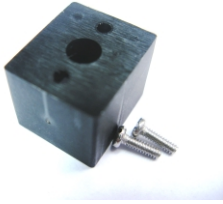
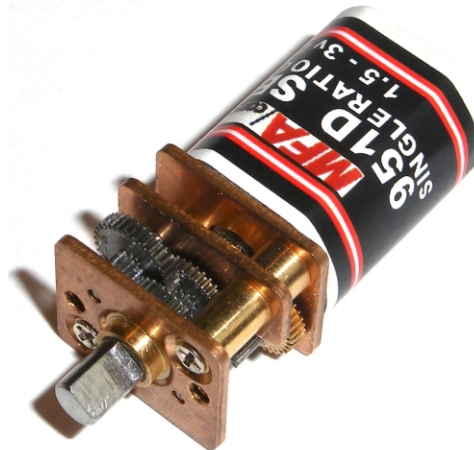


951D SERIES 12mm dia. SPUR SUB MINIATURE GEARED MOTOR

RE-951D MOTOR



DustCap
Part No. 951DC
sold separately



RATIOS NOW AVAILABLE AS EX-STOCK ITEMS.

951D101	(1.5v - 3v)	WITH 951D MOTOR.	RATIO 10:1	951D101/6V	(6v)	WITH 951D 6V MOTOR.	RATIO 10:1
951D291	(1.5v - 3v)	WITH 951D MOTOR.	RATIO 29:1	951D291/6V	(6v)	WITH 951D 6V MOTOR.	RATIO 29:1
951D601	(1.5v - 3v)	WITH 951D MOTOR.	RATIO 60:1	951D601/6V	(6v)	WITH 951D 6V MOTOR.	RATIO 60:1
951D1021	(1.5v - 3v)	WITH 951D MOTOR.	RATIO 102:1	951D1021/6V	(6v)	WITH 951D 6V MOTOR.	RATIO 102:1
951D2981	(1.5v - 3v)	WITH 951D MOTOR.	RATIO 298:1	951D2981/6V	(6v)	WITH 951D 6V MOTOR.	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. (RE-951D)

MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY						STALL	
	OPERATING RANGE	NOMINAL	SPEED R.P.M.	CURRENT A	SPEED R.P.M.	CURRENT A	TORQUE		OUTPUT W	EFF %	TORQUE	
							oz-in	g-cm			oz-in	g-cm
RE-951D (3v)	1.5 - 3	3v Constant	16000	0.08	14000	0.25	0.03	2	0.29	39	0.14	10est
RE-951D (6v)	6	6v Constant	18000	0.05	14900	0.17	0.04	3	0.46	45	0.21	15est

REDUCTION TABLE. R.P.M. (NO LOAD)

SUPPLY VOLTAGE	1.5v	3v	SUPPLY VOLTAGE	6v
951D101	800	1600	951D101/6V	1800
951D291	276	552	951D291/6V	621
951D601	133	267	951D601/6V	300
951D1021	78	157	951D1021/6V	176
951D2981	27	54	951D2981/6V	60

Note: Motor speeds may vary by (+) or (-) 12.5%

WEIGHT (1.5 - 3v)	
951D101	10g
951D291	10g
951D601	10g
951D1021	10g
951D2981	10g

WEIGHT (6v)	
951D101/6V	10g
951D291/6V	10g
951D601/6V	10g
951D1021/6V	10g
951D2981/6V	10g

GEARED MOTOR TORQUE RATINGS AT MAX. EFFICIENCY.

	At 3v (g.cm)	At 6v (g.cm)
10:1	16	24
29:1	64	85
60:1	79	119
102:1	135	202
298:1	352	527

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

NOTE: To establish Torque Rating in Nm, divide g.cm by 10,197.0

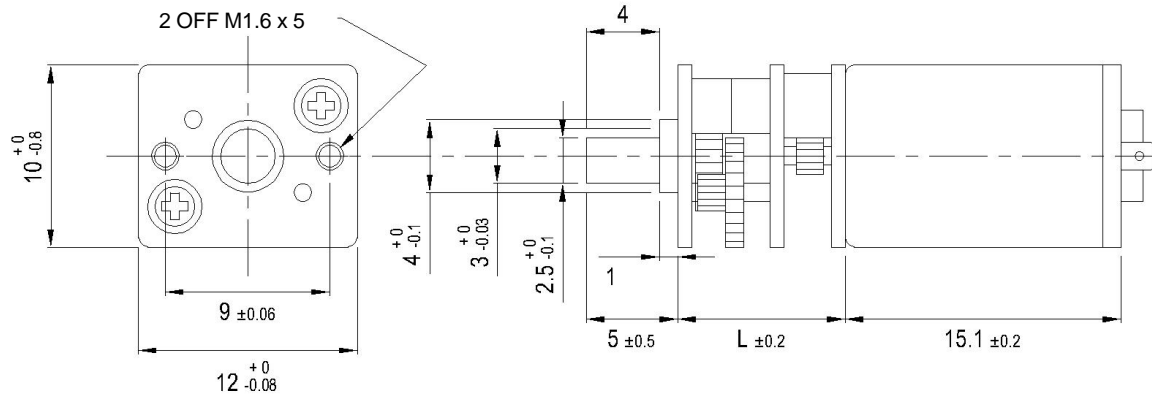
IMPORTANT NOTICE

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.

IMPORTANT NOTICE

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 12mm dia. SPUR SUB MINIATURE GEARED MOTOR



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 PAGE.

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