

DC Worm Geared Motor **CCW030**

- Rated output speeds from 30 to 600rpm.
- Output torque up to 41Nm.
- High load capability on output shaft.
- All metal gears for long service life.
- Ball Bearings on output shaft.
- 2 motor sizes available.
- Hollow or solid output shafts available.
- 24V DC brushed motor standard, 12V available.
- Ratios other than listed available to special order.
- Encoder optional on both motors.



The **CCW030** is the second smallest in the Worm Gearbox range available from Cobalt Controls Ltd. It is offered with a choice of two DC Motors, C10 and C18 each rated at 24 or 12 Volts DC.

The standard output is a 14mm diameter hollow shaft and single or double sided solid shafts are also available. The die cast aluminium gearbox housing has been designed for maximum flexibility with twenty possible positions for mounting bolts.

All gearboxes are pre-filled with synthetic oil, are maintenance free and can be mounted in any position.

Motors are Low Voltage DC Brushed Permanent Magnet and offer high starting torque. Shafts are supported on Ball Bearings and Totally Enclosed construction is used.

Worm gearboxes are normally the most economically priced of all gearbox types and are mechanically robust.

Standard Versions:									
Motor:	Rated Values:				Output Shaft:		Motor Body Length E (mm):	Protection:	Mass (kg):
	Output Speed (rpm):	Output Torque (Nm):	Motor current (A):	S2 Full Load Time (minutes):	Max Radial Load (N):	Max Axial Load (N):			
C10	600	1.90	8.4 (24V) 16.80 (12V)	25	600	120	157	IP44	3.9
	300	3.70							
	200	5.40							
	100	9.60							
	60	13.90							
	30	22.30							
C18	600	3.60	15.0 (24V) 30.0 (12V)	25	600	120	189	IP44	4.6
	300	7.00							
	200	10.10							
	100	17.80							
	60	25.80							
	30	41.50							

