DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line	e : W22 IE3 Three-Phase				Product code :		11769752	
Frame		: 160M			Locked rotor time		· 34s (cold) 10s (bot)	
Output							: 34s (cold) 19s (hot) : 80 K	
Poles		: 15 kW (20 HP)			Temperature rise Duty cycle		: S1	
Frequency		: 4 : 60 Hz			Ambient temperature			+40°C
		: 575 V			Altitude		: -20°C to +40°C : 1000 m.a.s.l.	
Rated voltage						-		1.5.1.
Rated current		: 19.7 A				tion degree	: IP55	
L. R. Amperes		: 178 A			g method	: IC411 - T	EFC	
LRC		: 9.0			Mount		: B3R(E)	
No load current		: 8.42 A		Rotatio			V and CCW)	
Rated speed		: 1775 rpm		Noise		: 64.0 dB(/		
Slip		: 1.39 %			ig method	: Direct Or	n Line	
Rated torque		: 8.23 kgfm		Approx	x. weight³	: 137 kg		
Locked rotor tor		: 300 %						
Breakdown torq	ue	: 300 %						
Insulation class		: F						
Service factor		: 1.25						
Moment of inerti	ia (J)	: 0.1471 k	kgm²					
Design		: N						
Dutput	50%	75%	100%	þ	Foundat	ion loads		
Efficiency (%)	91.6	92.9	93.0		Max. tra	ction	: 320 kgf	
Power Factor	0.64	0.75	0.82		Max. cor	mpression	: 457 kgf	
osses at norma	tive operating	nointe (sne		in nerce	ntage of r	ated output power		
P1 (0,9;1,0)	P2 (0,5;1,0		0,25;1,0)		,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25
7.1	5.6		5.1	4	.0	2.5	1.8	1.2
			Drive end	4		Non drive end	d	
							-	
Bearing type		:				6209 C3		
		:	6309 C	3		6209 C3 V'Ring		
Sealing	val	:	6309 C V'Ring	3 I		V'Ring		
Sealing Lubrication inter		:	6309 C V'Ring 20000	3 I		V'Ring 20000 h		
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type		: : : :	6309 C V'Ring	3 I h	oil Polyre>	V'Ring 20000 h 9 g		
Sealing Lubrication inter Lubricant amour		:	6309 C V'Ring 20000	3 I h	oil Polyre>	V'Ring 20000 h 9 g		
Sealing Lubrication inter Lubricant amour Lubricant type Notes: This revision rep nust be eliminate (1) Looking the n (2) Measured at (3) Approximate	laces and car ed. notor from the 1m and with t weight subject	shaft end. olerance of	6309 C V'Ring 20000 I 13 g /ious one, v +3dB(A).	3 I Mol	These a	V'Ring 20000 h 9 g K EM		
Sealing Lubrication inter Lubricant amour Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and car ed. notor from the 1m and with t weight subjec rocess.	shaft end. olerance of t to change	6309 C V'Ring 20000 I 13 g //ious one, v +3dB(A). s after	3 h Mol	These a power s	V'Ring 20000 h 9 g K EM are average values supply, subject to th 1.	ne tolerances stip	ulated in IEC
Sealing Lubrication inter Lubricant amour Lubricant type Notes: This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	laces and car ed. notor from the 1m and with t weight subjec rocess.	shaft end. olerance of t to change	6309 C V'Ring 20000 I 13 g /ious one, v +3dB(A).	3 h Mol	These a power s	V'Ring 20000 h 9 g K EM		
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ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C
<u> </u>				l	
Rev.	Chang	ges Summary	Performed	Checked	Date
					1
erformed by				_	
Checked by				Page	Revision



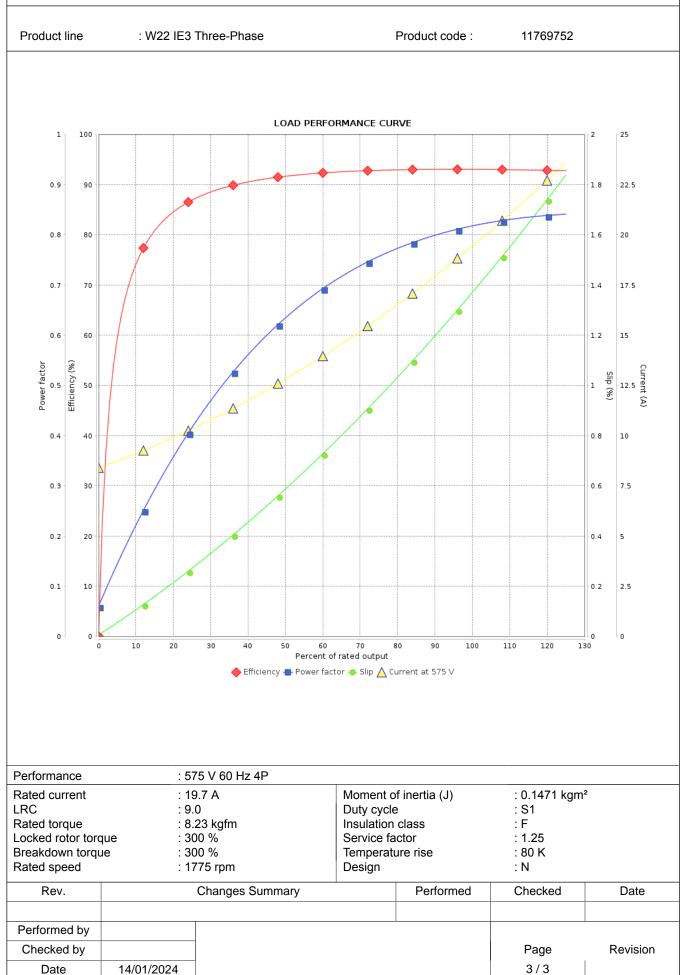
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