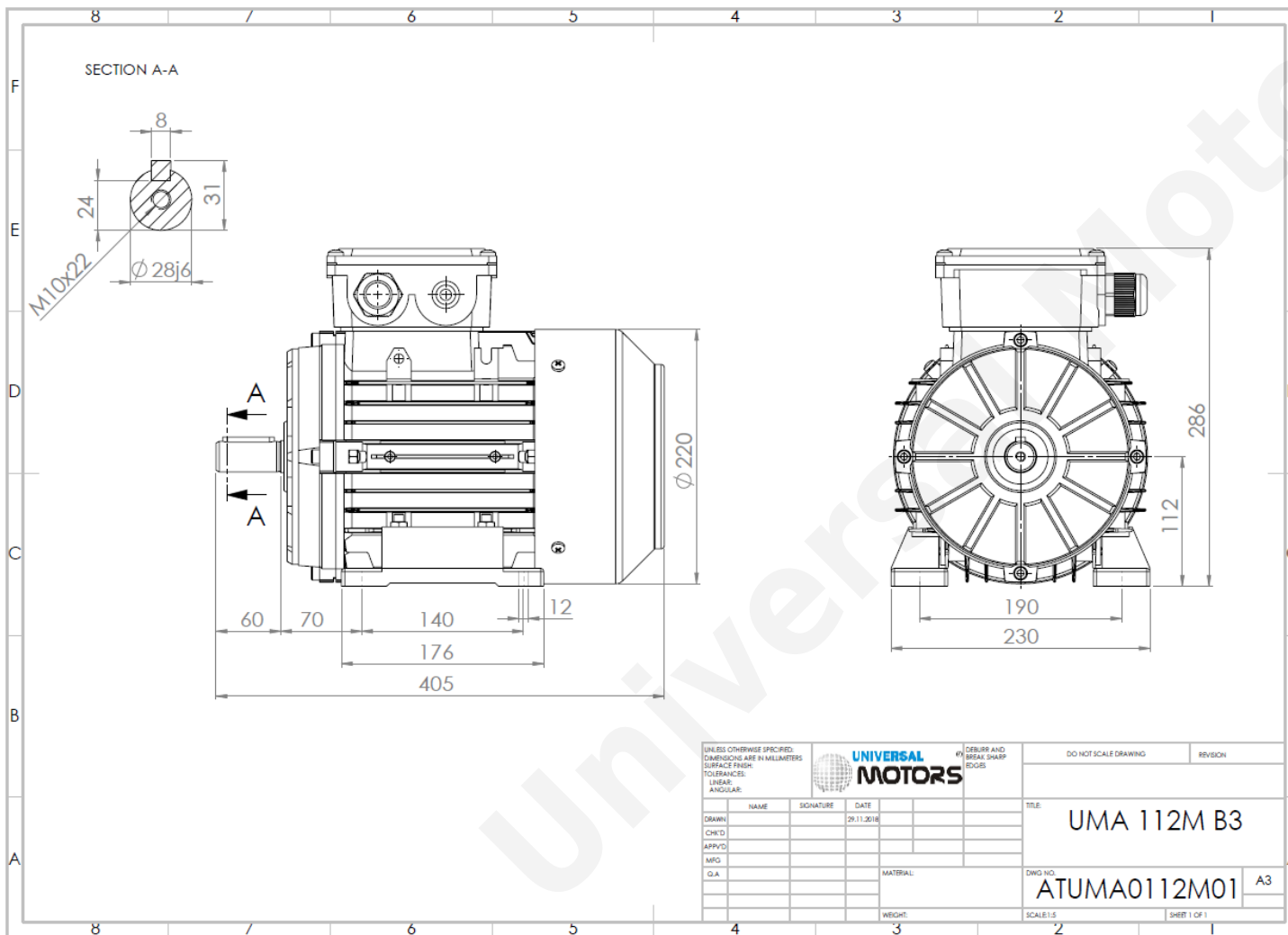




# TECHNICAL DATA

Three Phase Electric Motors - Aluminum Frame  
 UM2A 112M2-2  
 5.5 kW / 7.5 Cv  
 2920 RPM



Motor type:	<b>UM2A 112M2-2</b>
Output:	<b>5.5 kW / 7.5 Cv</b>
Speed (min <sup>-1</sup> ):	<b>2920 RPM</b>
Frequency:	<b>50 Hz</b>
Voltage:	<b>400 V</b>
Current:	<b>10.5 A</b>
Power factor (Cos Ø):	<b>0.87</b>
Poles:	<b>2</b>
Insulation class:	<b>F</b>
Temperature rise Class:	<b>B</b>
Efficiency 50%:	<b>86.1 %</b>
Efficiency 75%:	<b>87.3 %</b>
Efficiency 100%:	<b>87.0 %</b>
Torque:	<b>18 N.m</b>
Tstarting/Tnominal:	<b>3.4</b>
Istarting/Inominal:	<b>10.2</b>
Tmaximum/Tnominal:	<b>4.1</b>
Noise:	<b>78 Db(A)</b>
Weight:	<b>32.5 Kg</b>
Brake AC:	<b>AC6</b>
Torque Brake DC:	<b>60 N.m</b>
Bearing DE:	<b>6306 2Z</b>
Bearing NDE:	<b>6206 2Z</b>
Torque Brake AC:	<b>60 N.m</b>
Brake DC:	<b>REB-05-14</b>

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				UNIVERSAL MOTORS		#1 DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN	NAME	SIGNATURE	DATE	TITLE: UMA 112M B3				DWG NO. ATUMA0112M01		A3	
CHK'D			29.11.2018					SCALE: 1:1		SHEET 1 OF 1	
APP'VD											
MFG											
Q.A.											
				MATERIAL:							
				WEIGHT:							

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

## CONTACTS:

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 4480-782 VILA DO CONDE Mail: [geral@universalmotors.pt](mailto:geral@universalmotors.pt)

\* References applied only in the UK