DATA SHEET



Three-Ph : 324/6T0		m Efficier	ncy	Product code :	12452800		
: 30 HP (: 6 : 60 Hz						12452800	
: 13.1 A : 1180 rpi : 1.67 % : 18.5 kgi : 220 % : 240 % : F : 1.25	: 60 Hz : 575 V : 29.0 A : 180 A : 6.2x(Code G) : 13.1 A : 1180 rpm : 1.67 % : 18.5 kgfm : 220 % : 240 % : F : 1.25 : 0.5561 kgm²		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³		: 37s (cold) 21s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 62.0 dB(A) : Direct On Line : 254 kg		
75% 93.0 0.76	100% 93.0 0.82		Max. tra	ction	: 430 kgf : 684 kgf		
						D7 (0.25,0.25	
						P7 (0,25;0,25)	
: : : :	Drive end : 6312 C3 : V'Ring : 20000 h : 21 g			Non drive end 6212 C3 V'Ring 20000 h 13 g obil Polyrex EM			
	: 13.1 A : 1180 rpi : 1.67 % : 18.5 kgf : 220 % : 240 % : F : 1.25 : 0.5561 : B 75% 93.0 0.76	: 13.1 A : 1180 rpm : 1.67 % : 18.5 kgfm : 220 % : 240 % : F : 1.25 : 0.5561 kgm² : B 75% 100% 93.0 93.0 0.76 0.82 ating points (speed;torque), 5;1,0) P3 (0,25;1,0) 1 6.0 Drive end 6312 C: : V'Ring : 20000 R	: 13.1 A : 1180 rpm : 1.67 % : 18.5 kgfm : 220 % : 240 % : F : 1.25 : 0.5561 kgm² : B 75% 100% 93.0 93.0 0.76 0.82 ating points (speed;torque), in percer 5;1,0) P3 (0,25;1,0) P4 (0, 1 6.0 3. Drive end : 6312 C3 : V'Ring : 20000 h : 21 g	: 13.1 A : 1180 rpm : 1.67 % : 18.5 kgfm : 220 % : 240 % : F : 1.25 : 0.5561 kgm² : B T5% 100% Foundat Max. traing points (speed;torque), in percentage of response of the provided of	13.1 A	: 13.1 A	

(+) At 100 % of 10	iii load.					
Rev.		Changes Summary	'	Performed	Checked	Date
Performed by						
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



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Customer :

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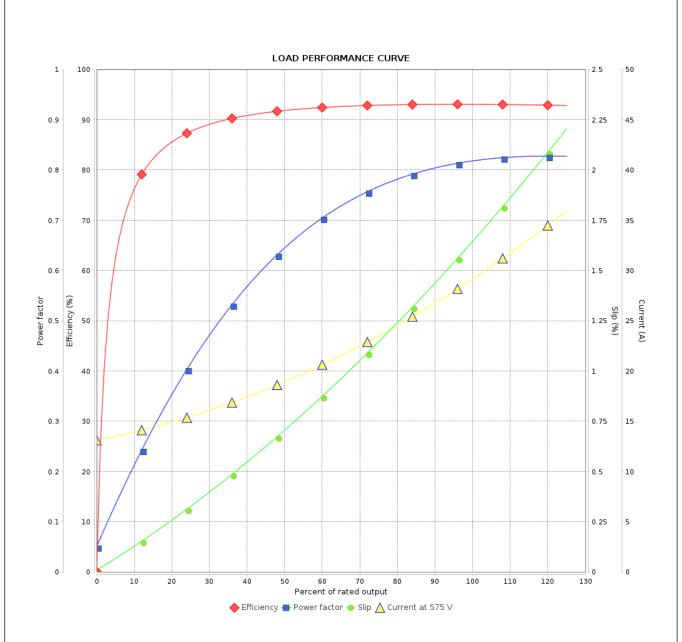
Date

19/10/2024

Product line : W22 NEMA Premium Efficiency

Three-Phase

Product code: 12452800



Performance : 575 V 60 Hz 6P : 0.5561 kgm² Rated current : 29.0 A Moment of inertia (J) **LRC** : 6.2 Duty cycle : Cont.(S1) Insulation class Rated torque : 18.5 kgfm : F Locked rotor torque : 220 % Service factor : 1.25 Breakdown torque : 240 % Temperature rise : 80 K Rated speed : 1180 rpm Design : B Rev. Performed Checked Date **Changes Summary** Performed by

