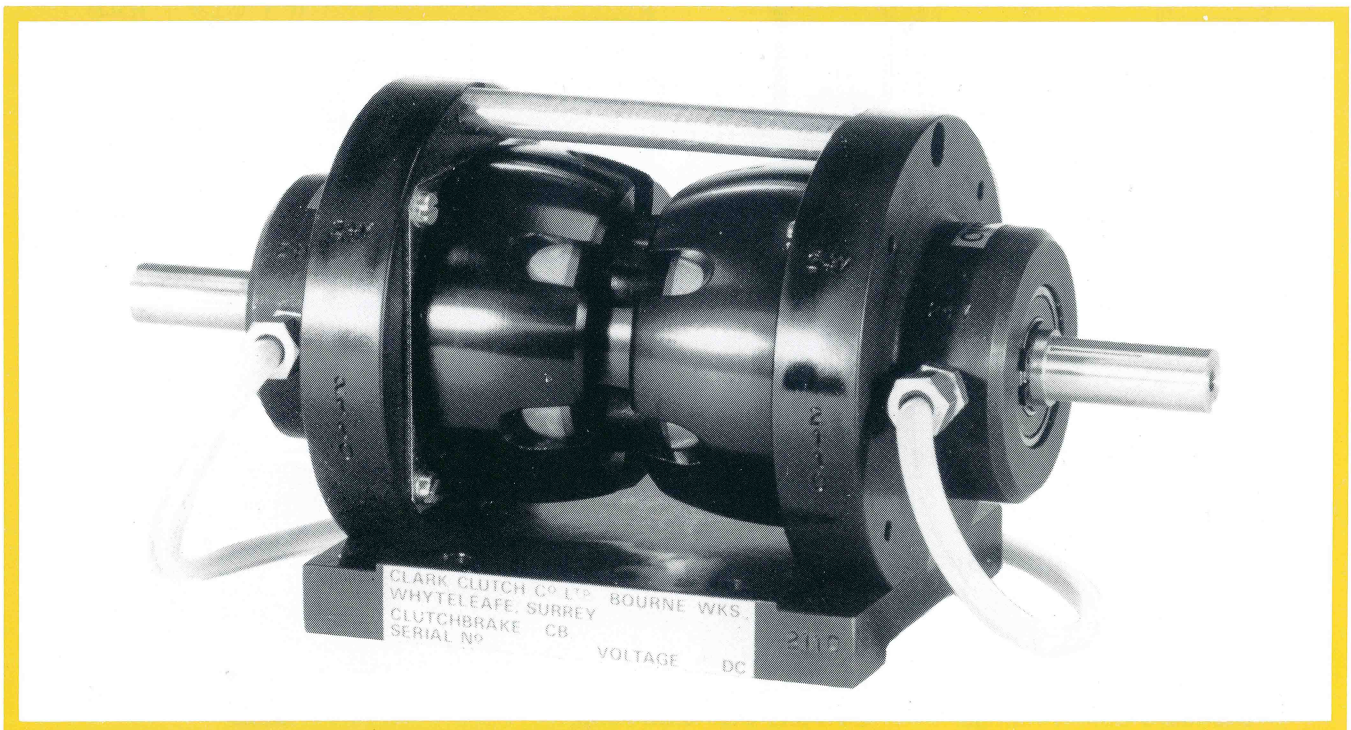


ALL
BRITISH
COMPANY

**COMPOSITE
ELECTROMAGNETIC
CLUTCHBRAKE**

DATA
SHEET
MODEL
CB 250

- TORQUE 5.6 Nm. (50lb.ins.) MAXIMUM.
- UP TO 1/2 H.P. AT 1440 R.P.M.
- CYCLE RATES CAN EXCEED 10,000 STARTS/STOPS PER HOUR WHERE LOAD INERTIA PERMITS.
- FULLY SELF-ADJUSTING NO MAINTENANCE REQUIRED.
- CHOICE OF SHAFT DIAMETERS 1/2" or 12mm.



The **Clark Composite Clutchbrake** unit is a combination assembly of the well proven **Clark** model 250 **Clutch and Brake**. Integral **input** and **output** shafts running in substantial sealed bearings reduce fitting to the ultimate in simplicity and low cost. The unit requires **no maintenance** and is entirely **self-adjusting**.

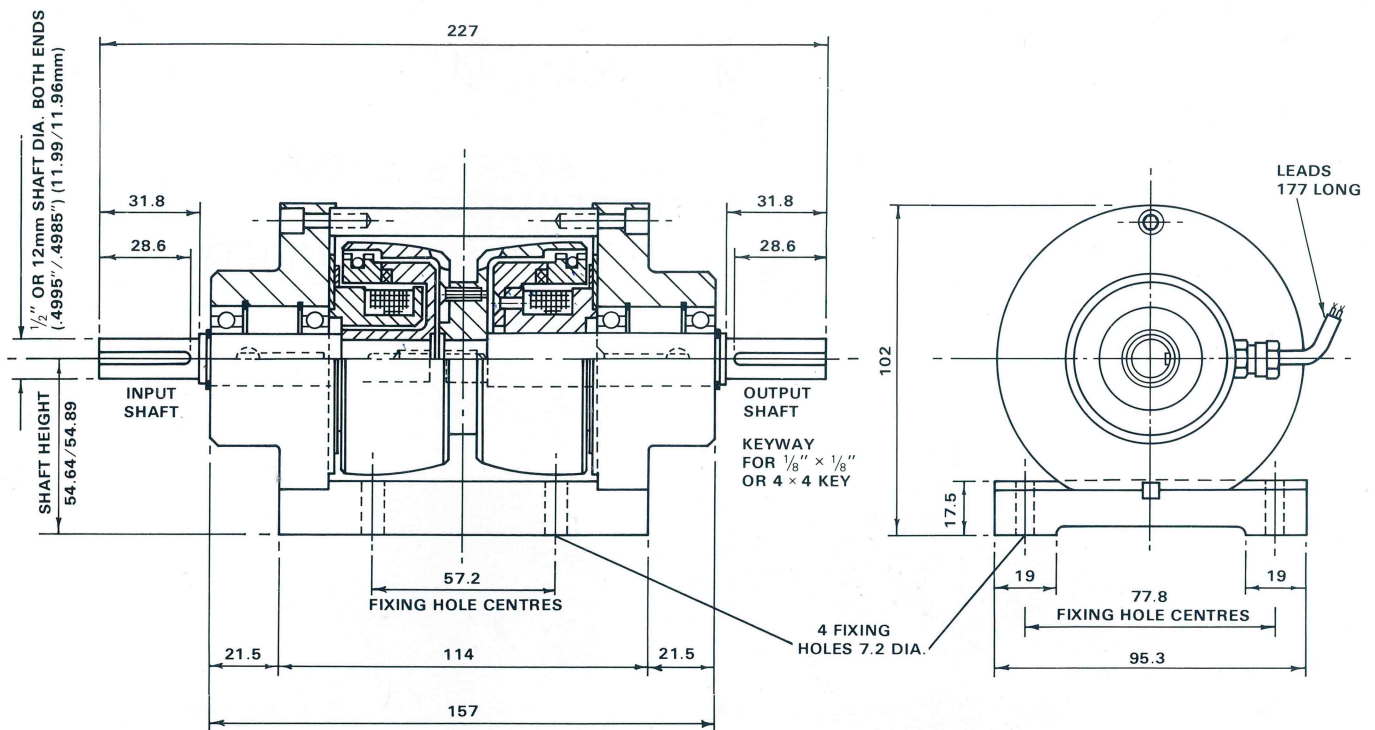
The Clutch and Brake torque may be fixed at maximum or preset to a reduced value. For exceptionally smooth starting, the **Clark Power Unit type 42SR** incorporates an inexpensive "**Silkstart**" electronic control which raises the **clutch** voltage from zero to 24V over a period which can be preset at between 1/4 second and 10 seconds. "**Boost**" circuits can provide very high acceleration and stopping rates i.e. for high cycle rate indexing drives.

Comprehensive applications advice from address overleaf.

DATA SHEET
MODEL CB 250

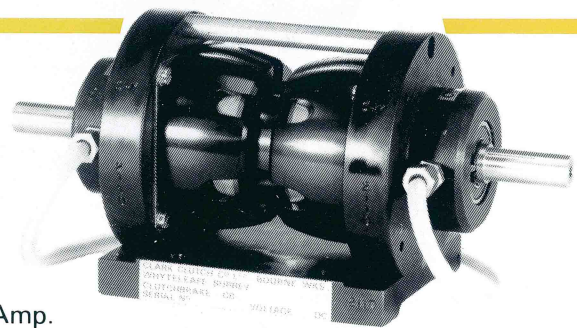
COMPOSITE ELECTROMAGNETIC CLUTCHBRAKE

ALL BRITISH COMPANY



General Specification

Maximum Static Torque	:	5.6 Nm (50lb. ins.).
Maximum Speed	:	8,000 r.p.m.
Standard Coil Windings	:	24 Volts D.C. 0.38 Amp. 64 Ohms. Continuously rated.
Other Voltages available	:	6, 12, 50, 90 Volts D.C.
Weight	:	2.72 Kg. (6lb)
Maximum Heat Dissipation (Slipping)	:	
Input Speed	0-500 r.p.m. :	1320 Nm/min (970 ft.lb/min)
	1000 r.p.m. :	2000 Nm/min (1475 ft.lb/min)
	1500 r.p.m. :	2450 Nm/min (1805 ft.lb/min)
	3000 r.p.m. :	3070 Nm/min (2260 ft.lb/min)



CLARK ELECTRIC CLUTCH AND CONTROLS Ltd

28 Victory Park, Trident Close, Medway City Estate, Rochester, Kent, ME2 4ER

Tel.: +44 (0)1634 297408 Fax.: +44 (0)1634 739136 e-mail: sales@clarkelectric.co.uk