DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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	Product line		ric IE3 Three-P	Phase Product code : Catalog # :	13533737 33018ET3Y3	13533737 33018ET3Y355M/L-W22	
Frame		: 355M/L		Cooling method	· IC411 - TEF	: IC411 - TEFC	
Insulation class		: F		Mounting	: B3L(E)	0	
Duty cycle		: S1		Rotation ¹		: Both (CW and CCW)	
Ambient tempera	ature	: -20°C to +40°C		Starting method	: Direct On Li		
Altitude		: 1000 m.a.s.l.		Approx. weight ³ : 4600 lb			
Protection degre	0	: 1000 m.a.s.i. : IP55		Moment of inertia (J)			
Design	e	: N		Moment of mertia (J)			
Output [HP]		450	,	450	4	50	
Poles		4		4		4	
Frequency [Hz]		50		50	(60	
Rated voltage [V]		380		415	4	460	
Rated current [A]		595		557		505	
. R. Amperes [A]		4582		4289		4192	
-RC [A]		7.7		7.7		3.3	
No load current [A	1	170		195			
Rated speed [RPI	-	1491		1493		171	
	лJ					1793	
Slip [%]	<u>, </u>	0.60		0.47		0.39	
Rated torque [ft.lb		1560		1560		300	
_ocked rotor torqu		235		275	285		
Breakdown torque	; [%]	235		285		805	
Service factor		1.15		1.15		.15	
Temperature rise		80 K		80 K		0 K	
Locked rotor time		27s (cold) 1	5s (hot)	27s (cold) 15s (hot)	66s (cold	I) 37s (hot)	
Noise level ²		74.0 dB(A)		74.0 dB(A)		dB(A)	
	25%	96.3		95.9		5.2	
	50%	96.4		96.2		5.5	
Efficiency (%)	75%	96.8		96.8		6.3	
	100%	96.8		97.0		6.5	
	25%	0.53		0.46		.48	
	25% 50%	0.53		0.48		.40 .72	
Power Factor							
	75%	0.85		0.81		.82	
	100%	0.87		0.85	0	.85	
			Non drive end	Foundation loads			
Bearing type		: 6322 C3	6319 C3	Max. traction	: 5624 lb		
bearing type		: WSeal	WSeal	Max. compression	: 10224 lb		
			8000 h	·			
Sealing	/al	: 6000 h					
Sealing Lubrication inter		: 60 a	45 a				
Sealing Lubrication inter- Lubricant amour		: 60 g : Mobil Pol	45 g Ivrex FM				
Sealing Lubrication inter Lubricant amour Lubricant type		: 60 g : Mobil Pol					
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Performed by					
Checked by				Page	Revision
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