On/Off and Shut-off Valves

DCATLABO1215XEN2

Specifications

For other materials or modifications, please consult TESCOM.

FLUID MFDIA

For pure gases up to 6.0 (99,9999 Vol%) quality used for room and main shutoffs in pipe systems

OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

Nominal Width (mm) **D43129. D42528:** DN 8 Operating Pressure (bar) PN 40

Design

Flow Capacity: $C_V = 1.4$ D43129: Globe Style Valve D42528: Angle Style Valve

Temperature Range -4°F to 158°F / -20°C to 70°C



Body Material

Brass

Valve

Stainless Steel Poppet and Bellows

OTHER

Inlet/Outlet Connection **D43129:** G 3/8 female **D42528:** G 3/8 female

Weight

D43129: 1.3 lbs / 0.6 kg **D42528:** 0.9 lbs / 0.4 kg





D43129

TESCOM Metal Bellows Shut-off valve for high purity gases in Laboratory applications.

Applications

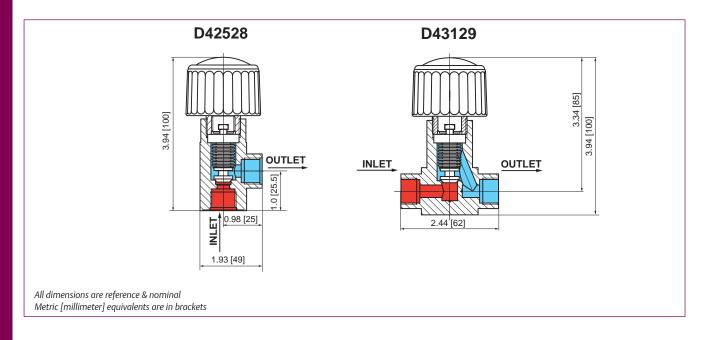
- Purity gas applications
- · High flow systems
- · Purging process
- · Used in main lines

Features and Benefits

- Full metal design prevents gas contamination
- Stainless Steel bellows and poppet
- Colored gas code on the handknob for easy identification
- · Oxygen cleaned
- Free of oil and grease

METAL BELLOWS SHUT-OFF VALVE

Metal Bellows Shut-off Valve Drawing



Metal Bellows Shut-off Valve Part Number Selector

Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.

Example for selecting a part number:

D43129	- AR -	11
BASIC SERIES	GAS TYPE LABELING ON HANDKNOB AND CAPS	CONNECTIONS
D42528 D43129	According to DIN EN 13792* AO – Oxygen and other gases Grey handknob and cap + gas label according to DIN EN 13792	00 – Female G 3/8
	*State type of gas when ordering. Standard color for handknobs is grey. Please ask for additional colors if needed.	Compression fittings in Brass/Stainless Steel are available; please refer to datasheet "Fittings"
Note: When selecting valves, t	the compatibility of the materials with the process gas must be verified.	

Accessories

PART NUMBER	DESCRIPTION	APPLICATION
D42556	Mounting plate	Wall mounting of D43129
V01699	Sealing ring Brass for G 3/8	For male swivel G 3/8 Brass
D50002	Sealing ring Cu for G 3/8	For male swivel G 3/8 Brass
D40582	Sealing ring Stainless Steel for G 3/8	For male swivel G 3/8 Stainless Steel

