## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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## Customer

Product line			1 Explosion Proof NEMA iium Efficiency Three-Pha	Product code : se	15488075	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Insulation class Service factor Moment of inertia Design	e	: 449 : 150 : 4 : 60 H : 230/ : 335/ : 2144 : 6.4x : 105/ : 178 : 0.94 : 61.1 : 190 : 220 : F : 1.15	T HP (110 kW) Hz (460 V (168 A 4/1075 A (Code G) /52.5 A 3 rpm 4 % kgfm % %	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>	: 61s (cold) 3 : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TEI : F-1 : Both (CW a : 80.0 dB(A) : VFD : 1233 kg	40°C  FC and CCW)
Output	25%	50%	75% 100%	Foundation loads		
Efficiency (%) Power Factor	0.000 0.00	95.4 0.76	95.8 95.8	Max. traction Max. compression	: 558 kgf : 1791 kgf	
Bearing type Sealing		:	<u>Drive end</u> NU-322 C3 Viton Oil Seal	<u>Non drive en</u> 6319 C3 Viton Sea 8000 h		
Lubrication interva Lubricant amount Lubricant type Notes			3330 h 60 g Mob	45 g		
Lubrication interva Lubricant amount Lubricant type Notes	ices and c d. otor from t m and witl reight subj cess.	he shaft e h toleranc	60 g Mobi previous one, which end. e of +3dB(A).	45 g		
Lubrication interva Lubricant amount Lubricant type Notes This revision repla must be eliminated (1) Looking the mod (2) Measured at 1r (3) Approximate w manufacturing pro	ices and c d. otor from t m and witl reight subj cess.	he shaft e n toleranc ect to cha	60 g Mobi previous one, which end. e of +3dB(A).	45 g il Polyrex EM		
Lubrication interva Lubricant amount Lubricant type Notes This revision repla must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro (4) At 100% of full Rev.	ices and c d. otor from t m and witl reight subj cess.	he shaft e n toleranc ect to cha	60 g Mobi	45 g il Polyrex EM These are average values power supply, subject to t MG-1.	he tolerances stipu	lated in NEMA
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ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
rformed by necked by Date	30/10/2024			Page 2 / 3	Revision

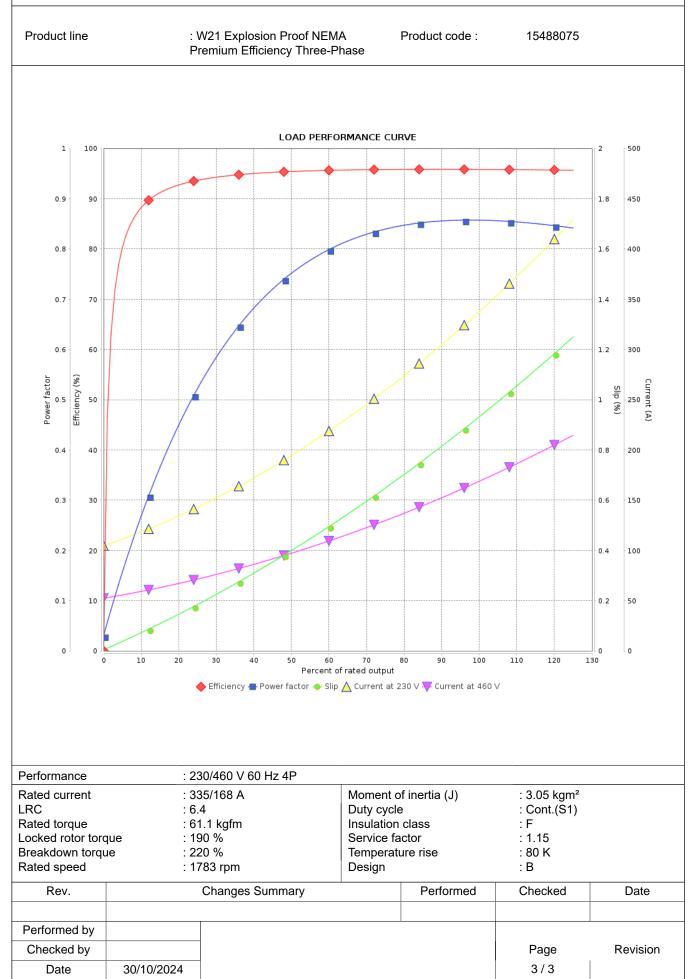


## LOAD PERFORMANCE CURVE

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Customer



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Subject to change without notice