# Rotary actuators with ball valve
**Brass ball valves with actuator double acting**

| Standard executions | | | |
|---|---|---|---|
| Version | Symbol | Code | Item |
| 1/2” | | 811001 | VSO2012DE |
| 3/4” | | 811002 | VSO2034DE |
| 1” | | 811003 | VSO2100DE |
| 1 1/4” | | 811004 | VSO2114DE |
| 1 1/2” | | 811005 | VSO2112DE |
| 2” | | 811006 | VSO2200DE |

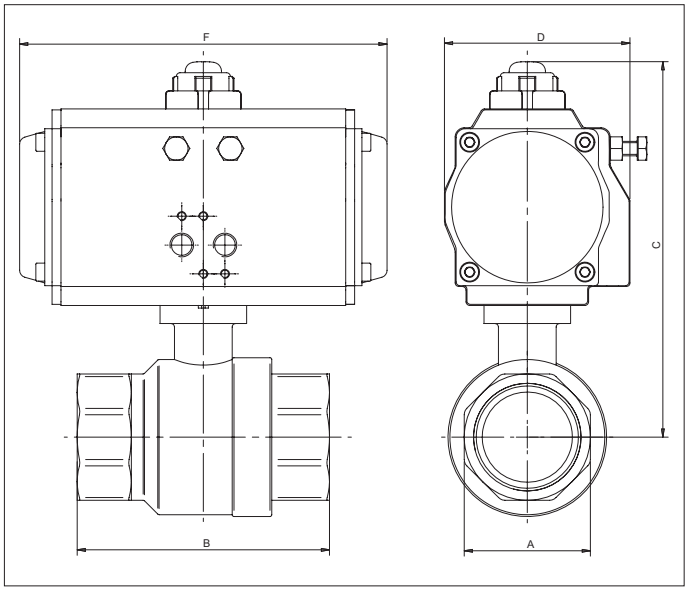
Series of brass ball valves “full bore” with rotary actuator double acting.

For actuator features see page 2.430.10.
For NAMUR solenoid valve see page 2.88,1.
For actuator mounting accessories see page 2.431.30.



**II 2Gc IIC T6**
**II 2Dc T85°C**

Manufactured according to 2014/34/EU - **ATEX**




| Size | A | B | Ø actuator | C | D | F |
|---|---|---|---|---|---|---|
| G1/2 | 26 | 75 | 32 | 103 | 45 | 118 |
| G3/4 | 32 | 80 | 32 | 105,5 | 45 | 118 |
| G1 | 41 | 90 | 40 | 124 | 65 | 120 |
| G1 1/4 | 50 | 110 | 40 | 135 | 65 | 120 |
| G1 1/2 | 55 | 120 | 52 | 153,5 | 71,5 | 147 |
| G2 | 70 | 140 | 63 | 180,5 | 83 | 168 |

| Technical data | | | | | | |
|---|---|---|---|---|---|---|
| Fluid | Compressed air, water, inert gases and non-aggressive fluids | | | | | |
| Pressure range | 40 bar | | | | | |
| Temperature range | -20 °C ÷ + 130°C | | | | | |
| Orifice | 1/2”= 15 mm | 3/4”= 20 mm | 1”= 25 mm | 1 1/4”= 32 mm | 1 1/2”= 40 mm | 2”= 50 mm |
| Flow | 1/2”= 11.500 l/min | 3/4”= 21.000 l/min | 1”= 33.000 l/min | 1 1/4”= 50.000 l/min | 1 1/2”= 84.000l/min | 2”= 97.000 l/min |
| Mounting | In-line | | | | | |
| Materials | Body: Nickel-plated brass<br>Ball: Chrome plated brass<br>Seals: PTFE - NBR | | | | | |