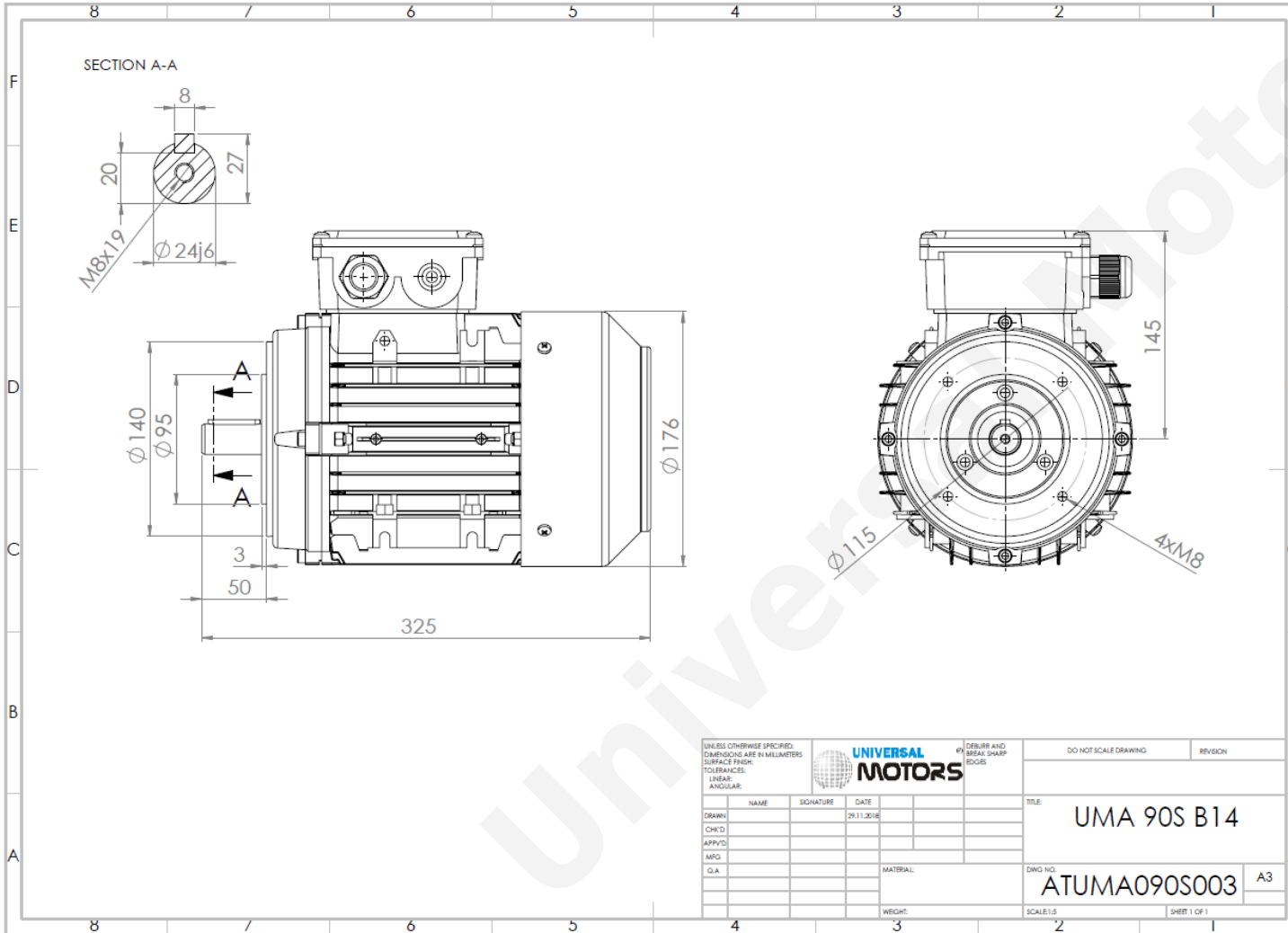




TECHNICAL DATA

Three Phase Electric Motors - Aluminum Frame
 UM3A 90S-6 IE3
 0.75 kW / 1 Cv
 950 RPM



Motor type:	UM3A 90S-6 IE3
Output:	0.75 kW / 1 Cv
Speed (min ⁻¹):	950 RPM
Frequency:	50 Hz
Voltage:	400 V
Current:	2.05 A
Power factor (Cos Ø):	0.67
Poles:	6
Insulation class:	F
Temperature rise Class:	B
Efficiency 50%:	78.1 %
Efficiency 75%:	80.1 %
Efficiency 100%:	78.9 %
Torque:	7.7 N.m
Tstarting/Tnominal:	2.3
Istarting/Inominal:	4.7
Tmaximum/Tnominal:	2.6
Noise:	59 Db(A)
Weight:	13.8 Kg
Brake AC:	AC4
Torque Brake DC:	16 N.m
Bearing DE:	6205 2Z
Bearing NDE:	6205 2Z
Torque Brake AC:	20 N.m
Brake DC:	REB-05-10

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				UNIVERSAL MOTORS		DO NOT SCALE DRAWING		REVISION
DRAWN	NAME	SIGNATURE	DATE	TITLE:		DWG NO.		A3
CHK'D			29.11.2016	UMA 90S B14		ATUMA090S003		
APP'VD								
MFG								
Q.A								
MATERIAL:				WEIGHT:		SCALE: 1:1		SHEET 1 OF 1

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

CONTACTS:

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 Rua de São Brás,745 Fax: +351 252 299 089
 4480-782 VILA DO CONDE Mail: geral@universalmotors.pt

* References applied only in the UK