955D SERIES 20mm dia. SPUR MINIATURE AND SUB MINIATURE GEARED MOTOR
(RE955 Motor)



RATIOS NOW AVAILABLE AS EX-STOCK ITEMS.
Fitted with RE955 (12v) Motor:

955D101	Ratio	10:1
955D521	Ratio	52:1
955D991	Ratio	99:1
955D1501	Ratio	150:1
955D2251	Ratio	225:1
955D5491	Ratio	549:1

All metal spur geared motor suitable for miniature and sub miniature applications. The combination of a high torque motor with carbon brushes and a robust gearbox with sleeve bearings and a 4mm output shaft, provide excellent durability and reliable performance.

MOTOR DATA. (RE955)

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY						STALL TORQUE	
	OPERATING RANGE	NOMINAL	SPEED R.P.M.	CURRENT A	SPEED R.P.M.	CURRENT A	TORQUE oz-in	TORQUE g-cm	OUTPUT W	EFF %	oz-in	g-cm
RE955	12	12v Constant	6200	0.024	4960	0.10	0.025	18	0.78	77	0.97	69.7

GEARBOX DATA.

PART NO	RATIO	REDUCTION TABLE RPM (No Load)°			WEIGHT	TORQUE RATING AT:
		6v	9v	12v		12v (g.cm)^
955D101	10:1	310	465	620	48g	131
955D521	52:1	60	89	119	51.5g	515
955D991	99:1	32	47	63	53g	891
955D1501	150:1	21	31	41	53g	1350
955D2251	225:1	14	21	28	56g	1800
955D5491	549:1	6	8	11	56g	1800

NOTES:° Motor speeds may vary by + or - 12.5%
^ Geared Motor Torque Ratings at Maximum Efficiency. To establish Torque Rating in Nm, divide g.cm by 10197.0

955D SERIES	
No Load Backlash	Max 1.5 deg.
Max Radial Load (10mm from flange)	400gf.
Shaft Axial Load	200gf.

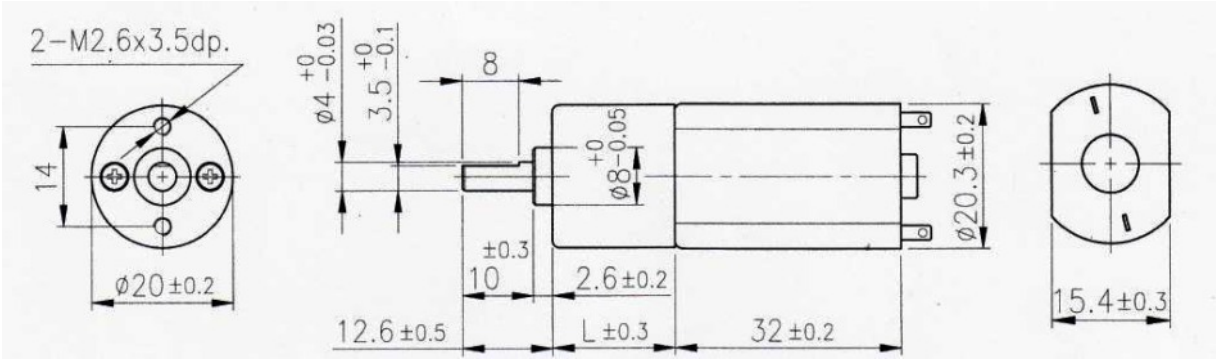
IMPORTANT NOTICES:
At very low ratios the torque produced by this geared motor combination may exceed the maximum permissible torque of the gearbo x. In this situation the unit must not be allowed to stall as this may damage the gears.
Due to the wide range of applications for this product it is the users responsibility to establish the products suitability for their individual purpose(s).

1 Llwyn Bleddyn, Llanllechid, Bangor, LL57 3EF, UK
TEL: 01304 612132
EMAIL: info@mfacomo.com
WEB: www.mfacomodrills.com

THE ABOVE FIGURES ARE A GUIDE ONLY AND DO NOT FORM ANY CONTRACTUAL OBLIGATION ON THE PART OF MFA/COMO DRILLS.

955D SERIES 20mm dia. SPUR MINIATURE AND SUB MINIATURE GEARED MOTOR
(RE955 Motor)

955D SERIES TECHNICAL DRAWING



RATIO	L
10:1	16.5
52:1	20.0
99:1	21.8
150:1	21.8
225:1	25.3
549:1	25.3

NOTE: all diameters in mm

FOR ACCESSORIES TO FIT THIS SERIES GEARBOX, REFER TO 918D SERIES.

Subject to minimum order quantities of 250 units, the following ratios are also available with a six week lead-time. The dimensions of these other gearboxes may vary from the data as illustrated above. Details of individual gearboxes are available upon request.

GEARBOX 13:1 with 955 motor
GEARBOX 18:1 with 955 motor
GEARBOX 29:1 with 955 motor
GEARBOX 67:1 with 955 motor
GEARBOX 80:1 with 955 motor
GEARBOX 120:1 with 955 motor
GEARBOX 179:1 with 955 motor
GEARBOX 275:1 with 955 motor
GEARBOX 350:1 with 955 motor
GEARBOX 430:1 with 955 motor
GEARBOX 689:1 with 955 motor
GEARBOX 794:1 with 955 motor
GEARBOX 866:1 with 955 motor

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