## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

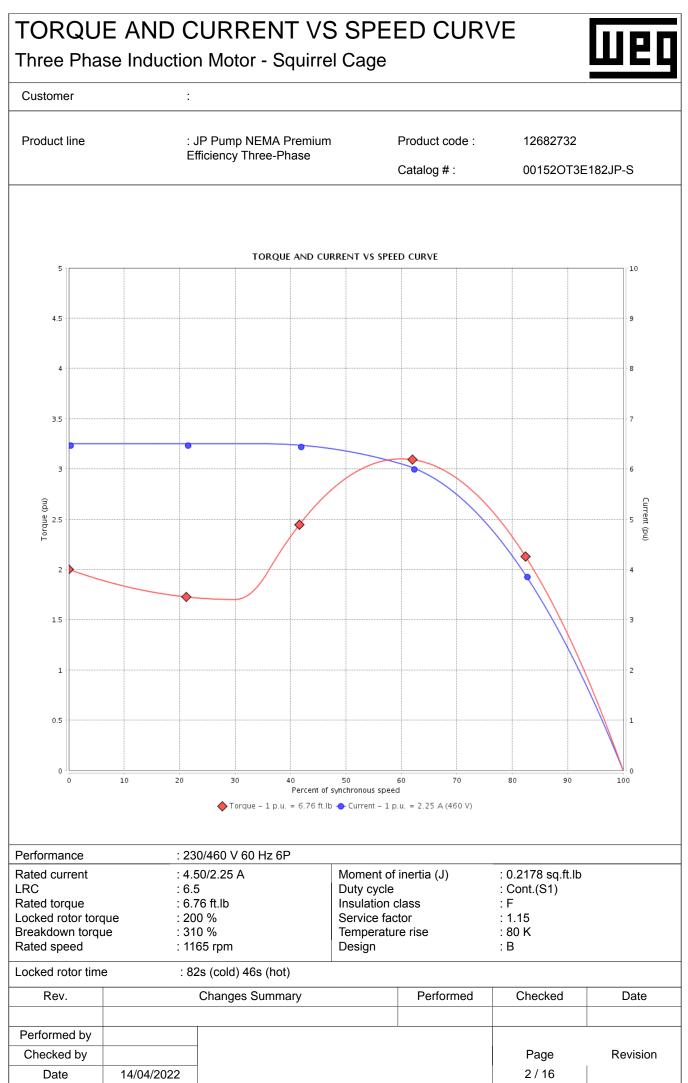
:



#### Customer

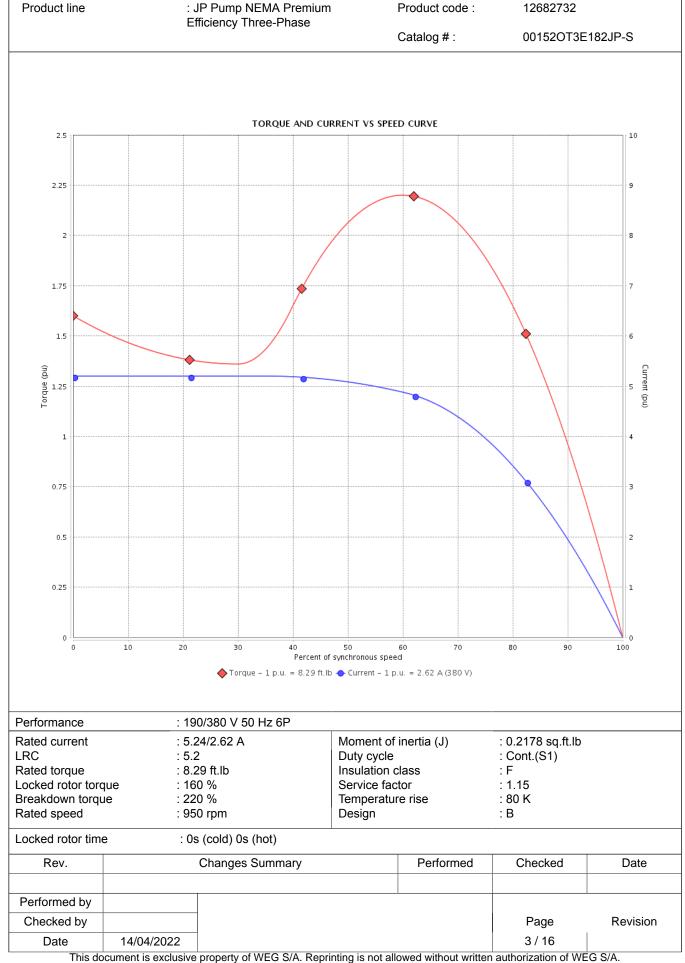
Product line		: JP Pump NEMA Premium Efficiency Three-Phase	F	Product code :	12682732			
			C	Catalog # :	00152OT3E	00152OT3E182JP-S		
Frame		: 182/4JP	Cooling r	method	: IC01 - OD	P		
Insulation class		: F	Mounting		: F-1	•		
Duty cycle		: Cont.(S1)	Rotation		: Both (CW	and CCW)		
Ambient tempera	ature	: -20°C to +40°C	Starting I			: Direct On Line		
Altitude		: 1000 m.a.s.l.	Approx.			: 56.0 lb		
Design		: B		of inertia (J)		: 0.2178 sq.ft.lb		
•		1 5						
Dutput [HP]		1.5 6		1.5 6		1.5		
		60		50		6 50		
Frequency [Hz]		230/460		190/380				
Rated voltage [V]				5.24/2.62		220/415 4.79/2.54		
Rated current [A]		4.50/2.25						
. R. Amperes [A]		29.3/14.6		27.2/13.6		27.3/14.5		
_RC [A]	,	6.5x(Code J)		5.2x(Code G)		5.7x(Code H)		
No load current [A		2.74/1.37		2.69/1.35		2.80/1.49		
Rated speed [RPN	۸J	1165		950		955		
Slip [%]	-	2.92		5.00		4.50		
Rated torque [ft.lb		6.76		8.29		8.25		
Locked rotor torqu		200		160		190		
Breakdown torque	e [%]	310		220		260		
Service factor		1.15		1.15		1.15		
Temperature rise		80 K		80 K		80 K		
Locked rotor time		82s (cold) 46s (hot)		(cold) 0s (hot)		Os (cold) Os (hot)		
Noise level <sup>2</sup>		52.0 dB(A)		50.0 dB(A)		50.0 dB(A)		
	25%	82.8		84.0		82.3		
Efficiency (%)	50%	84.0		83.3	82.3			
	75%	85.5		84.1		84.0		
	100%	86.5		82.8		83.5		
	25%	0.29		0.35		0.31		
Power Factor	50%	0.51		0.59		0.54		
Fower Factor	75%	0.63		0.71		0.67		
100%		0.71		0.77		0.75		
	•	Drive end Non drive en	d Foundatio	on loads	1			
Bearing type		: 6207 ZZ 6205 ZZ		Max. traction		: 109 lb		
Sealing		: Without Without	Max. com		: 165 lb			
3.00		Bearing Seal Bearing Se		.p. 000.011				
Lubrication interv	val	:						
Lubricant amour		:						
Lubricant type		: Mobil Polyrex EM						
,								
Notes USABLE @208V	4.98A SF 1.	00 SFA 4.98A						
must be eliminate (1) Looking the m (2) Measured at 1	ed. lotor from the Im and with t	ncel the previous one, which e shaft end. olerance of +3dB(A). et to changes after		•	based on tests w ne tolerances stipu			
	ocess.							
manufacturing pro (4) At 100% of ful		01		Performed	Checked	Date		
manufacturing pro		Changes Summary						
manufacturing pro (4) At 100% of ful Rev.								
manufacturing provide the second seco					Page	Povision		
manufacturing pr (4) At 100% of ful Rev.	14/04/202				Page 1 / 16	Revision		

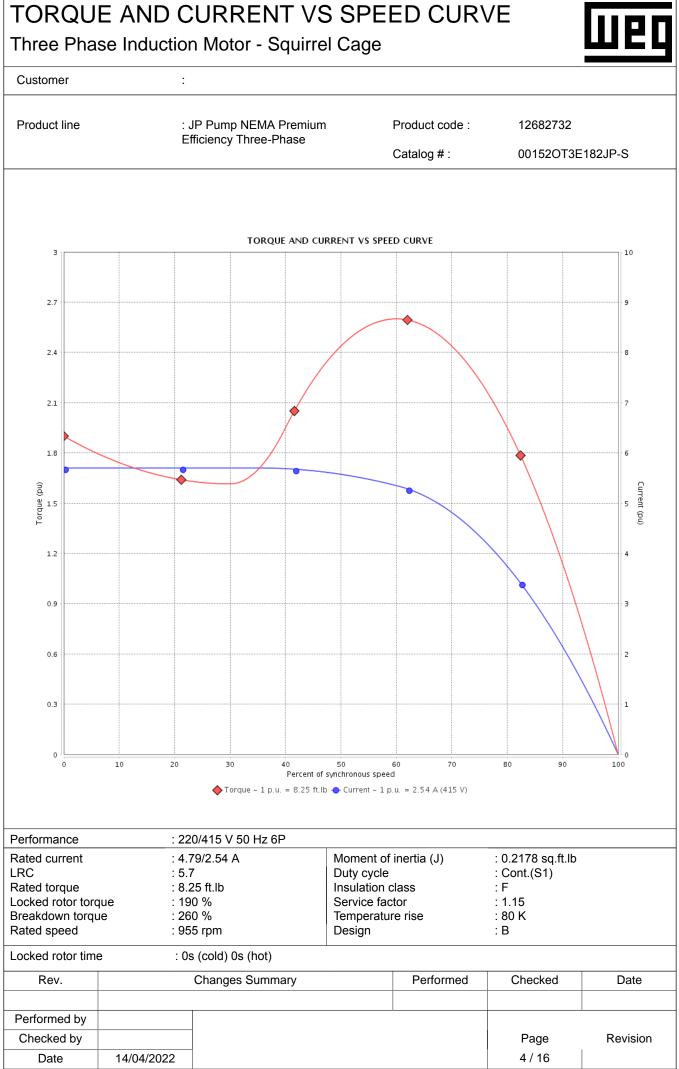
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



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

# TORQUE AND CURRENT VS SPEED CURVE Three Phase Induction Motor - Squirrel Cage Customer :



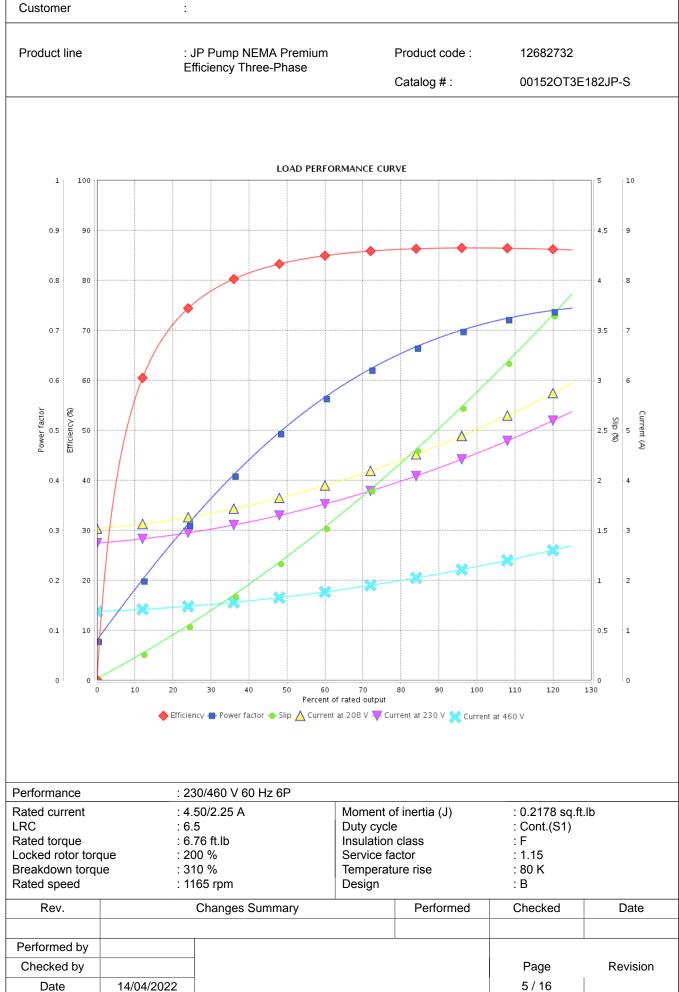


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

## 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.

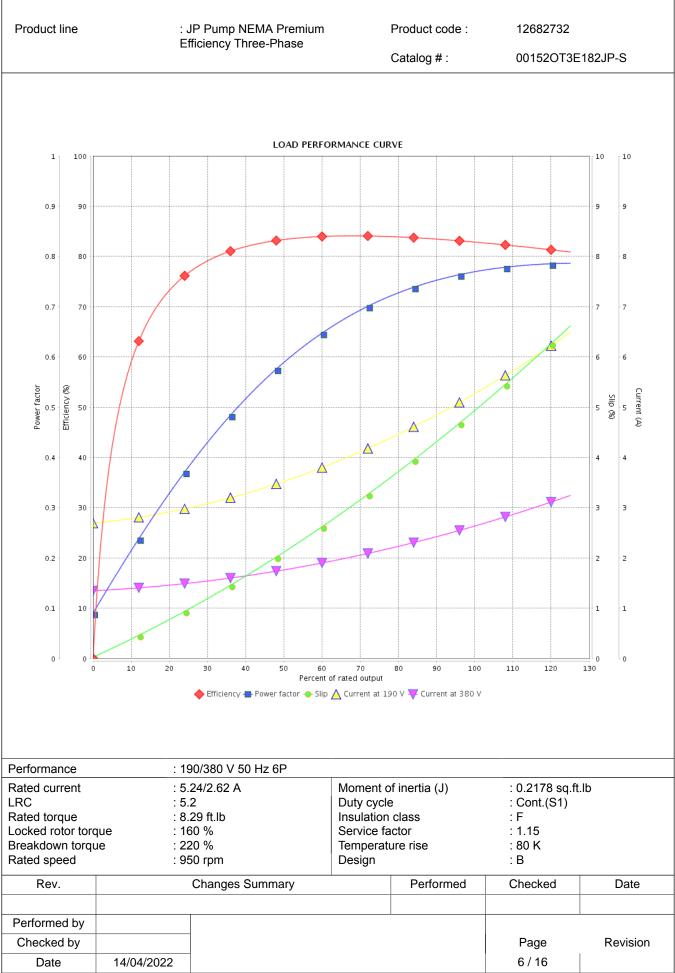
#### LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:



Customer

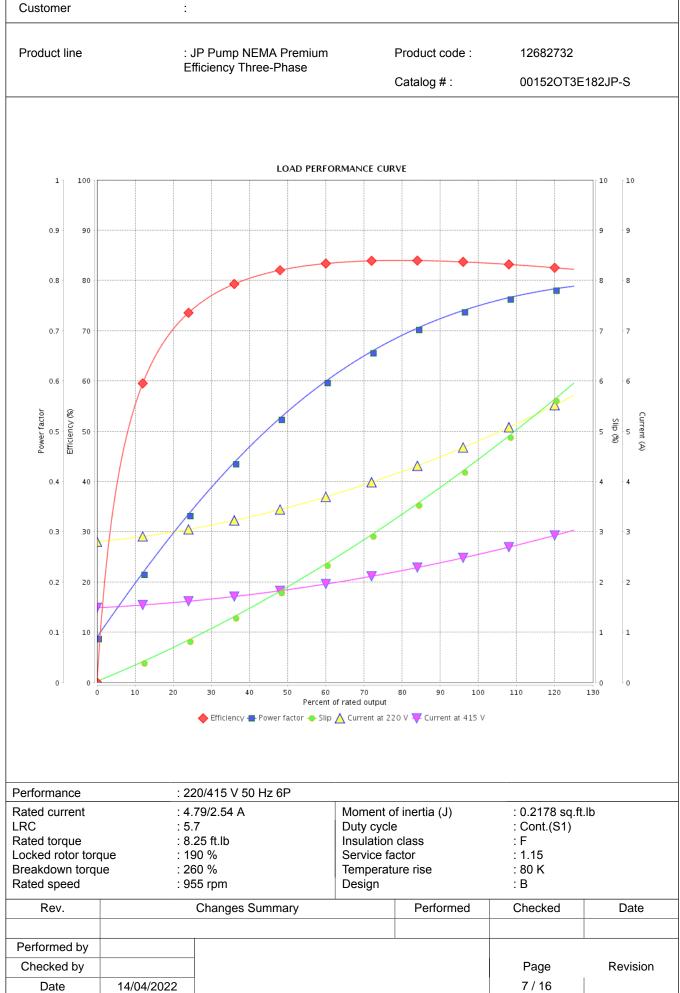


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

## 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

:

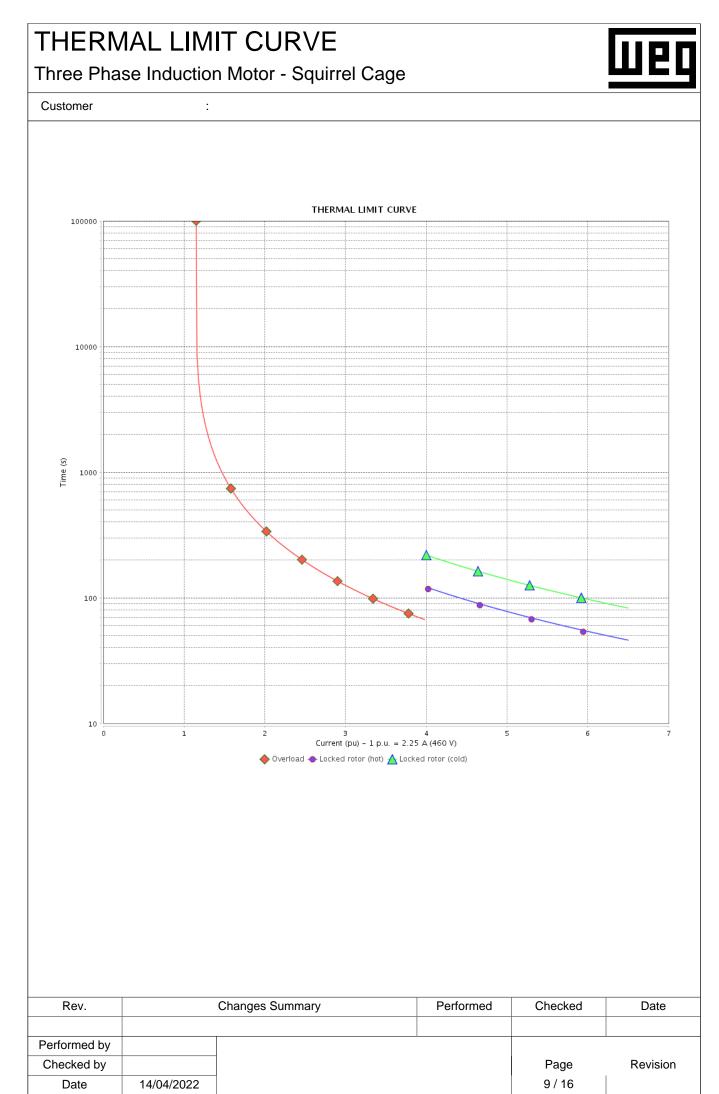


Customer

Product line         1.01 * 0.01 / 0.01	Product line	: JP Pump NEMA Premium Efficiency Three-Phase		Product code :		12682732	
Performance       : 230/460 V 60 Hz 6P         Rated current       : 4.50/2.25 A         Duty cycle       : Cont.(51)         Rated current       : 6.5 B         Duty cycle       : Cont.(51)         Insulation class       : F         Locked robr forgue       : 200 %         Streak object       : 1.15         Temperature rise       : 80 K         Redex growth       : 185 rpm         Healing constant       : B         Performed by       : Changes Summary         Performed by       : Page         Revision       : Page	FIGULELINE						
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb 					Catalog # :	00152013E	182JP-S
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
Rated current LRC: 4.50/2.25 A : 6.5Moment of inertia (J) Duty cycle: 0.2178 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 6.76 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 200 % : 310 %Service factor: 1.15Breakdown torque Rated speed: 1165 rpmDesign: BHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by Checked byPageRevision							
LRC: 6.5Duty cycle: Cont.(S1)Rated torque: 6.76 ft.lbInsulation class: FLocked rotor torque: 200 %Service factor: 1.15Breakdown torque: 310 %Temperature rise: 80 KRated speed: 1165 rpmDesign: BHeating constantCooling constantRev.Changes SummaryPerformedCheckedDatePerformed byChecked by				Momonto	finantia (I)	· 0 2179 og ft	lb
Rated torque       : 6.76 ft.lb       Insulation class       : F         Locked rotor torque       : 200 %       Service factor       : 1.15         Breakdown torque       : 310 %       Temperature rise       : 80 K         Rated speed       : 1165 rpm       Design       : B         Heating constant       Changes Summary       Performed       Checked       Date         Performed by			Duty cycle		: Cont.(S1)		
Breakdown torque Rated speed       : 310 %       Temperature rise Design       : 80 K         Heating constant       Design       : B         Cooling constant           Rev.       Changes Summary       Performed       Checked       Date         Performed by         Page       Revision	Rated torque : 6.76 ft.lb		Insulation class		: F		
Rated speed     : 1165 rpm       Heating constant Cooling constant     Performed       Rev.     Changes Summary     Performed     Checked     Date       Performed by     Image     Page     Revision							
Heating constant     Performed     Checked     Date       Rev.     Changes Summary     Performed     Checked     Date       Performed by     Image: Checked by     Page     Revision							
Cooling constant       Performed       Checked       Date         Rev.       Changes Summary       Performed       Checked       Date         Performed by       Image: Checked by       Page       Revision			-	-			
Rev.     Changes Summary     Performed     Checked     Date       Performed by     Image: Checked by     Image: Checked by     Page     Revision							
Performed by     Performed by     Page	-		Changes Summarv		Performed	Checked	Date
Checked by Page Revision	-		<u> </u>				
Checked by Page Revision	Performed by						
			-			Page	Revision
		14/04/2022	-				

 e
 14/04/2022
 8 / 16

 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

## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

:

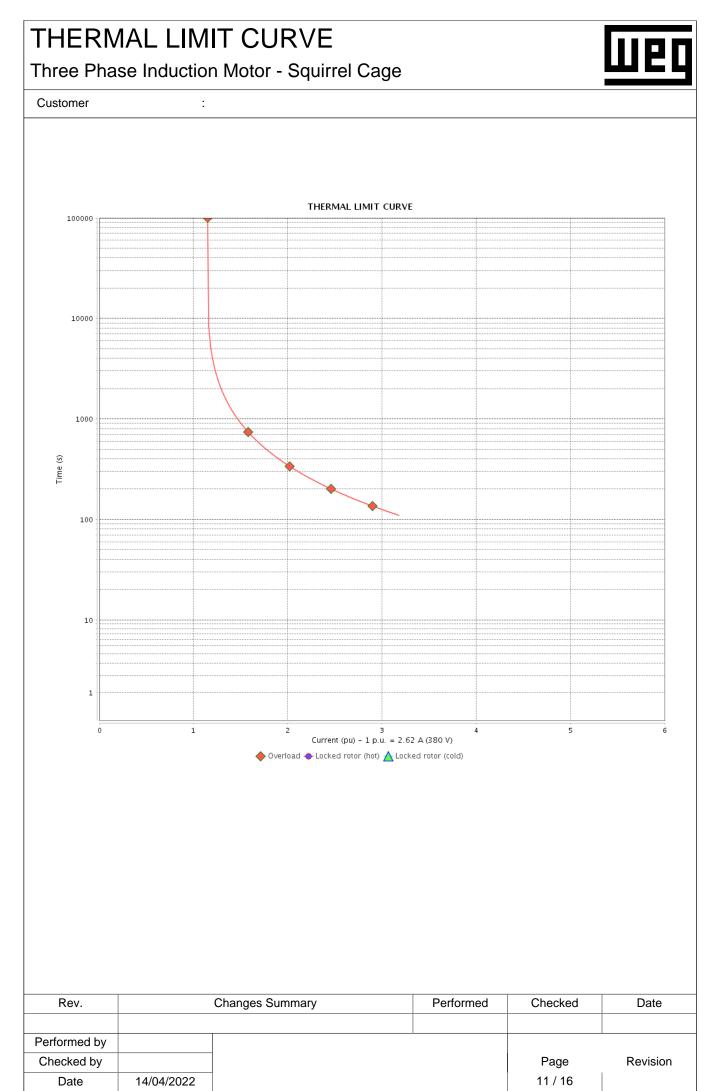


Customer

Dreductline	: JP Pump NEMA Premium Efficiency Three-Phase		Product code :		10600700		
Product line					12682732		
				Catalog # :	00152OT3E	182JP-S	
Performance	: 19	90/380 V 50 Hz 6P					
Rated current : 5.24/2.62 A		Moment of inertia (J)		: 0.2178 sq.ft.lb			
LRC : 5.2 Rated torque : 8.29 ft.lb		Duty cycle Insulation class		: Cont.(S1) : F			
_ocked rotor torque : 160 %		Service factor		: 1.15			
Breakdown torque : 220 %		Temperature rise		: 80 K			
Rated speed		50 rpm	Design		: B		
Heating constan							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by					-		
Checked by					Page	Revision	
Date	14/04/2022				10 / 16		

 e
 14/04/2022
 10 / 16

 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.
 10 / 16



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

## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

:

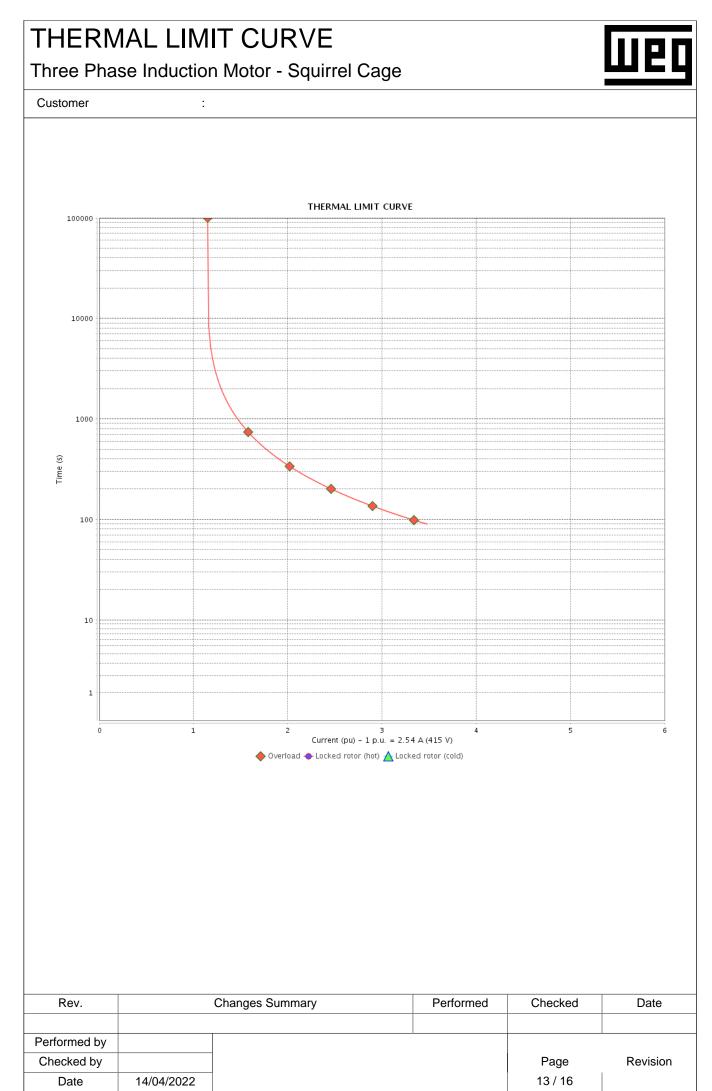


Customer

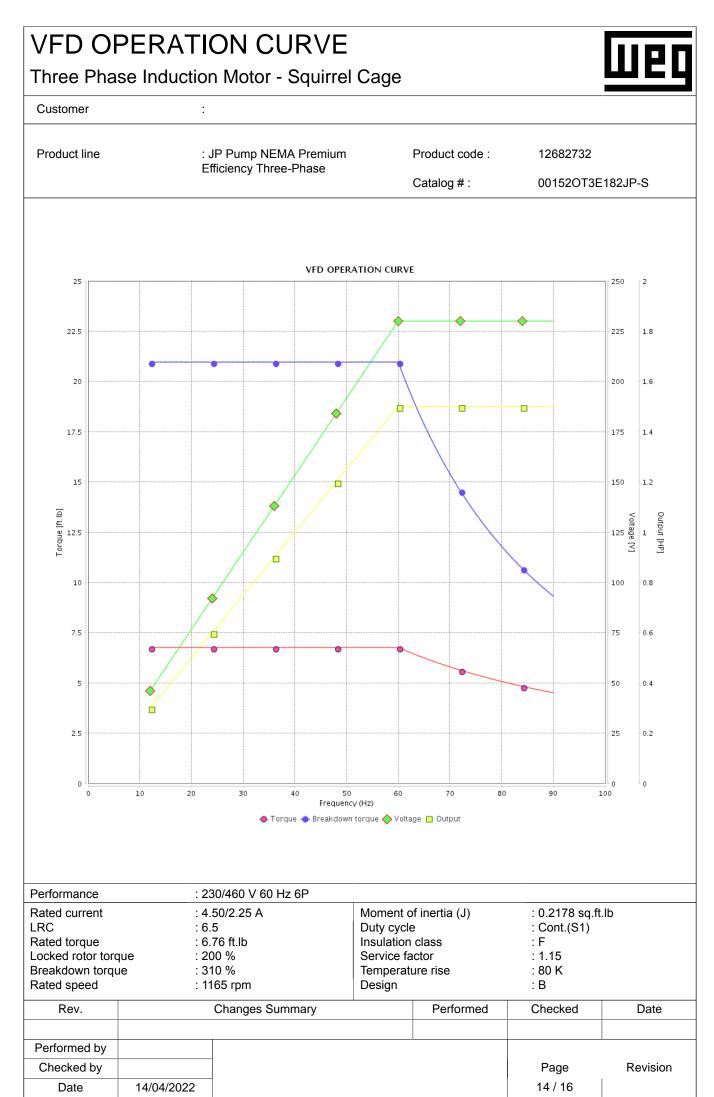
Product line	: JP Pump NEMA Premium Efficiency Three-Phase		Product code :		12682732 00152OT3E182JP-S	
i roduct inte						
				Catalog # :	00152013E	102JF-3
Performance	· 22	20/415 V 50 Hz 6P				
Rated current		79/2.54 A	Moment o	f inertia (J)	: 0.2178 sq.ft.	lb
LRC : 5.7		Duty cycle		: Cont.(S1)		
Rated torque : 8.25 ft.lb Locked rotor torque : 190 %		Insulation class Service factor		: F : 1.15		
Locked rotor torque : 190 % Breakdown torque : 260 %		Temperature rise		: 80 K		
Rated speed : 955 rpm		Design		: B		
Heating constan	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by					1	
Checked by					Page	Revision
Date	14/04/2022				12/16	

 e
 14/04/2022
 12 / 16

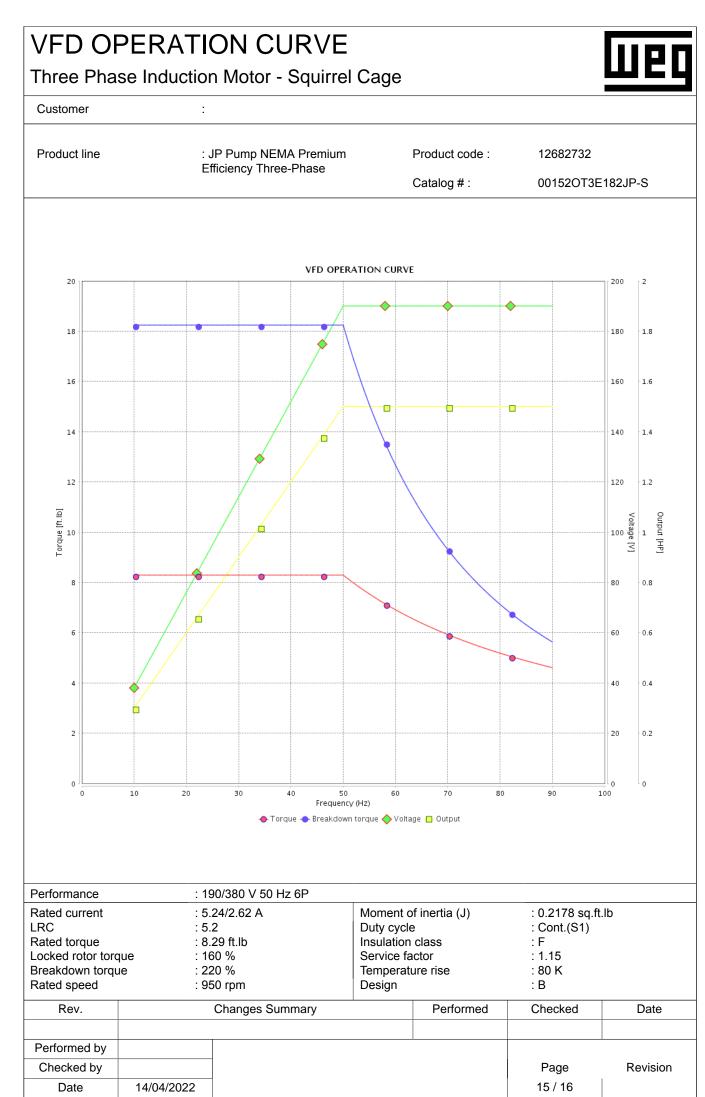
 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.
 12 / 16



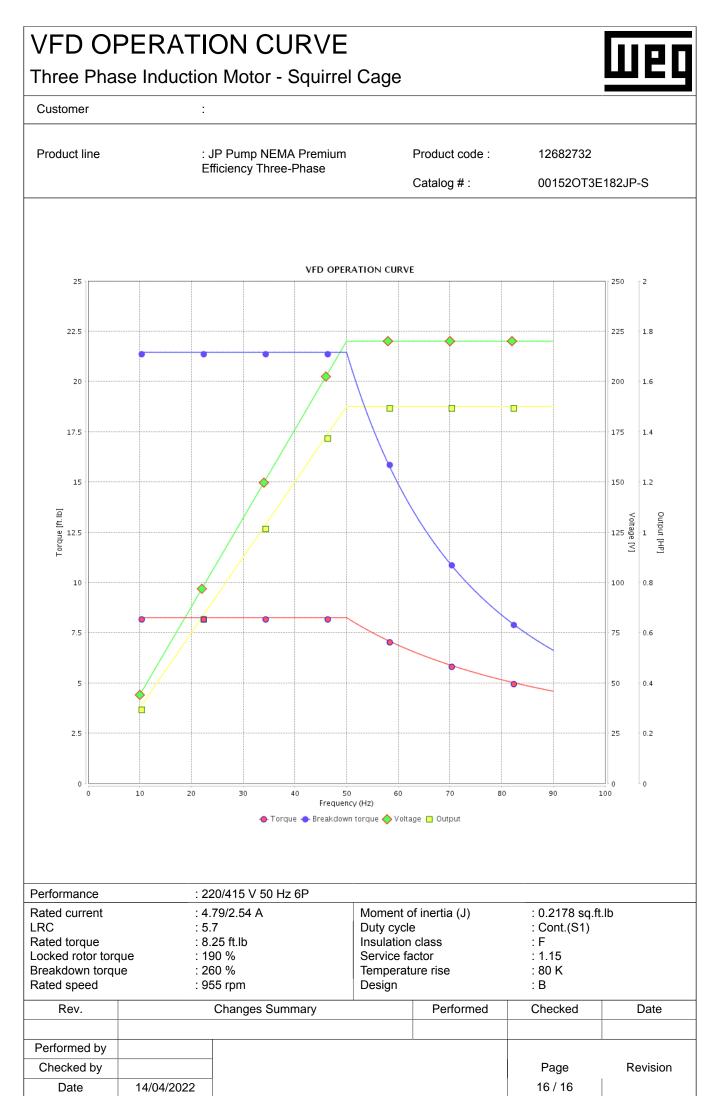
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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



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.

