

econex



**COMPONENTS AND ACCESSORIES
FOR GAS COMBUSTION SYSTEMS**



Series AB1



Series AR2



Series S



ELECTRIC ROTARY GEAR MOTORS

Compact and sturdy construction for use in residential and industrial control systems. Available in on/off or modulating type, for the control of butterfly valves, dampers or other regulatory devices of fluid on installations of heating furnaces and air conditioning. Torques from 3 Nm, to 20 Nm, till 180 Nm. Adjustable rotation angle 0-90°.

Rotation time : 7,5 up to 120 seconds.

Supply voltage : 24, 115, 230 V A.C./50-60Hz

Wide range of executions and mechanical or electric accessories including electronic positioner to accept 4-20 mA, 0-10 V input signals, etc.



Series MPV...S1



Series MDV...B1



Series MDV...D1



MODULATING LINEAR CONTROL VALVES

Suitable for the modulating regulation of proportional flow of 1st, 2nd and 3rd family gases and air, in industrial combustion plants. DVGW approved to EN 161 with Product-ID-Number and EC type examination certificate. Linear rating with 25:1 control ratio.

Available with threaded flanges from 1 to Rp 2 and flanged body DN 50, DN 65, DN 80 to DN 100. Maximum pressure 1 bar.

Supply voltage: 24, 115, 230 V A.C. /50-60Hz.

Available in several electric executions and with electronic positioner to accept 4-0 mA, 0-10 V input signals.



Series BSV



Series BFV



BUTTERFLY VALVES

Motorized or manual operation. For 1st, 2nd and 3rd family gases, as well as air. DVGW approved to EN 161 with Product-ID-Number and EC type examination certificate. Die-cast aluminium body. Threaded flange from Rp 3/4 to Rp 2 for the BSV series and type between 2 flanges from DN 25 to DN 200 and DN 250 for the BFV series. Possibility of DN reduction by 1 or 2 diameters. Maximum 300 mbar. Maximum temperature 200 ° C. Wide range of levers and couplings available. Locking capability.



Serie BSV/AB1



Serie BFV/AB1



Serie BFV/AR2



Serie BFV/AP



MOTORIZED BUTTERFLY VALVES

Suitable for the modulating regulation of 1st, 2nd and 3rd family combustible gases and air. Direct coupling between electric, electronics and/or pneumatic actuators and the valves or indirect coupling through adjustable levers. Control ratio 10:1.

Aluminium body with threaded flange from Rp 3/4 to Rp 2 for the BSV series and type between 2 flanges from DN 25 to DN 250 for the BFV series.

Maximum pressure: 300 mbar. Maximum temperature: 200° C.

Supply voltage: 24, 115, 230 V A.C. / 50-60 Hz.

Available in several electric executions and with electronic positioner to accept 4-20 mA, 0-10 V input signals.



Series SVB



Series SVS...S00



Series SVS...M01



Series SVA...DN

SAFETY SHUT-OFF VALVES QUICK OPENING

Automatic shut-off valves for controlling 1st, 2nd and 3rd family gases, as well as air. Suitable for residential and industrial gas burners and gas appliances. DVGW approved to EN 161 with Product-ID-Number and EC type examination certificate. Class A, Group 2. Direct action. Quick opening/closing with/without maximum flow adjustment. Power supply: 24, 115, 230 V A.C. / 50-60Hz. Brass and die-cast aluminium bodies. Max. pressure: 1000 mbar. Sizes from Rp 3/8 to Rp 2 and DN 65, DN 80 to DN 100.



Series SVS...M00



Series SVS...M01

SAFETY SHUT-OFF VALVES SLOW OPENING

Automatic shut-off valves for controlling 1st, 2nd and 3rd family gases, as well as air. Suitable for residential and industrial gas burners and gas appliances. DVGW approved to EN 161 with Product-ID-Number and EC type examination certificate. Class A, Group 2. Direct action. Adjustable slow opening/quick closing with/without maximum flow adjustment. Supply voltage: 24, 115, 230 V A.C. / 50-60Hz. Die-cast aluminium body. Max. pressure: 1000 mbar. Sizes from Rp 1/2 to Rp 2.





Series MRVB



Series MRVA

MANUAL RESET SHUT-OFF VALVES

Safety shut-off valves for controlling 1st, 2nd and 3rd family gases, as well as air. DVGW approved to EN 161 with Product-ID-Number and EC type examination certificate. Class A, Group 2. Quick closing upon any break of electric power and opening by manual reset. Brass and aluminium bodies. Sizes from Rp 1/2 to Rp 2. Supply voltage: 24, 115, 230 V A.C. / 50-60Hz. Max. pressure: 500 mbar.



Series GD



Series GDH



Series GD/S



Series GD/P

BUTTERFLY VALVES FOR HIGH TEMPERATURE

Suitable for use in industrial installations for the regulation of hot air or exhaust combustion gases to temperatures up to 350° C, 450° C, 550° C and over (600° C to 1000° C). Available from DN 15 to DN 2000. Equipped with: free tree, locking manual lever, electric, electronics and/or pneumatic actuators.



COMPONENTS AND ACCESSORIES FOR GAS COMBUSTION SYSTEMS

Gas filters • Gas pressure governor • Gasmeter • Dial pressure gauges

Manual pressure cocks with discharging • Stainless steel compensators

Stainless steel flexible joints for gas • Gas and air ball valves, DVGW approved

Levers and couplings for butterfly valves and dampers control • Ignition transformers

Gas pressure reducer • Butterfly valves for gas with internal seat • Pressure switches

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