



Specification	IEC 60034-1	Efficiency class	IE2
Manufacturer	AmTecs	Load data	100%
Motor type	AMA-IE2 90 S4	Efficiency	81.4 %
Rated power	1.1 kW S1 Duty	Power factor	0.77
Speed	1400 rpm	Sound pressure level (1m)	54 dB(A)
Voltage	220V / 400V	Resistance R20 (open)	
Frequency	50 Hz	Resistance R20 (Delta)	
Connection	Delta / Star		
Full load current	4.38 A / 2.53 A	Full load torque	7.3 Nm
No-load current		Starting / Full load torque	3
Enclosure	IP55	Pull up / Full load torque	
Insulation class	F (temp. rise B)	Pull out / Full load torque	3.5
Max. ambient temp	40 °C		
Max. altitude	1000 mtr above sea level		
Comment			
Cable entry	M20 x 1.5	Starting / Full load current (DOL)	6
Construction	Aluminium	Starting / Full load current (Y/D)	
Weight	18.5 Kg	Rotor Inertia	
Type number		Bearing DE	6205
Warranty		Bearing NDE	6205