



# Steel geared low cost DC motor gearheads

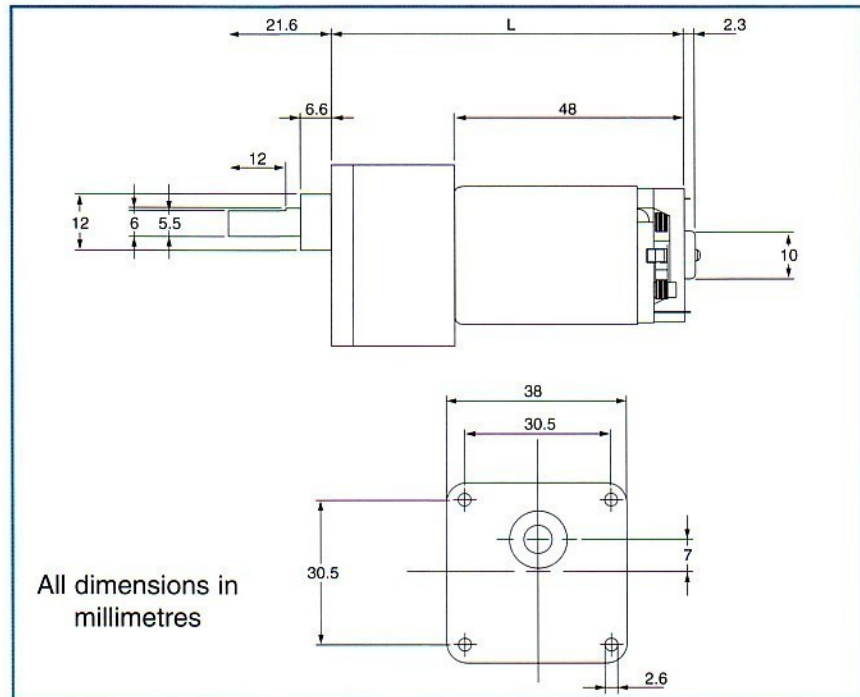
The 2947/GS38 is a combination of a low cost DC motor and steel geared gearheads that provide a powerful and cost effective drive solution for small motor systems.

The 2947 motor is supplied in 12 and 24V versions and the GS38 gearhead has a choice of nine ratios from 6:1 through to 900:1. The maximum continuous torque is over 600mNm.

Stocked in large numbers at our headquarters in Winnersh, Berkshire, the 2947/GS38 is available on short delivery times in both prototype and production quantities.

Applications will include small pumps, factory equipment, CCTV cameras and similar projects.

Radial play 5mm from bearing <0.1mm  
 Axial play 0.03-0.2mm  
 Max perm radial load 5mm from bearing 50N  
 Max perm axial load 30N



Type	Voltage(V)	Ratio	*Output Rotation	Length (L) (mm)	Maximum Torque (mNm)	Nominal No load speed rev/min	Nominal No load current mA
2947-12-0006	12	6:1	CCW	68.70	30	790	80
2947-24-0006	24			68.70		790	40
2947-12-0010	12	10:1	CCW	68.70	50	475	70
2947-24-0010	24			68.70		475	40
2947-12-0018	12	18:1	CW	71.20	70	260	70
2947-24-0018	24			71.20		260	40
2947-12-0030	12	30:1	CW	71.20	100	155	75
2947-24-0030	24			71.20		155	40
2947-12-0060	12	60:1	CW	73.70	200	80	75
2947-24-0060	24			73.70		80	40
2947-12-0100	12	100:1	CCW	73.70	300	47	75
2947-24-0100	24			73.70		47	40
2947-12-0200	12	200:1	CW	76.50	600	23	70
2947-24-0200	24			76.50		23	45
2947-12-0500	12	500:1	CCW	79.00	600	9	75
2947-24-0500	24			79.00		9	40
2947-12-0900	12	900:1	CCW	79.00	600	5	80
2947-24-0900	24			79.00		5	45

\* The motors are bidirectional; the rotation listed is achieved with positive supply connected to +ve terminal on motor.

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