

Piston Actuators

for Diaphragm Valves

Range of application

Type B, straight and angle patterns, with flange connection DN 15 to 300.
 Type B, straight pattern, with screwed pipe connection DN 8/10-50.
 Type FD, full bore type, with flange connection DN 15 to 200.

Materials

Intermediate bonnet and cylinder cover of lamellar cast iron EN-JL1040¹⁾, cylinder of aluminium with HC-coating (cylinder dia. 350 and larger of Duroplast, steel-sheathed), piston rod of stainless steel, piston with cup collar of NBR, connecting bolts of steel.

Design

Double acting piston actuator for pneumatic or hydraulic operation. Closing and control is carried out by means of the supply medium (see fig. 1).

Single acting piston actuator with opening spring for pneumatic or hydraulic operation. The valve is closed by the supply medium and opened by spring force (see fig. 2).

Single acting piston actuator for pneumatic or hydraulic operation. The valve is closed by spring force and opened by the supply medium (see fig. 3).

All piston actuators are equipped with a travel stop which serves at the same time as mechanical position indicator.

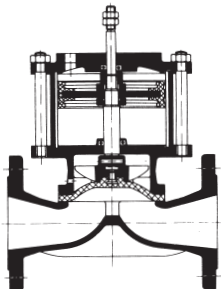


Fig. 1

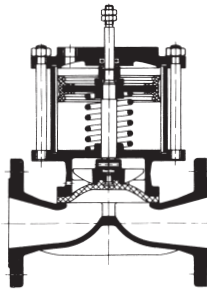


Fig. 2

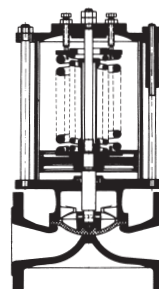


Fig. 3

Note: When placing the enquiry or order, please specify:
 working and supply pressure, kind of actuator and supply medium.

Additional units and/or additional equipment see Accessory for ERHARD Diaphragm Valves with piston actuator, catalogue sheets 9303 1020, pages 10-13.

¹⁾ Corresponding to former DIN description 0.6125 (GG-25).