DATA SHEET

Three Phase Induction Motor - Squirrel Cage

: IDS



Customer

Product line		: W22 IE3 Three-Phase		Product code :		12963756	
Frame		: 160M		Locked rotor time Temperature rise		: 19s (cold) 11s (hot)	
Output		: 11 kW				: 80 K	
Poles		: 4		Duty cyc		: S1	
Frequency		: 50 Hz			temperature	: -20°C to -	
Rated voltage		: 400/690		Altitude		: 1000 m.a	.s.l.
Rated current		: 20.9/12.1			n degree	: IP55	
L. R. Amperes		: 157/90.9	A	Cooling r	method	: IC411 - T	EFC
LRC		: 7.5		Mounting	9	: B35T	
No load current		: 10.0/5.80) A	Rotation	1	: Both (CW	/ and CCW)
Rated speed		: 1470 rpn	n	Noise lev	/el²	: 61.0 dB(A	
Slip		: 2.00 %		Starting I	method	: Direct On	Line
Rated torque		: 7.29 kgfr	n	Approx.	weight ³	: 133 kg	
Locked rotor torque		: 280 %			0		
Breakdown torqu		: 320 %					
Insulation class		: F					
Service factor		: 1.00					
Moment of inertia	(J)	: 0.1191 k	am²				
Design	. (0)	: N	5				
-							
Dutput	50%	75%	100%	Foundatior			
Efficiency (%)	91.1	91.8	91.6	Max. traction		: 285 kgf	
Power Factor	0.65	0.77	0.83	Max. comp	pression	: 418 kgf	
			Drive end	1	Non drive end	1	
Bearing type		:	6309 C3		6209 Z C3		
Sealing		:	Oil Seal		Oil Seal		
Lubrication interval :		:	20000 h		20000 h		
		9 g					
	ł	•	13 a				
Lubricant amount	t	:	13 g Mc	bil Polyrex E			
Lubricant amount Lubricant type	t 	:		bbil Polyrex E			
Lubricant amount	aces and ca	incel the previ	Mc	These are	M average values	based on tests w	
Lubricant amount Lubricant type Notes This revision repla	aces and ca d. otor from th m and with /eight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which +3dB(A).	These are	A average values pply, subject to th	ne tolerances stipu	
Lubricant amount Lubricant type Notes This revision repla must be eliminate (1) Looking the mi (2) Measured at 1 (3) Approximate with manufacturing pro-	aces and ca d. otor from th m and with /eight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which	These are power sup	M average values		
Lubricant amoun Lubricant type Notes This revision repla nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate w nanufacturing pro 4) At 100% of full Rev.	aces and ca d. otor from th m and with /eight subje ocess.	e shaft end. tolerance of + ect to changes	ious one, which +3dB(A).	These are power sup	A average values pply, subject to th	ne tolerances stipu	ulated in IEC
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 Date
 10/07/2019
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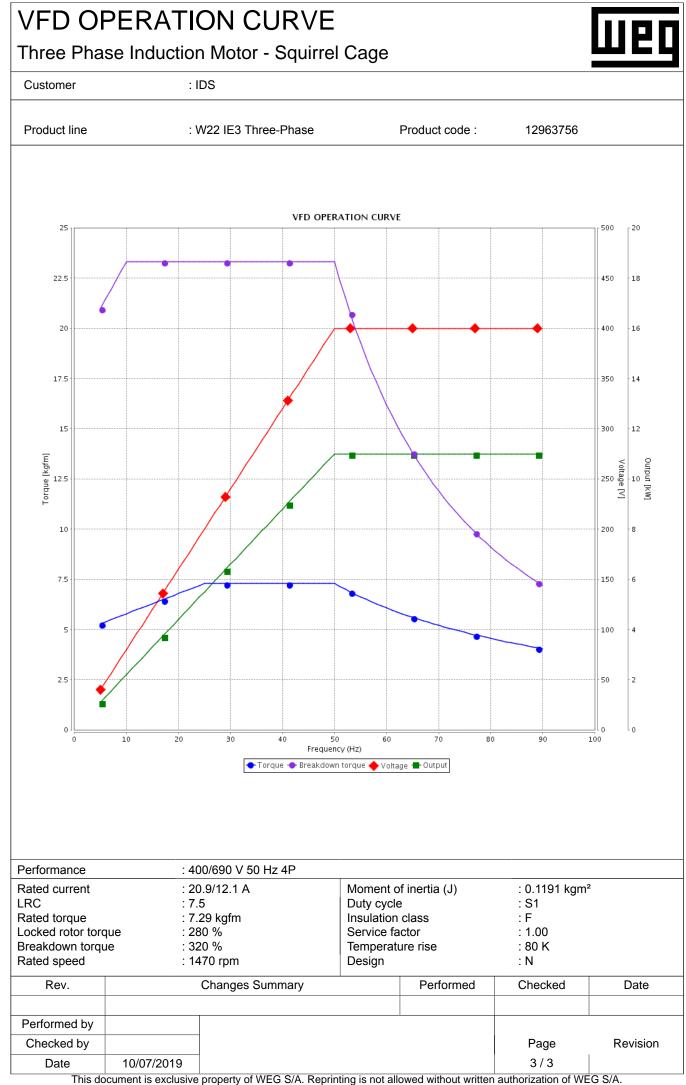


Customer

: IDS

ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C
	-		<u>I</u>	<u>I</u>	
Rev.	Changes	s Summary	Performed	Checked	Date
Performed by		Į		1	
Checked by				Page	Revision
	1				

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