## DATA SHEET

## Three Phase Induction Motor - Squirrel Cage



Customer	:						
Product line	: W22 Tru-Metric IE4 Three-Phase		Product code : Catalog # :		17300409 11012EG3Y315L-W22		
Frame : 315L Output : 150 HP (110 Poles : 6 Frequency : 50 Hz Rated voltage : 380 V Rated current : 210 A L. R. Amperes : 1449 A LRC : 6.9 No load current : 83.0 A Rated speed : 990 rpm Slip : 1.00 % Rated torque : 796 ft.lb Locked rotor torque : 220 % Breakdown torque : 240 % Insulation class : F Service factor : 1.00		n	Locked Tempe Duty cy Ambier Altitude Protect Cooling Mounti Rotatio Noise I Starting Approx		: 79s (cold) : 80 K : S1 : -20°C to + : 1000 m.a : IP55 : IC411 - TI : B3L(E) : Both (CW	: 79s (cold) 44s (hot) : 80 K : S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B3L(E) : Both (CW and CCW) : 68.0 dB(A) : Direct On Line	
Moment of inertia Design	: NE		Foundati	an loods			
Output Efficiency (%)	0.000 95.2 95.0	75% 100% 95.7 95.7 95.8 95.8 95.6 95.8 95.8 96.2	Foundation		: 3312 lb		
Power Factor	0.00 0.00 0.69 0.65 0.00 0.00 0.63 0.62		Max. con	pression	: 6201 lb		
Losses at normati	ve operating points (sp	eed;torque), in perce	ntage of ra	ted output power			
	P1 (0,9;1,0) P2 (0,5;1,0) P3 (0,25;1,0)	4.3 3.4 3.0	3	3.4 3.0	4.3 3.4 3.0	4.0 3.1 2.8	
Losses (%)	P4 (0,9;0,5) P5 (0,5;0,5) P6 (0,5;0,25) P7 (0,25;0,25)	2.4 1.5 1.1 0.7	1	.5 .1 .7	2.4 1.5 1.1 0.7	2.2 1.4 1.0 0.7	
		Drive end		Non drive end	1		
Bearing type Sealing Lubrication interv	: : :al :	: 6319 C3 : WSeal : 13000 h		6316 C3 WSeal 16000 h			
Lubricant amount		: 45 g : Mobil Polyrex EM					
Notes:							
must be eliminated (1) Looking the mo (2) Measured at 1	otor from the shaft end. m and with tolerance o reight subject to chango ocess.	f +3dB(A).			based on tests wine tolerances stipu		
Rev.	Chanc	jes Summary		Performed	Checked	Date	
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Checked by			Page	Revision		
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