ALL
BRITISH
COMPANY

COMPOSITE ELECTROMAGNETIC

CLUTCHBRAKE

DATA SHEET MODEL CB 365

- **TORQUE 11.5 Nm. (100lb.ins.) MAXIMUM.**
- **UP TO 1 H.P. AT 1440 R.P.M.**
- **CYCLE RATES CAN EXCEED 6,000 STARTS/STOPS PER HOUR WHERE LOAD INERTIA PERMITS.**
- **FULLY SELF-ADJUSTING NO MAINTENANCE REQUIRED.**
- **20mm DIAMETER INPUT AND OUTPUT SHAFTS.**

The **Clark Composite Clutchbrake** unit is a combination assembly of the well proven **Clark** model 365 **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 1024/2R** incorporates an inexpensive **"Silkstart"** electronic control which raises the **clutch** voltage from zero to 24V over a period which can be preset at between ¼ 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.

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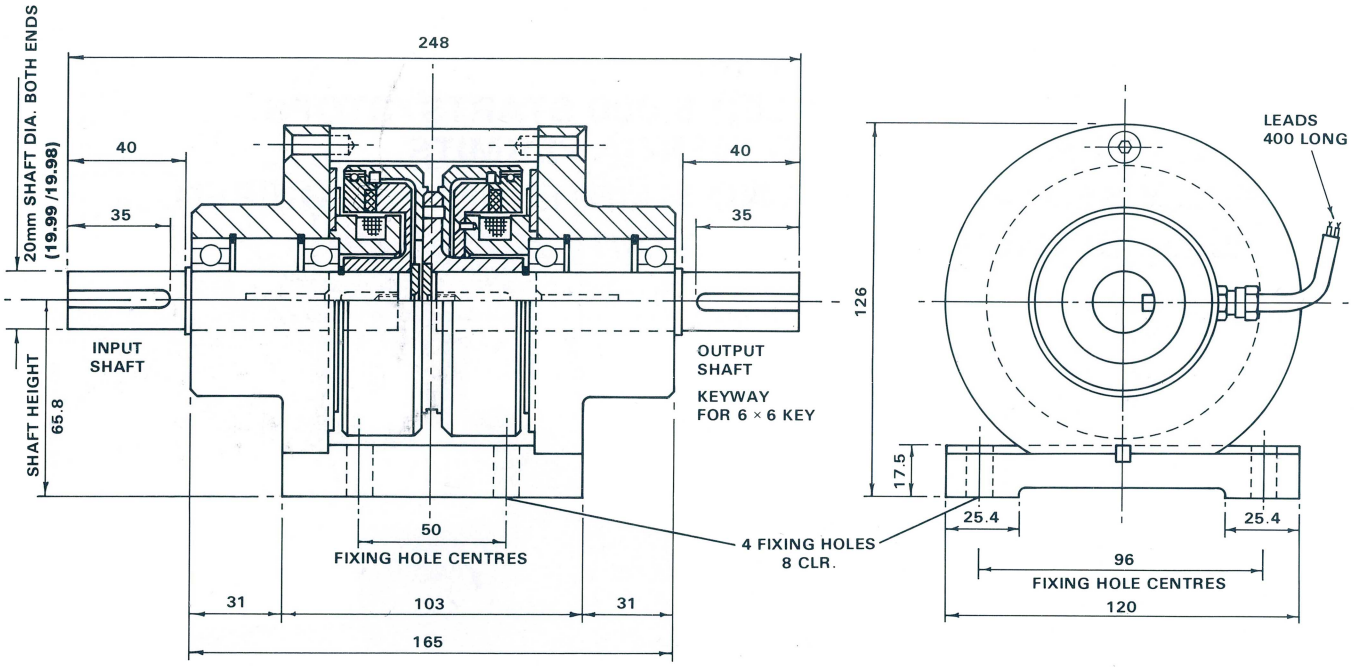

General Specification

Maximum Static Torque	:	11.5 Nm (100lb. ins.).
Maximum Speed	:	6250 r.p.m.
Standard Coil Windings	:	24 Volts D.C. 0.63 Amp. 38 Ohms. Continuously rated.
Other Voltages available	:	6, 12, 50, 90 Volts D.C.
Weight	:	4.75 Kg. (10.5lb)
Maximum Heat Dissipation (Slipping)		
Input Speed 0-500 r.p.m.	:	1707 Nm/min (1255 ft.lb/min)
1000 r.p.m.	:	2560 Nm/min (1880 ft.lb/min)
1500 r.p.m.	:	3123 Nm/min (2296 ft.lb/min)
3000 r.p.m.	:	4060 Nm/min (2985 ft.lb/min)

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