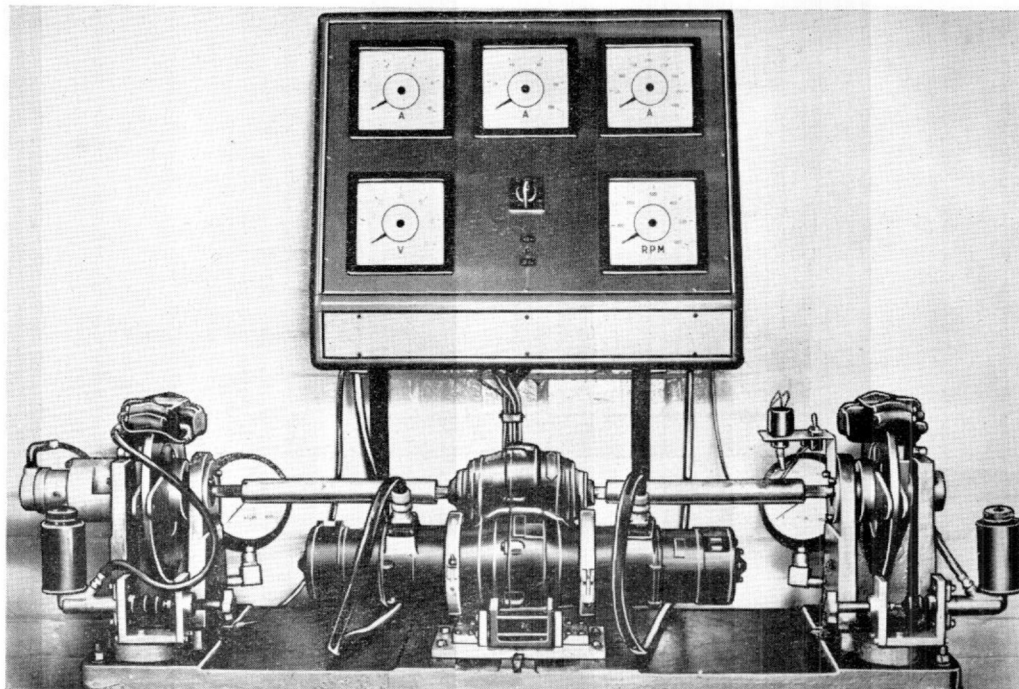


DOUBLE ROTARY ACTUATOR TEST RIG



Ref. No. Test rig, 5G/3262

Test panel, 5G/3263

Dimensions

Test rig base 4 ft. 7 in. × 1 ft. 6 in.

Test panel 2 ft. 5½ in. × 2 ft. × 12¾ in.

Associated publication A.P.4343S, Vol. 1, Sect. 15, Chap. 5

BRIEF DESCRIPTION

The test rig consists of a metal base in the centre of which provision is made for the fitting of mounting blocks to suit various types of double rotary actuators. Hydraulic loading units, each fitted with a torque meter, are located at the ends of the base and are coupled to the output shaft of the actuator under test by driving adaptors supplied with the rig.

A tachometer generator, driven by one of the loading units, is connected to an indicator on the test panel which also houses three ammeters, of ranges 0-10, 0-100 and 0-400 amperes respectively; 0-30/0-120 voltmeter together with its range switch and an actuator control switch. The latter switch controls the power supply to the actuator under test and also acts as an ammeter range selector switch for both directions of actuator rotation.

Both the test rig and panel are designed for bench mounting but the panel may be adapted for fitting to a wall as shown in the illustration.

RESTRICTED