

**Motor 5 - SLATER'S MICRODRIVE**

E3-A. Drg 5 9/85

Manufactured by Slaters.

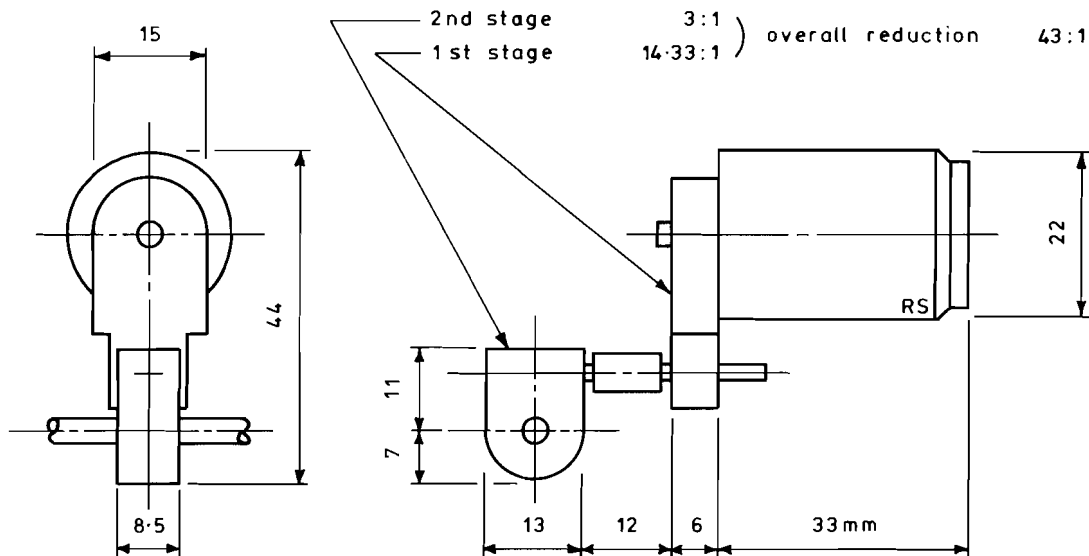
Motor details: Nominal voltage - 12 volts. No load speed - 8500 rpm. Maximum recommended current - 0.25 amps. Maximum recommended speed - 8000 rpm. Stalled torque - 168 gram cm.

Gearbox details: This consists of two separate sections. The first section spur gearbox has 14.3:1 reduction with an efficiency of 73%, and the second section skew gearbox has a 3:1 reduction with an efficiency of 75%. Overall reduction - 43:1. Overall efficiency - 55%. Driving axle speed - 198 rpm.

Comment: This combination gives a very high tractive effort but a low top speed. Suitable for heavy freight locomotives only.

Data source: Manufacturer's data sheet.

Available from Slaters, Temple Road, Matlock Bath, Derbyshire.



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