## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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## Customer

Product line		Three-Pha	n Proof Standard E <sup>.</sup> ase				
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		: D56EX : 1 HP (0.75 kW) : 4 : 60 Hz : 230/460 V : 3.00/1.50 A : 19.5/9.75 A : 6.5x(Code J) : 1.80/0.900 A : 1740 rpm : 3.33 % : 0.417 kgfm : 280 % : 320 % : B : 1.15 : 0.0060 kgm <sup>2</sup> : A		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>		: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP44 : IC411 - TEFC : F-1 : Both (CW and CCW) : 55.0 dB(A) : Direct On Line : 20.2 kg	
Efficiency (%) Power Factor	80.0 0.53	82.5 0.66	84.0 0.74	Max. tractio Max. comp		: 33 kgf : 53 kgf	
Bearing type Sealing Lubrication interval Lubricant amount		Drive end : 6203 ZZ : Without Bearing Seal : - : - : Mot		<u>Non drive end</u> 6203 ZZ Without Bearing Seal - - -			
	nt	:	- - Mo	bil Polyrex E	-		
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at	aces and ca acor from th 1m and with	: 	A A ious one, which +3dB(A).	bil Polyrex E	average values	s based on tests w ne tolerances stipu	
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at ( (3) Approximate of manufacturing pr	aces and ca ed. notor from th 1m and with weight subje ocess.	: 	A A ious one, which +3dB(A).	bil Polyrex E	average values	s based on tests w	
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at ( (3) Approximate of manufacturing pr	aces and ca ed. notor from th 1m and with weight subje ocess.	00 SFA 3.12	A A ious one, which +3dB(A).	bil Polyrex E	average values	s based on tests w	
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	aces and ca ed. notor from th 1m and with weight subje ocess.	00 SFA 3.12	A A ious one, which +3dB(A).	bil Polyrex E	average values	s based on tests w he tolerances stipu	lated in NEMA
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at ( (3) Approximate of manufacturing pr (4) At 100% of fu Rev.	aces and ca ed. notor from th 1m and with weight subje ocess.	00 SFA 3.12	A A ious one, which +3dB(A).	bil Polyrex E	average values	s based on tests w he tolerances stipu	lated in NEMA

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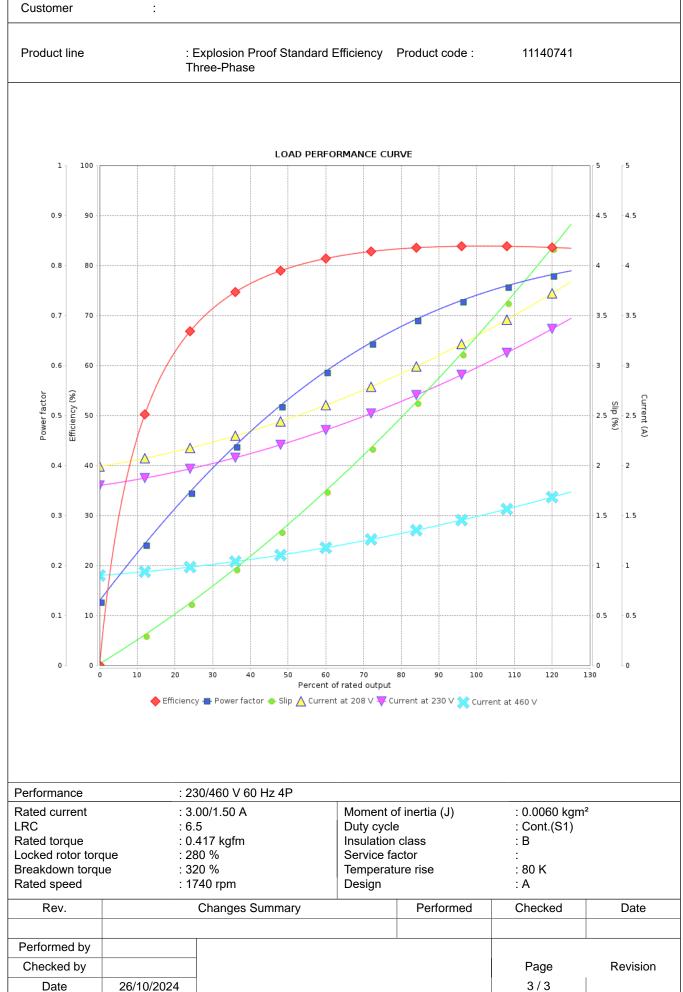
D	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	30 °C
1	Winding	Thermostat - 2 wires	1 x Phase		30 °C
Rev.	Changes	s Summary	Performed	Checked	Date
erformed by hecked by				Page	Revision



## LOAD PERFORMANCE CURVE

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