DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		: Explosion Three-Pha	n Proof Standard E [.] ase	10730934	10730954				
Frame Output		: D56EX : 1 HP (0.75 kW)		Locked rotor time Temperature rise			: 27s (cold) 15s (hot) : 80 K		
Poles		: 4					: Cont.(S1)		
Frequency		: : 60 Hz		Duty cycle Ambient temperature		: -20°C to +4	: -20°C to +40°C		
Rated voltage		: 575 V		Altitude	compendance	: 1000 m.a.s			
Rated current L. R. Amperes		: 1.20 A : 7.80 A		Protection degree Cooling method		: IP44			
					: IC411 - TEFC				
					Mounting	: F-1			
LRC		: 6.5x(Code J) : 0.720 A							
No load current		: 1740 rpm		Rotation ¹			: Both (CW and CCW)		
Rated speed Slip		•		Noise level ²			: 55.0 dB(A)		
		: 3.33 % : 0.417 kgfm		Starting method Approx. weight ³			: Direct On Line		
Rated torque		: 0.417 kgi		Approx. v	veigni	: 20.2 kg			
Locked rotor tor									
Breakdown torqu	ue	: 320 %							
Insulation class		: B							
Service factor	- (1)	: 1.15							
Moment of inerti	a (J)	: 0.0060 kg : A	gm-						
Design									
Output	50%	75%	100%	Foundatio					
Efficiency (%)	80.0	82.5	84.0	Max. tract		: 33 kgf			
Power Factor	0.53	0.66	0.74	Max. com	pression	: 53 kgf			
			Drive end		Non drive en	d			
Bearing type		:	6203 ZZ		6203 ZZ	<u>u</u>			
Sealing		: Wit	hout Bearing Seal		Without Bearing	ı Seal			
Lubrication inter	val	:	- -		-	,			
Lubricant amour		:	-		-				
Lubricant type		•							
		:	Mo	bil Polyrex I	EM				
Notes This revision repl		: ancel the prev		These are	e average values	s based on tests wi			
Notes	ed. notor from th 1m and with weight subje rocess.	e shaft end. tolerance of -	ious one, which +3dB(A).	These are	e average values	s based on tests wi he tolerances stipu			
Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from th 1m and with weight subje rocess.	ne shaft end. tolerance of - ect to changes	ious one, which +3dB(A).	These are power su	e average values				
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D	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	30 °C
1	Winding	Thermostat - 2 wires	1 x Phase		30 °C
Rev.	Changes	s Summary	Performed	Checked	Date
erformed by hecked by				Page	Revision



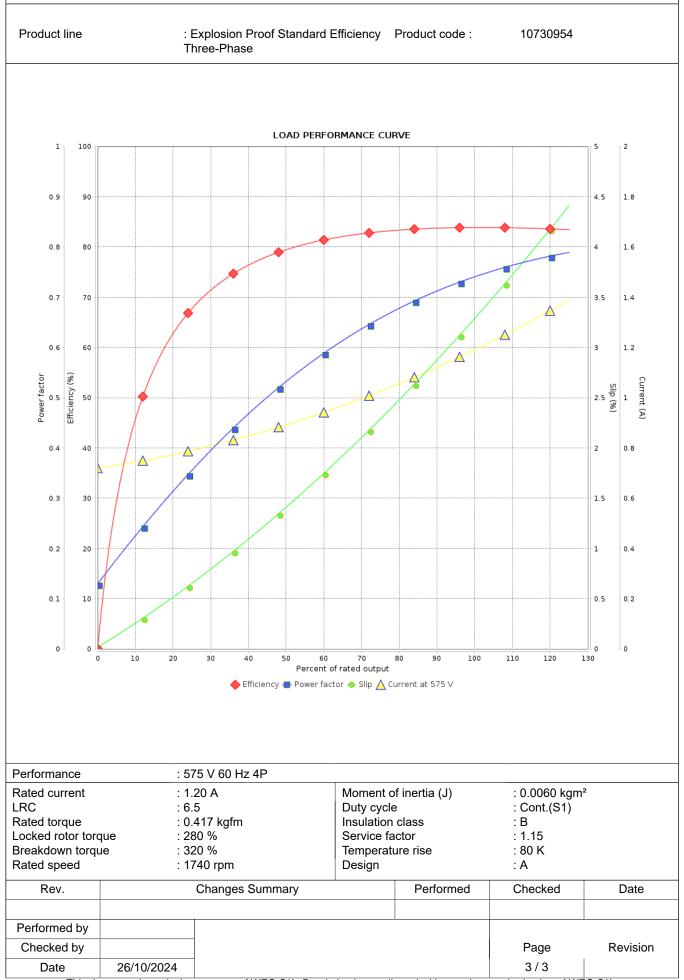
LOAD PERFORMANCE CURVE

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Customer



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