

Product Name :
Maintenance of Valves and Fittings and Actuators

Product Code :
AR154



Description :

Maintenance of Valves and Fittings and Actuators

Technical Specification :

Maintenance of Valves and Fittings and Actuators

A distinction is made between valves, plug valves, gates and butterfly valves. Plug valves isolate a pipeline quickly, acting transverse to the flow. A quarter revolution is sufficient for full actuation. Valves adjust the flow rate and require several turns of the spindle for full opening or closing.

Gates are not intended to seal off the pipeline completely, but serve to restrict the flow. When one of these valves and fittings is combined with a driving mechanism, the resulting control device is known as an actuator.

Maintenance work on industrial valves and fittings

Pneumatic Control valve with electro-pneumatic positioner

Butterfly valve with swivel drive

Pressure reducing valve

Segmented ball valve with swivel drive

2 compressed air ranges, adjustable by fine pressure regulator

Instrumentation: analogue pressure meter, digital ammeter and voltmeter

Electric signal transmitter for positioner in the form of an adjustable current source

The trainer forms part of the assembly, maintenance and repair training line

Technical Data:

Pneumatic swivel drive

Single-action with spring return

Measuring ranges

Pressure (bourdon tube manometer)
0...1,0bar (D=160mm)
0...1,6bar (D=60mm, fine pressure regulator)
0...2,5bar (D=250mm)
0...6,0bar (D=60mm, fine pressure regulator)
Differential pressure: 0...10kpa
Current (digital display): 0...20ma
Voltage (digital display): 0...20vDC
230V, 50Hz, 1 phase

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