DATA SHEET

Three Phase Induction Motor - Squirrel Cage

: IDS



Customer

	Product line : W22 IE3 Three-Pha		Three-Phase	Product code :		12959504	
Frame		: 180L		Locked rotor time		: 19s (cold) 11s (hot)	
Output		: 22 kW		Temperat	ure rise	: 80 K	
Poles		: 4		Duty cycle	е	: S1	
Frequency		: 50 Hz			temperature	: -20°C to +	⊦40°C
Rated voltage		: 400/690	V	Altitude		: 1000 m.a	
Rated current		: 41.0/23.8		Protection	n dearee	: IP55	
L. R. Amperes		: 299/174		Cooling n		: IC411 - TI	FEC
			A				EFC
LRC		: 7.3	~ ^	Mounting		: B35T	
No load current		: 19.0/11.0		Rotation ¹			and CCW)
Rated speed		: 1470 rpn	n	Noise lev		: 61.0 dB(A	
Slip		: 2.00 %		Starting n		: Direct On	Line
Rated torque		: 14.6 kgfr	m	Approx. w	veight³	: 202 kg	
Locked rotor torque		: 340 %					
Breakdown torque		: 340 %					
Insulation class		: F					
Service factor		: 1.00					
	(1)		aua?				
Moment of inertia	(J)	: 0.2097 k	.gm-				
Design		: N					
Output	50%	75%	100%	Foundation	loads		
Efficiency (%)	92.3	93.0	93.2	Max. tractio	on	: 556 kgf	
Power Factor	0.66	0.77	0.83	Max. compi		: 758 kgf	
	0.00	J				•	
			Drive end		Non drive end		
Bearing type		:	6311 C3		6211 Z C3		
Sealing		:	Oil Seal		Oil Seal		
Lubrication interva	al	:	20000 h		20000 h		
		:	18 a		11 a		
Lubricant amount		:	18 g Mo	bil Polyrex El	11 g M		
Lubricant amount Lubricant type Notes		:		obil Polyrex El			
Lubricant amount Lubricant type Notes		: :	Mc		Μ	based on tests w	ith sinusoidal
Lubricant amount Lubricant type	ces and car d. otor from the m and with t reight subject cess.	e shaft end. tolerance of -	ious one, which	These are	M average values	based on tests w	
Lubricant amount Lubricant type Notes This revision repla must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro	ces and car d. otor from the m and with t reight subject cess.	e shaft end. tolerance of ct to changes	ious one, which	These are power sup	M average values		
Lubricant amount Lubricant type Notes This revision repla must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro (4) At 100% of full	ces and car d. otor from the m and with t reight subject cess.	e shaft end. tolerance of ct to changes	ious one, which +3dB(A).	These are power sup	M average values ply, subject to th	ne tolerances stipu	lated in IEC
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 Date
 10/07/2019
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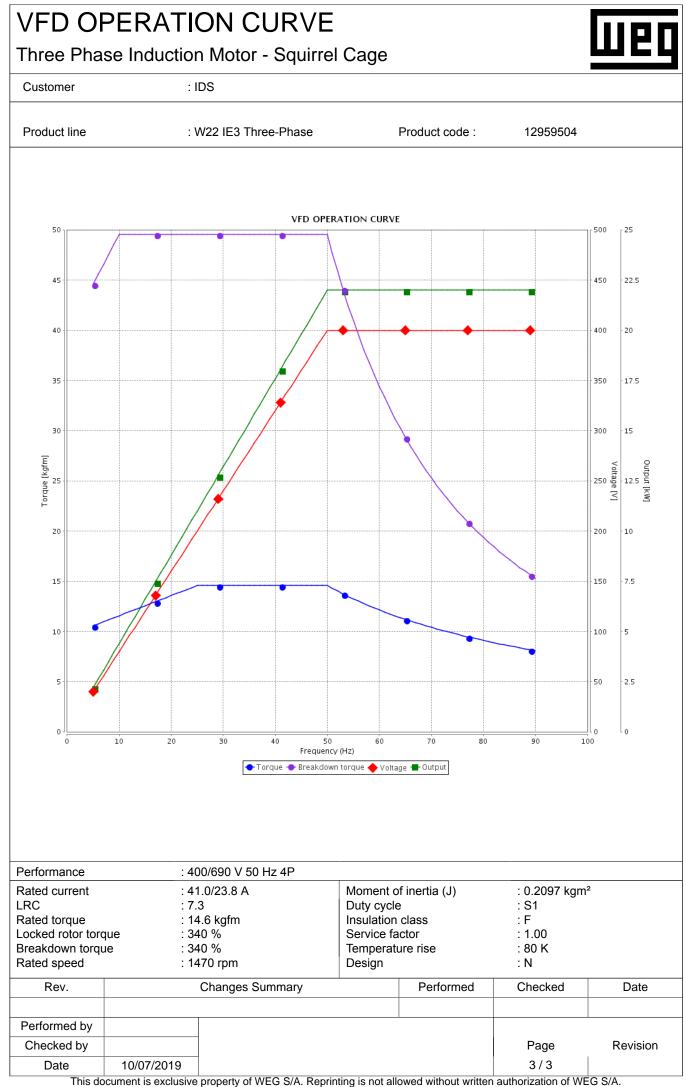


Customer

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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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