DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		se Coupled Pu ency Three-Ph	imp NEMA Premiui nase	m Product code :	11082953	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 184JM : 5 HP (3.7 : 4 : 60 Hz : 575 V : 5.13 A : 37.4 A : 7.3x(Cod : 2.40 A : 1755 rpm : 2.50 % : 2.07 kgfn : 210 % : 290 % : F : 1.15 : 0.0147 kg : B	le J) 1	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	: 21s (cold) : 105 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP21 : IC01 - ODF : F-1 : Both (CW a : 55.0 dB(A) : Direct On L : 35.3 kg	40°C s.l. and CCW)
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	88.5	89.5	89.5	Max. traction	: 108 kgf	
Power Factor	0.63	0.75	0.81	Max. compression	: 143 kgf	
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :			Drive end 6207 ZZ hout Bearing Seal	Non drive end 6205 ZZ al Without Bearing Seal - - Mobil Polyrex EM		
	nt	:	- Mol	- bil Polyrex EM		
Lubricant amour Lubricant type Notes:	laces and ca	: : ancel the previ		These are average values		
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. tolerance of + ect to changes	ous one, which -3dB(A). after	These are average values power supply, subject to the MG-1.	e tolerances stipul	ated in NEMA
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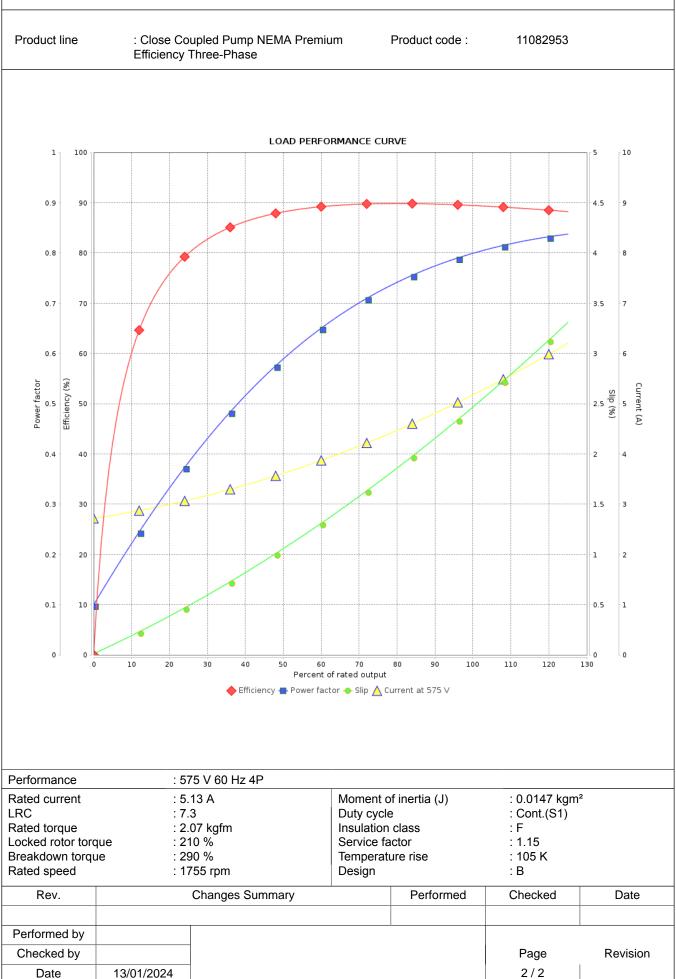
LOAD PERFORMANCE CURVE

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