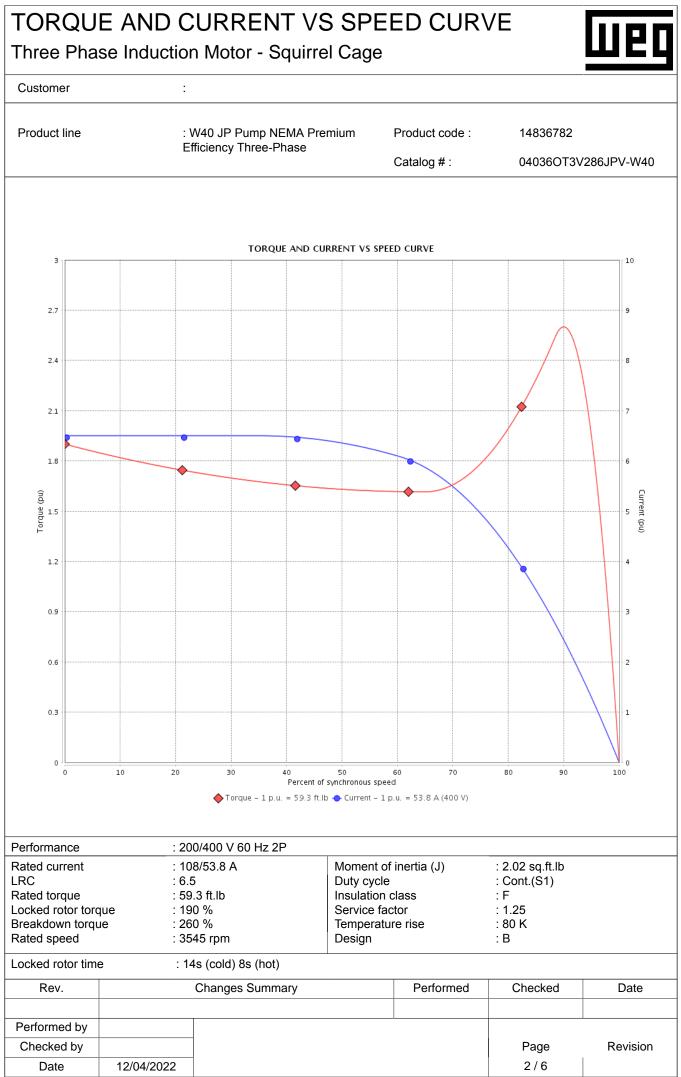
:



Frame : 284/6JP Catalog # : 04036CT3V286J Frame : 284/6JP Locked rotor time : 1436(cold) & (h Poles : 2 : 80 K Duty cycle : 80 K Prequency : 60 Hz Ambient temperature rise : 80 K Duty cycle : 200' C to 40°C Rated voltage : 200/400 V Ambient temperature : -20°C to 40°C Altitude : 20°C to 40°C Rated voltage : 200/400 V Ambient temperature : -20°C to 40°C Altitude : 20°C to 40°C I.R. Amperes : 700/350 A Cooling method : IC01 - 0DP Mounting : W-6 No load current : 354/317.1 A Rotation ¹ : Both (CW and the Noise level ² : 364 lb Starting method : Dire and Noise level ² : 364 lb : Dire and Locked rotor torque : 190 % Starting method : Dire and Max. traction Moment of inertia (J) : 2.02 sq ft.b : Barling method : Dire and Max. traction Duty t 25% 50% 75% 100% Max. traction Max. traction Moment of inertia (J) : 2.102 sq ft.b : Barling method : Dire and Mon drive and Lubrication interval : 11517 h 14226	Product line		: W40 JP Pump NEMA Premium Product code : Efficiency Three-Phase				roduct code :	14836782	
Output :40 HP (30 kW) Temperature rise :80 K (31) Protes :2 Continue :00 (400 V) Rated vortage :200/400 V Attitude :100 mas.l. Rated vortage :203/71.1 A Protection degree :1P23 Cooling method :COI - 0DP Mounting :W-6 Rated speed :3545 rpm Noise level :73.0 dB(A) Sip :1.53 % Starting method :Direct On Line Rated orongue :200 % Max. traction Max. traction Insulation class :F Starting method :Direct On Line Power Factor 0.51 0.76 0.84 0.87 Power Factor 0.51 0.76 0.84 0.87 Bearing type : : 62112 C 3 Starting relinin interval						C	atalog # :	04036OT3V	286JPV-W40
Design : B Dutput 25% 50% 75% 100% Efficiency (%) 91.5 91.7 92.4 92.4 Power Factor 0.51 0.76 0.84 0.87 Bearing type : Drive end Max. compression Bearing type : : Without Bearing Seal Lubrication interval : 11517 h 14226 h Lubricant amount : 118 g 11 g Lubrication interval : 18 g 11 g Lubricant type : Mobil Polyrex EM	Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor		: 40 HP (30 kW) : 2 : 60 Hz : 200/400 V : 108/53.8 A : 700/350 A : 6.5x(Code G) : 34.3/17.1 A : 3545 rpm : 1.53 % : 59.3 ft.lb : 190 % : 260 % : F : 1.25			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method		: 14s (cold) 8s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : W-6 : Both (CW and CCW) : 73.0 dB(A) : Direct On Line	
Efficiency (%) 91.5 91.7 92.4 92.4 Max. traction Power Factor 0.51 0.76 0.84 0.87 Max. compression Bearing type : 6311 Z C3 6211 Z C3 6211 Z C3 Sealing : 11517 h 14226 h Lubrication interval : 118 g 11 g Lubricant amount : 18 g 11 g Lubricant type : Mobil Polyrex EM Notes Motion replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sin power supply, subject to the tolerances stipulated MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Checked		- (-/							
Power Factor 0.51 0.76 0.84 0.87 Max. compression Bearing type : 6311 Z.C3 6211 Z.C3 5211 Z.C3 5211 Z.C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval 11517 h 14226 h Lubrication interval : 11517 h 14226 h 11 g Lubricant amount : 18 g 11 g Notes Mobil Polyrex EM Notes	Dutput	25%	50%	75%	100%	Foundatior	n loads		
Bearing type : 6311 Z C3 6211 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 11517 h 14226 h Lubricant amount : 18 g 11 g Lubricant type : Mobil Polyrex EM Notes Mobil Polyrex EM This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sin power supply, subject to the tolerances stipulated MG-1. (1) Looking the motor from the shaft end. 2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Rev. Changes Summary Performed Checked									
must be eliminated. power supply, subject to the tolerances stipulated 1) Looking the motor from the shaft end. power supply, subject to the tolerances stipulated 2) Measured at 1m and with tolerance of +3dB(A). MG-1. 3) Approximate weight subject to changes after MG-1. manufacturing process. Performed 4) At 100% of full load. Performed Rev. Changes Summary Performed Checked		ıt	:		n 81				
			:			bil Polyrex E			
Performed by	Notes Notes This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate vi nanufacturing pro-	ed. otor from Im and wit weight sub ocess.	the shaft e th tolerance	previous o nd. e of +3dB(,	ne, which	These are power sup	EM		
	This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of full	ed. otor from Im and wit weight sub ocess.	the shaft e th tolerance ject to cha	previous o nd. e of +3dB(, nges after	ne, which A).	These are power sup	e average values	e tolerances stipu	
Checked by Page F	This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of full	ed. otor from Im and wit weight sub ocess.	the shaft e th tolerance ject to cha	previous o nd. e of +3dB(, nges after	ne, which A).	These are power sup	e average values	e tolerances stipu	lated in NEMA

шед

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

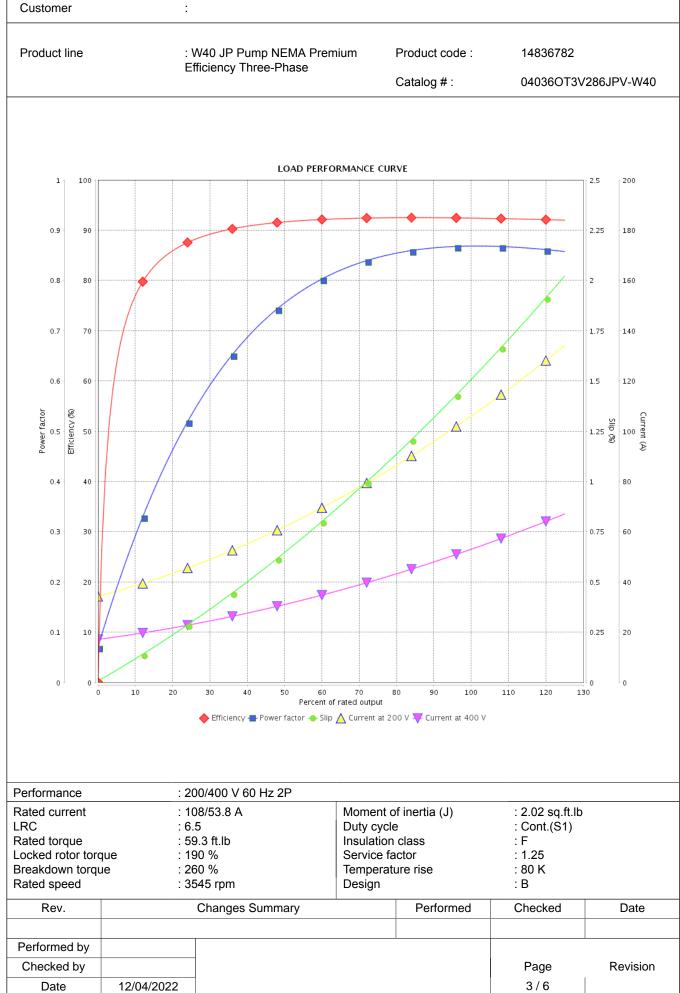


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

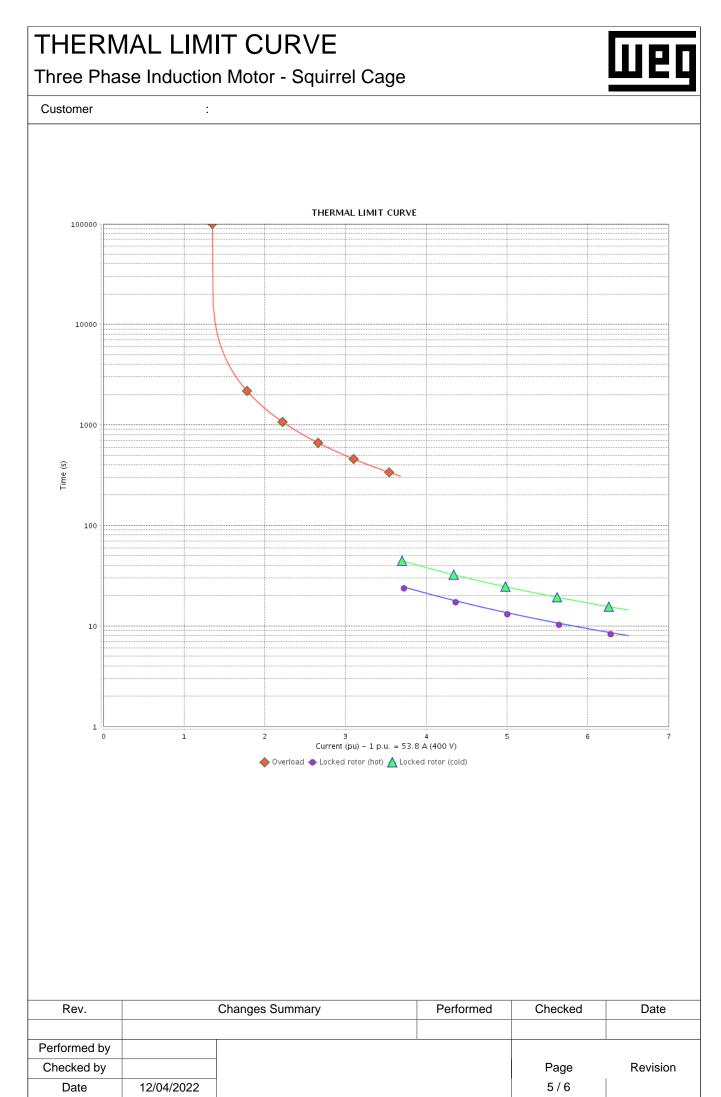
:



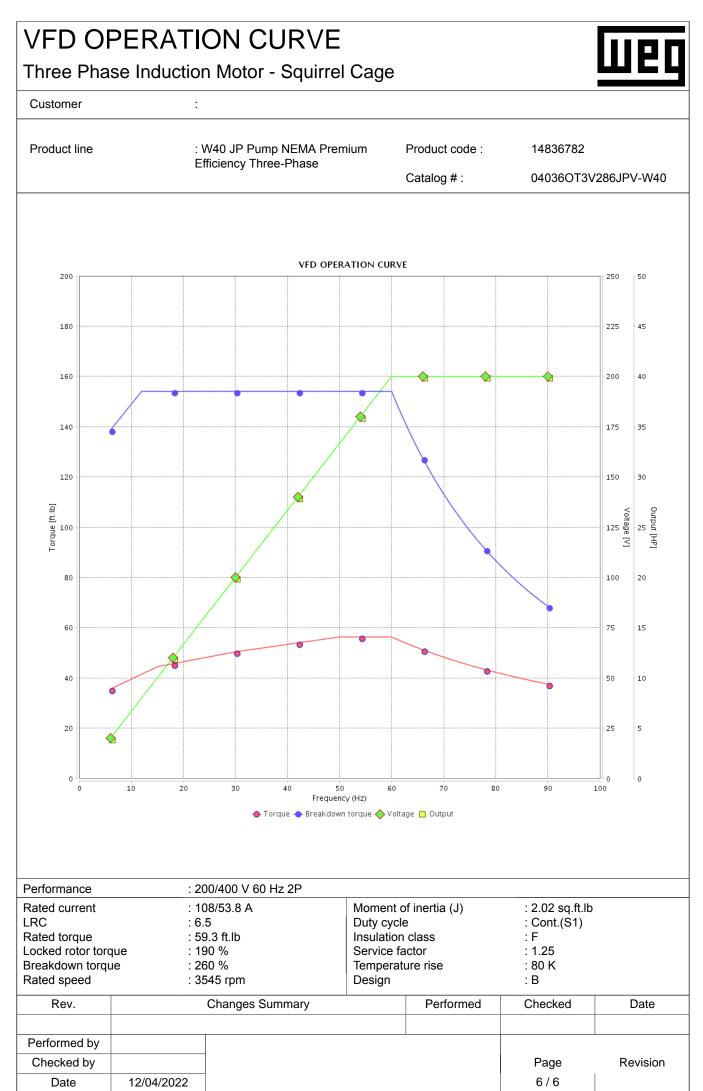
Customer

Product line		: W40 JP Pump NEMA Premium		Product code :	14836782	
		fficiency Three-Phase		Catalog # :	04036OT3V2	04036OT3V286JPV-W40
				0		
Performance : 200/400 V 60 Hz 2P		00/400 V 60 Hz 2P				
Rated current		08/53.8 A	Moment o	f inertia (J)	: 2.02 sq.ft.lb	
		.5 9.3 ft.lb	Duty cycle Insulation class		: Cont.(S1) : F	
Locked rotor torque		90 %	Service fa	ictor	: 1.25	
		: 260 % Temper		ure rise	: 80 K	
Rated speed	: 3	545 rpm	Design		: B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by		-			5	Devision
Checked by	40/04/0000	-			Page 4 / 6	Revision
Date	12/04/2022	1			4/b	

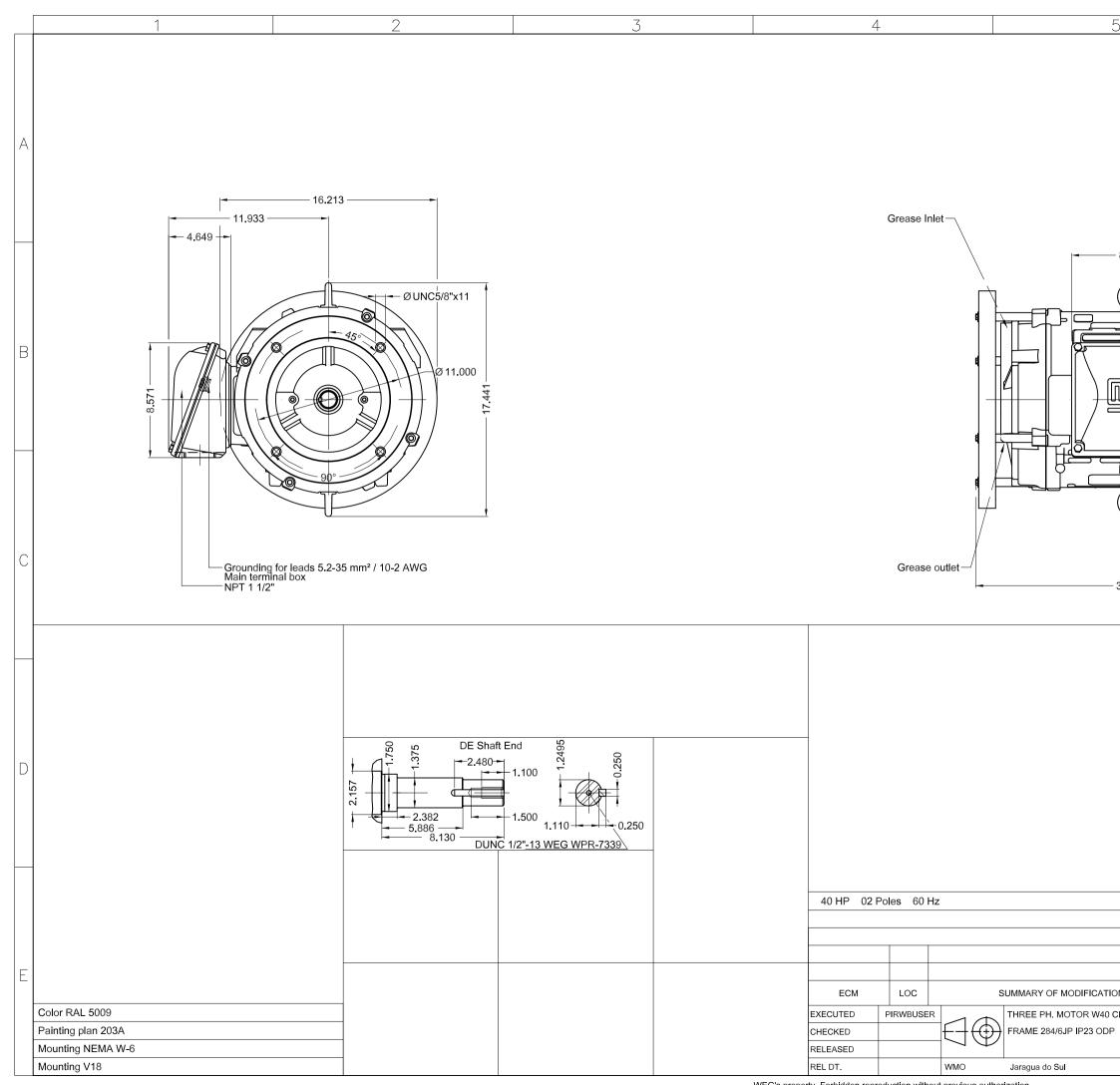
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



WEG's property. Forbidden reproduction without previous authorization.

5			6			
				- 8.130		
						Dimensions in inches
					A	
				1:7		
					+	
					+-	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
	UMP JP TYPE F	°REPREVI	EW	-		
P				ШВ		A3
		WDD				
Product	Engineering	SHEET	1 / 1			XME

