

Motor 9 - LEAKEY IMP

E3-A. Drg9 9/85

DC permanent magnet motor/gearbox unit manufactured by DM Leakey.

3-pole armature - replaceable Carbon brushes. Motor and gearbox shafts carried in enclosed ball races. Nominal voltage - 12 volts. No load speed (motor) - 5400 rpm. Stalled current - 1.7 amps. Stalled torque - 375 gram cm. Gearbox ratio - 24:1. Efficiency - 23% (Worm end thrust taken by ball races). Driving axle speed - 225 rpm.

Comment: This unit has a good tractive effort but is limited in its top speed. Suitable for most of the medium to large freight locomotives.

Data Source: Guild bench test.

Available from DM Leakey, 7 Camplin St, New Cross, London SE13 8JX.

