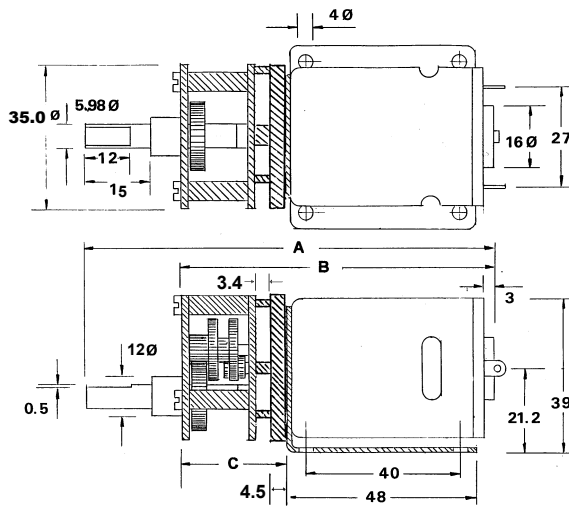


# 919D SERIES 35mm SINGLE RATIO METAL GEARBOX

(RE 540/1 MOTOR)

## GEARBOX DIMENSIONS



GEARBOX REF.	A	B	C
919D2.5:1	97	72	21
919D61 (6:1)	96	71	20
919D111 (11:1)	96	71	20
919D501 (50:1)	101	76	25
919D1001(100:1)	101	76	25
919D1481(148:1)	104	79	28
919D5001(500:1)	106	81	30
919D8101(810:1)	106	81	30
919D3000:1	109	84	33

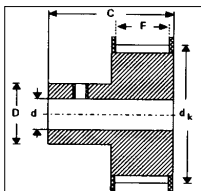


**Part No. 1071.**  
M3 Anti vibration mount.  
**Part No. 1072**  
M4 Anti vibration mount.



**Part No. 919D30**  
Bearing Blocks. 5mm I.D.  
(19.06 x 19.0mm x 10mm)  
**Part No. 919D30/1**  
Bearing Blocks. 6mm I.D.  
(15.87 x 19.0mm x 12.5mm)  
**Part No. 919D30/2**  
Bearing Blocks. 8mm I.D.  
(19.0 x 19.0mm x 13.0mm)

## TIMING PULLEYS



## TIMING BELTS



## FOR FURTHER DETAILS SEE PAGE. 2

Part No. 919D7 - 14. Timing Pulleys.

Pt. No.	No. of teeth	d	dk	F	C	D
919D7/10	10	3	15.05	12	21.0	10
919D7/12	12	3	18.25	12	21.0	12
919D7	14	4	21.45	12	21.0	12
919D8	16	4	24.60	12	21.0	15
919D9	20	4	31.00	12	21.0	15
919D10	25	4	39.00	12	21.0	15
919D11	30	4	46.95	12	21.0	15
919D12	35	4	54.85	12	21.0	15
919D13	40	4	62.85	12	21.0	15
919D14	44	4	69.20	12	21.0	15

Please note.  
Dimension 'd'  
is an industry  
standard 4mm  
pilot hole. You  
will need to en-  
large this to the  
size you re-  
quire.

Part No. 919D15 - 23. Timing Belts.

Pt. No.	Length (Circum)	Width
919D15	165	9.8
919D16	185	9.8
919D17	200	9.8
919D18	305	9.8
919D19	390	9.8
919D20	455	9.8
919D21	545	9.8
919D22	630	9.8
919D23	840	9.8

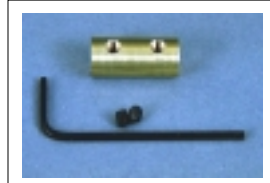
Part No. 919D29

Double ended motor mount.



**Part No. 919D26**

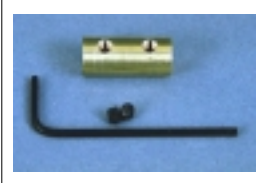
Stainless Steel shaft 5mmOD x 150mm  
**Part No. 919D26/1**  
Stainless Steel Shaft 6mmOD x 150mm  
**Part No. 919D26/2**  
Stainless Steel Shaft 8mmOD x 150mm



**Pt No. 919D1.** In-Line Coupling. 6mm - 6mm.(Dia. 12.67mm x 24.8mm)



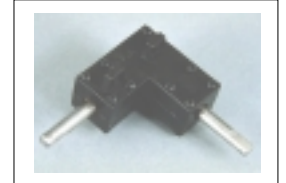
**Pt No. 919D2.** Voltage Regulator.(6-15v DC Input. 4v-12v out-put). 26mm x 31mm x 15.5mm



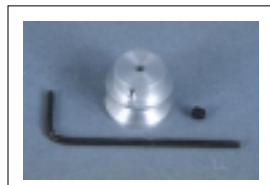
**Pt No. 919D1/2.** In-line Coupling.6mm-8sw (Meccano) Dia. 12.67mm x 24.8mm



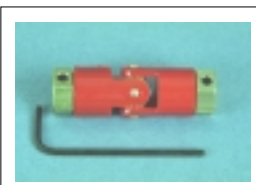
**Pt No. 919D4.** Pulley 25mm dia. (Aluminium)



**Pt.No.919D24.** Bevel Gearbox. (Right Angle)



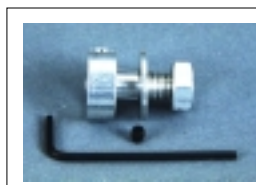
**Pt No. 919D5.** Pulley 16mm dia. (Aluminium)



Universal Couplings. 12.5mm dia. 44mm length.**Pt No. 1105/60.** 6mm - 6mm.**Pt.No. 1105/56** (6mm-5mm) **Pt. No. 1105/53** (6mm-4mm)



**Pt No. 917D2515.** "O" Ring 70mm x 5mm Dia.



**Pt No. 919D27.** Gear Adapter. 6mm bore. M10 thread.



**Pt No. 919D25.** Nylon Bevel Gears 1:1. OD30.7mm ID 6mm

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 10:1 WITH 540/1 MOTOR  
GEARBOX 70:1 WITH 540/1 MOTOR  
GEARBOX 120:1 WITH 540/1 MOTOR  
GEARBOX 300:1 WITH 540/1 MOTOR  
GEARBOX 500:1 WITH 540/1 MOTOR  
GEARBOX 900:1 WITH 540/1 MOTOR

GEARBOX 18:1 WITH 540/1 MOTOR.  
GEARBOX 75:1 WITH 540/1 MOTOR.  
GEARBOX 180:1 WITH 540/1 MOTOR  
GEARBOX 350:1 WITH 540/1 MOTOR  
GEARBOX 600:1 WITH 540/1 MOTOR  
GEARBOX 1000:1 WITH 540/1 MOTOR

GEARBOX 30:1 WITH 540/1 MOTOR.  
GEARBOX 90:1 WITH 540/1 MOTOR.  
GEARBOX 200:1 WITH 540/1 MOTOR  
GEARBOX 400:1 WITH 540/1 MOTOR  
GEARBOX 700:1 WITH 540/1 MOTOR  
GEARBOX 1500:1 WITH 540/1 MOTOR

GEARBOX 60:1 WITH 540/1 MOTOR  
GEARBOX 100:1 WITH 540/1 MOTOR  
GEARBOX 250:1 WITH 540/1 MOTOR  
GEARBOX 450:1 WITH 540/1 MOTOR  
GEARBOX 750:1 WITH 540/1 MOTOR