

**Motor 2d - MSC 33.3:1 Gearbox**

E3-A. Drg 2d 9/85

Shown fitted to a Crailcrest motor.

Motor details: Nominal voltage - 12 volts. No load speed - 6240 rpm. Stalled current - 1.6 amps. Stalled torque - 325 gram cm.

Gearbox: Efficiency - 20% (Worm end thrust taken by motor bearings). Driving axle speed - 187 rpm.

Comment: This combination of motor and gearbox gives a low top speed but a high tractive effort suitable for the most powerful freight locomotives.

Data Source: Guild Bench test.

Available from MSC Models Ltd, 1 Malvern Road, Hampton, Middlesex TW12 2LN.

