

Specifications

For other materials or modifications, please consult TESCOM.

FLUID MEDIA

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

MEDIA CONTACT MATERIALS

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



D42528



D43129

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

Applications

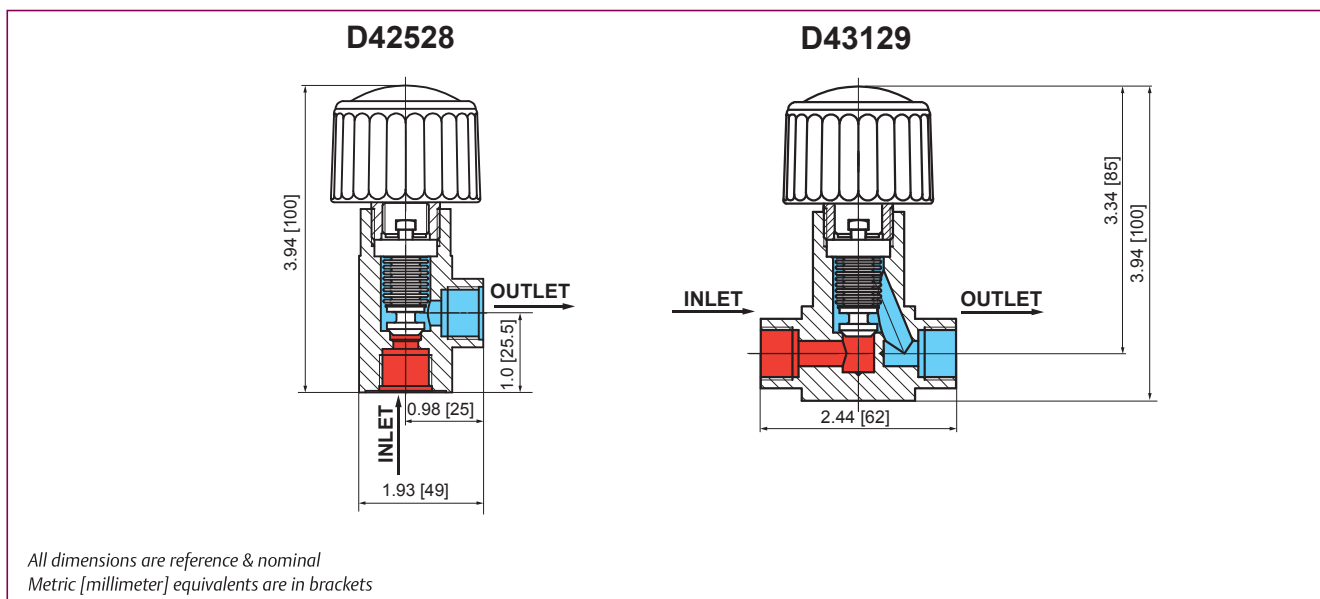
- Purity gas applications
- High flow systems
- Purging process
- Used in main lines

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	<p>According to DIN EN 13792*</p> <p>AO – Oxygen and other gases Grey handknob and cap + gas label according to DIN EN 13792</p> <p>*State type of gas when ordering. Standard color for handknobs is grey. Please ask for additional colors if needed.</p>		<p>00 – Female G 3/8</p> <p>Compression fittings in Brass/Stainless Steel are available; please refer to datasheet "Fittings"</p>	
Note: When selecting valves, 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