

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Ball Valve Actuator Torque Testing Equipment		
Date created	10 December 2010	Project Number	Q2036

INTRODUCTION & APPLICATION

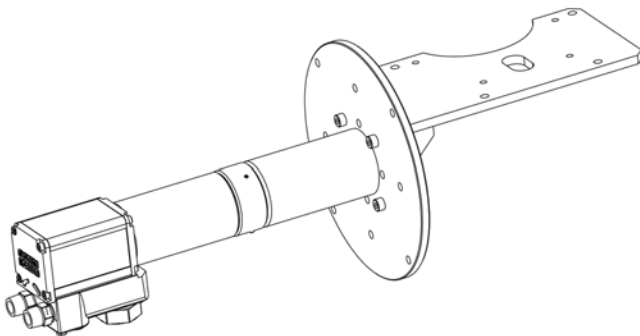
Oil & gas ball valve manufacturer required torque actuating / testing equipment to check the operation of a range of valve actuation reduction gearboxes.



SOLUTION

Pneutorque PT 500 remote # 18031 with special adaptor / torque reaction to fit the range of valve actuator input shafts and bodies. The Pneutorque is fitted with an annular torque transducer # 50666.IND that is connected via a transducer lead to a TTT torque instrument.

The valve actuator is driven from stop to stop by the Pneutorque and the torque required is monitored via the TTT instrument.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

The special adaptor input has a serrated bore to suit the Pneutorque standard reaction mounting, and the output has multiple mounting holes for bolting to the family of actuators. An angle bracket is used for fixing to actuators that only have mounting bolts on the top face. Tool torque range 90 – 500 N.m.