DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer	:					
Product line	: W22 Tru-Metric IE3 Three-Phase		Product code : Catalog # :		13034285 07509ET3Y315S/M-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torque Insulation class Service factor Moment of inertia	### ### ### ### ### ### ### ### ### ##		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³		: 72s (cold) 40s (hot) : 80 K : S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B3L(E) : Both (CW and CCW) : 62.0 dB(A) : Direct On Line : 2518 lb	
Design	: N	750/ 4000/	Coundati	la a da		
Output Efficiency (%)	25% 50% 5 93.7 93.7 93.9 93.9 9	75% 100% 94.0 94.0 94.1 94.1	Foundation Max. trace		: 2422 lb	
Power Factor	93.7 93.9 94.0 94.1 0.43 0.37 0.69 0.62 0.77 0.73 0.81 0.79 0.37 0.62 0.73 0.78		Max. con	ax. compression : 4939 lb		
Losses at normativ	e operating points (sp	eed;torque), in perce	ntage of ra	ited output power		
Losses (%)	P1 (0,9;1,0) P2 (0,5;1,0) P3 (0,25;1,0) P4 (0,9;0,5)	6.0 4.3 3.6 3.4	3	3.0 4.3 3.6 3.4	6.0 4.3 3.6 3.4	
	P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,25;0,25)	2.1 1.6 1.0	1	2.1 .6 .0	2.1 1.6 1.0	
Bearing type Sealing Lubrication interva Lubricant amount Lubricant type	: : : : :	<u>Drive end</u> 6319 C3 WSeal 17000 h 45 g	oil Polyrex	Non drive end 6316 C3 WSeal 20000 h 34 g	<u>I</u>	
Notes:						
must be eliminated (1) Looking the mod (2) Measured at 1m (3) Approximate we manufacturing prod (4) At 100% of full I	tor from the shaft end. n and with tolerance of eight subject to change ess. load.	÷+3dB(A). es after		upply, subject to th	based on tests wine tolerances stipu	lated in NEMA
Rev.	Chang	es Summary		Performed	Checked	Date

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