DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Output :75 HP (55 kW) Temperature rise :80 k Poles :6 :Cont.(S1) Frequency :60 Hz Ambient temperature :-20°C to +40°C Rated voltage :575 V Attitude :1000 m.a.s.l. Rated current :67.9 A Protection degree :IP55 L. R. Amperes :435 A Cooling method :IC411 - TEFC LRC :6.4x(Code G) Mounting :F-1 No load current :24.0 A Rotation1 :Both (CW and CCW) Rated speed :1184 rpm Noise level2 :68.0 dB(A) Slip :1.33 % Starting method :Direct On Line Rated torque :46.0 kgfm Approx. weight3 :536 kg Locked rotor torque :229 % Insulation class :F Service factor :1.25 Max. traction :773 kgf Output :50% 75% 100% Foundation loads Efficiency (%) 94.1 94.5 94.5 Max. compression :1309 kgf .osses at normative operating points (speed;torque), in percentage of rated output power P1 (0.9;1.0) <t< th=""><th colspan="2">Product line</th><th colspan="4">: W22 NEMA Premium Efficiency Product code : Three-Phase</th><th colspan="2">12974983</th></t<>	Product line		: W22 NEMA Premium Efficiency Product code : Three-Phase				12974983	
This revision replaces and cancel the previous one, which nust be eliminated. Max. traction : 773 kgf Max. traction : 773 kgf Max. compression : 1309 kgf Max. traction : 773 kgf Max. compression : 1309 kgf Max. traction : 773 kgf Max. traction : 1309 kgf Max. traction : 1300 kg Max. traction : 1000 h Lubrication interval : 16000 h Mobil Polyrex EM : 34 g Max. traction : 1000 h	Breakdown torqu Insulation class Service factor	: 4 : 7 : 6 : 6 : 5 : 6 : 2 : 6 : 2 : 1 : 1 : 1 : 1 : 1 : 1 : 2 : 2 : 1 : 1 : 2 : 2 : 4 : 4 : 4 : 6 : 5 : 6 : 7 : 6 : 7 : 7 : 7 : 7 : 7 : 7 : 7 : 7 : 7 : 7	404/5T 75 HP (55 kW) 5 60 Hz 575 V 575 A 335 A 3.4x(Code G) 24.0 A 1184 rpm 1.33 % 46.0 kgfm 229 % 229 % 5 1.25 1.69 kgm ²		Temper Duty cy Ambier Altitude Protect Cooling Mountin Rotatio Noise la Starting	ature rise cle it temperature ion degree method ng n ¹ evel ² method	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a.: : IP55 : IC411 - TE : F-1 : Both (CW : 68.0 dB(A : Direct On	40°C s.l. EFC and CCW)
This revision replaces and cancel the previous one, which nust be eliminated. Max. traction : 773 kgf Max. traction : 773 kgf Max. compression : 1309 kgf Max. traction : 773 kgf Max. compression : 1309 kgf Max. traction : 773 kgf Max. traction : 1309 kgf Max. traction : 1300 kg Max. traction : 1000 h Lubrication interval : 16000 h Mobil Polyrex EM : 34 g Max. traction : 1000 h	Output	50%	75% 100%		Foundat	ion loads	<u>.</u>	
Power Factor 0.74 0.83 0.86 Max. compression : 1309 kgf cosses at normative operating points (speed;torque), in percentage of rated output power P1 (0.9;1.0) P2 (0.5;1.0) P3 (0.25;1.0) P4 (0.9;0.5) P5 (0.5;0.5) P6 (0.5;0.25) P7 (0.25;0.25) 6.3 5.0 4.5 3.5 2.3 1.7 1.1 Drive end Non drive end Bearing type : 6316 C3 6314 C3 Sealing : WSeal WSeal Lubrication interval : 16000 h 17000 h Lubricant amount : 34 g 27 g Lubricant type : Mobil Polyrex EM	Efficiency (%)						: 773 kaf	
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6.3 5.0 4.5 3.5 2.3 1.7 1.1 Drive end Bearing type : 6316 C3 6314 C3 Sealing : WSeal Lubrication interval : 16000 h 17000 h Lubricant amount : 34 g 27 g Lubricant type : Mobil Polyrex EM Notes			1		-		P6 (0 5.0 25)	P7 (0 25.0 2
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Fhis revision replaces and cancel the previous one, which nust be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.	Lubrication inter Lubricant amour		16000 H	า	17000 h 27 g			
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21/10/2024

Date

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LOAD PERFORMANCE CURVE

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Customer



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