## DATA SHEET

Three Phase Induction Motor - Squirrel Cage



	: W20 Th	ee-Phase			Product code :	16849987	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torc Insulation class Service factor Moment of inert Design	rque iue	100L 3 kW (4 HP) 2 50 Hz 230/400 V 9.95/5.72 A 77.6/44.6 A 7.8 4.54/2.61 A 2905 rpm 3.17 % 9.87 Nm 229 % 330 % F 1.00 0.0064 kgm <sup>2</sup> N		Tempe Duty o Ambie Altitud Proteo Coolin Mount Rotati Noise Startir	ent temperature le ction degree ng method ting on <sup>1</sup>	: 16s (cold : 80 K : S1 : -20°C to - : 1000 m.a : IP55 : IC411 - T : B3T : Both (CW : 67.0 dB(A : Direct On : 25.1 kg	+40°C .s.l. EFC / and CCW) A)
Output	50%		100%	Foundat	tion loads		
Efficiency (%)	85.0		37.1	Max. tra		: 690 N	
Power Factor	0.69		).87		mpression	: 937 N	
_osses at norma	ative operating po	ints (speed:tor	que), in perce	entage of r	rated output power		
P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1		),9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25
14.5	12.7	11.5		<b>7</b> .0	4.7	3.1	2.1
Lubricant amou Lubricant type	int :		- Mo		-		
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Subject to change without notice

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Шед

: MGE : MGE Customer Customer reference

Thermal protection								
D	Application	Туре	Quantity	Sensing	Temperature			
1	Winding	Thermistor - 2 wires	1 x Phase	1	55 °C			
Rev.	Chan	ges Summary	Performed	Checked	Date			
		-						
erformed b								
Checked by Date				Page	Revision			
Data	29/09/2023			2/2	1			

