DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	ne : W21 Explosion Proof NEMA Premium Efficiency Three-Ph					14188207		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 7.3 : 2 : 60 : 23 : 17 : 12 : 7.3 : 5.0 : 35 : 1.4 : 22 : 30 : F : 1.7	: 213/5T : 7.5 HP (5.5 kW) : 2 : 60 Hz : 230/460 V : 17.3/8.67 A : 125/62.4 A : 7.2x(Code H) : 5.00/2.50 A : 3535 rpm : 1.81 % : 1.54 kgfm : 229 % : 300 % : F : 1.15 : 0.0198 kgm ²			rotor time rature rise role it temperature ion degree g method ng n ¹ evel ² g method . weight ³	: 41s (cold) 23s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 72.0 dB(A) : Direct On Line : 88.2 kg	
Output	25%	50%	75% 1	00%	Foundat	tion loads		
Efficiency (%) Power Factor	84.3 0.55	85.5 0.78		9.5 .89	Max. tra Max. coi	ction mpression	: 56 kgf : 143 kgf	
_osses at normat	tive opera	ting point	ts (speed;torque	, in perce	ntage of r	ated output power		
P1 (0,9;1,0)	P2 (0,5		P3 (0,25;1,0)		,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25
10.7	7.3	3	6.5	6	5.2	3.1	2.1	1.1
		:	6308 2			6207 2RS		
Sealing Lubrication inter- Lubricant amour Lubricant type	nt	: : : :	Oil Se - -	al	bil Polyre	Lip Seal - -		
Notes	nt	1.15 SF	Oil Se - -	al	bil Polyre)	Lip Seal - -		
Sealing Lubrication interv	aces and ed. notor from 1m and wi weight sub ocess.	cancel th the shaf	Oil Se - - A 22.8A ne previous one, t end. nce of +3dB(A).	al Mo	These a	Lip Seal - -		
Sealing Lubrication inter- Lubricant amoun Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate v manufacturing pro-	aces and ed. notor from 1m and wi weight sub ocess.	cancel th the shaf ith tolerar bject to c	Oil Se - - A 22.8A ne previous one, t end. nce of +3dB(A).	al <u>Mo</u> which	These a power s	Lip Seal - x EM		
Sealing Lubrication intern Lubricant amoun Lubricant type Notes JSABLE @208V Fhis revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro- 4) At 100% of ful Rev.	aces and ed. notor from 1m and wi weight sub ocess.	cancel th the shaf ith toleran bject to c	Oil Se - - - A 22.8A ne previous one, t end. nce of +3dB(A). hanges after	al <u>Mo</u> which	These a power s	Lip Seal - x EM	e tolerances stip	ulated in NEMA

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	Application	Thermal protection	Oursette	0 arraine		
ID 1	Application	Type	Quantity		Temperature	
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C	
Rev.	Changes	Summary	Performed	Checked	Date	
Performed by						
Checked by				Page	Revision	
Date	28/10/2024			2/3		

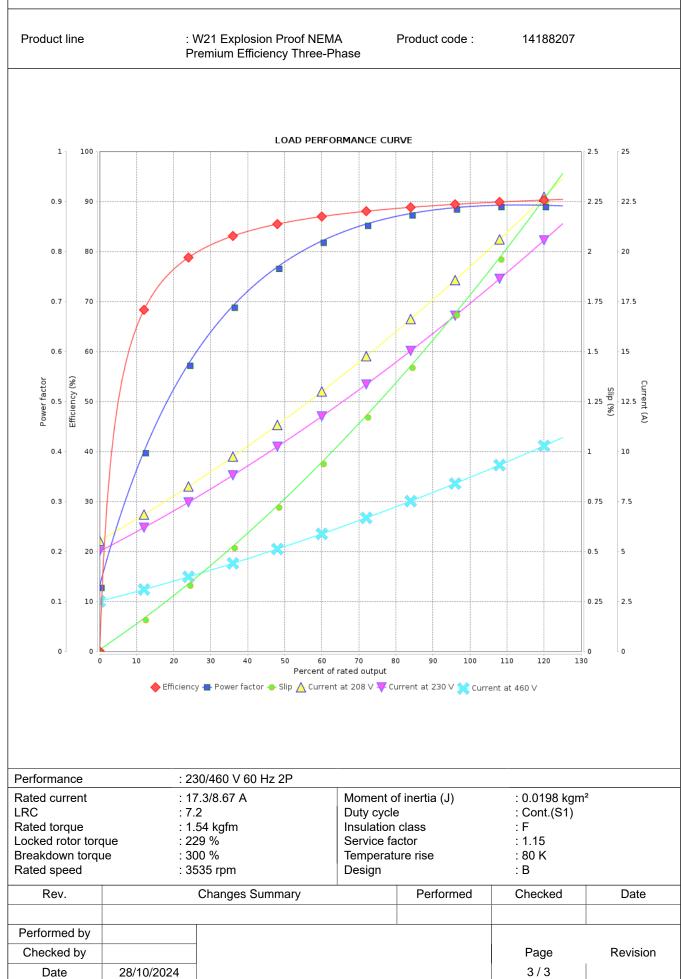


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