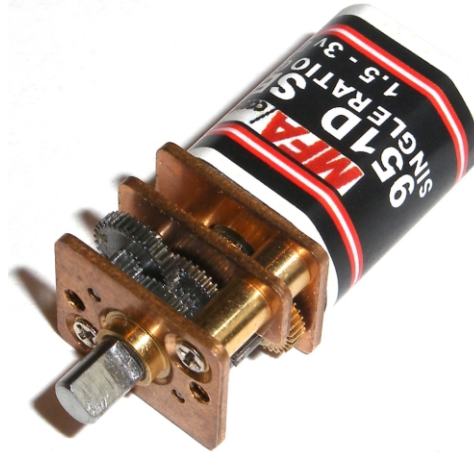




DustCap
sold separately
includes M1.6 x 3mm
Part No: 951DC

(Also available M1.6 x 5mm)



RATIOS NOW AVAILABLE AS EX-STOCK ITEMS.

Fitted with RE951 (1.5v - 3v) Motor:

951D101	Ratio	10:1
951D291	Ratio	29:1
951D601	Ratio	60:1
951D1021	Ratio	102:1
951D2981	Ratio	298:1

Fitted with RE951 (6v) Motor:

951D101/6V	Ratio	10:1
951D291/6V	Ratio	29:1
951D601/6V	Ratio	60:1
951D1021/6V	Ratio	102:1
951D2981/6V	Ratio	298:1

All metal spur geared motor for sub miniature applications. The combination of a high quality three pole motor with precious metal brushes, mounted onto a rugged all metal gearbox ensure a reliable service life.

MOTOR DATA. (RE951)

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY						STALL	
	OPERATING RANGE	NOMINAL	SPEED R.P.M.	CURRENT A	SPEED R.P.M.	CURRENT A	TORQUE oz-in	TORQUE g-cm	OUTPUT W	EFF %	TORQUE oz-in	TORQUE g-cm
RE951 (3v)	1.5 - 3	3v Constant	16000	0.08	14000	0.25	0.03	2	0.29	39	0.14	10est
RE951 (6v)	6	6v Constant	18000	0.05	14900	0.17	0.04	3	0.46	45	0.21	15est

GEARBOX DATA.

PART NO	RATIO	REDUCTION TABLE RPM (No Load) ^o			WEIGHT	TORQUE RATING AT:	
		1.5v	3v	6v		3v (g.cm) [^]	6v (g.cm) [^]
951D101	10:1	800	1600		10g	16	
951D101/6V	10:1			1800	10g		24
951D291	29:1	276	552		10g	64	
951D291/6V	29:1			621	10g		85
951D601	60:1	133	267		10g	79	
951D601/6V	60:1			300	10g		119
951D1021	102:1	78	157		10g	135	
951D1021/6V	102:1			176	10g		202
951D2981	298:1	27	54		10g	352	
951D2981/6V	298:1			60	10g		527

NOTES:^o Motor speeds may vary by + or - 12.5%

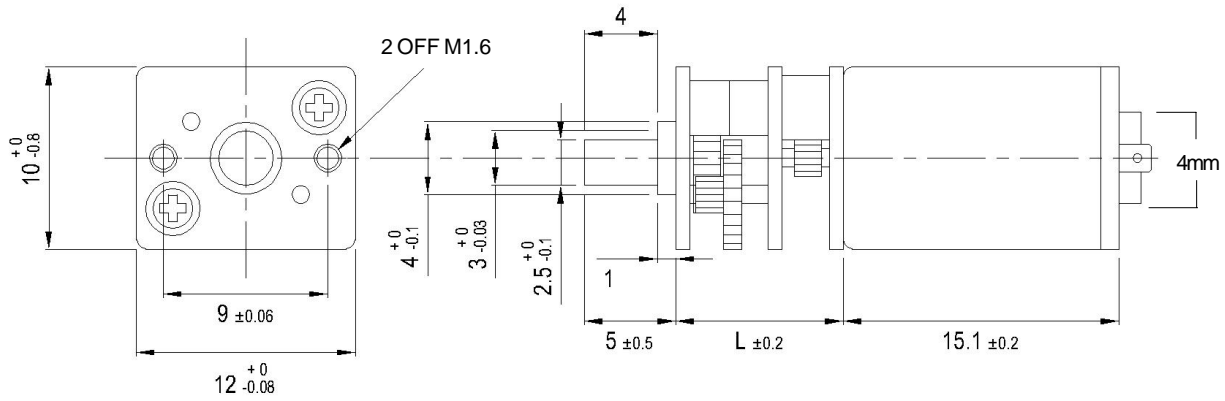
[^] Geared Motor Torque Ratings at Maximum Efficiency. To establish Torque Rating in Nm, divide g.cm by 10197.0

951D SERIES	
No Load Backlash	Max 1.5 deg.
Max Radial Load (10mm from flange)	400kgf.
Shaft Axial Load	200kgf.

IMPORTANT NOTICES:

At very low ratios the torque produced by this geared motor combination may exceed the maximum permissible torque of the gearbox. 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).

951D SERIES TECHNICAL DRAWING



RATIO	L
10:1	9.15
29:1	9.15
60:1	9.15
102:1	9.15
298:1	9.15

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 physical dimensions of these other gearboxes may vary from the data as illustrated above. Details of individual gearboxes are available upon request.

GEARBOX 19:1 with 951 motor
GEARBOX 76:1 with 951 motor

GEARBOX 134:1 with 951 motor
GEARBOX 197:1 with 951 motor

GEARBOX 235:1 with 951 motor