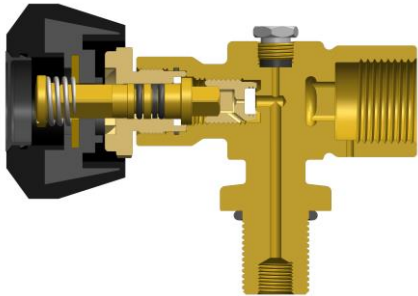


MBA-10/I

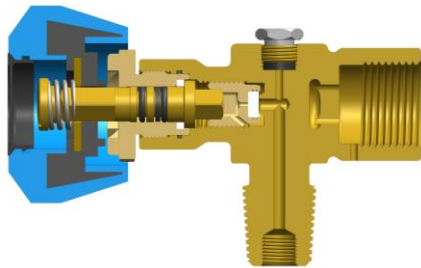
Side Handwheel Operated Valves in O-ring Seal Design



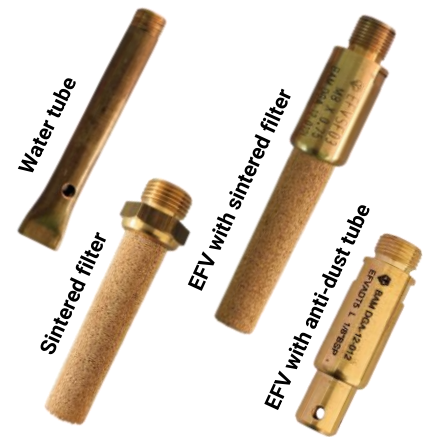
Cylinder Valves for Breathable Air (SCBA)



Valve with parallel inlet
(shown with Pressure gauge provision)



Valve with taper inlet
(shown with Pressure gauge provision)




Inlet Accessories

Design Specifications	
Minimum life	2000 cycles
Maximum working pressure (WP)	300 bar
Outlet connection	232 bar / 300 bar as per EN ISO 12209
Pressure relief device (PRD) ^a	CG-1
Pressure gauge provision ^a	1/8-28 BSP
Temperature range	-46 °C to +85 °C
Resistance to mechanical impact	120 J
Minimum closing torque	3 Nm
Gland nut installation torque	50 Nm
PRD installation torque ^a	9 Nm
EFV actuation pressure when cylinder valve is fully open	125 - 135 bar
Lubricant	Krytox GPL 225 / Gleitmo 599
Nickel chrome plated	Yes

a - Optional

Material of Construction	
Part	Material
Valve body	Forged HT brass
Upper & Lower spindle	Naval brass
Gland nut, Special nut & Retainer plug	Free cutting brass
Thrust washer & Seat insert	PA 66
Gland nut O-ring, O-ring, Back-Up ring & Inlet O-ring ^b	EPDM
Spring	SS 302
Handwheel (Blue / Black)	ø52.5 mm PA coated with FR Thermoplastic PU & brass insert
Burst disc	Nickel
Burst disc sealing washer	Copper

b - For parallel connection only

Compliance & Certification
<ul style="list-style-type: none"> Valves meet EN ISO 10297:2017, EN 144-1:2018 & EN 144-2:2018 Valves are certified to European TPED & available with Pi () mark EFV with anti-dust tube tested for 2000 pressure shocks by BAM Valves meet IS 7302:1974, approved by PESO & supplied under Lloyd's inspection for Indian market PRD complies with CGA S-1.1



For features, benefits & ordering information, refer detailed catalogue



Your Safety Is Valued