

SHUT OFF VALVE LOCKABLE

Series GS4

Cat No GS4 - 01 - 01 - A

SHUT OFF VALVE LOCKABLE - G1/4 & G1/2

Features

- ❑ High flow rate
- ❑ Padlock provision available to prevent unauthorised air flow direction in both IN to OUT and OUT to EXH condition
- ❑ Flush type pressure gauge mounting option available at both sides
- ❑ Facility to attach silencer at exhaust port to reduce the noise
- ❑ Quick release bayonet type bottom plug
- ❑ Suitable for modular mounting
- ❑ Clean design



Function

- ❑ 3/2 normally closed valve for pressurisation and exhaustion of pneumatic system

Technical Specifications

Model		GS4361...	GS4563...
Medium		Compressed air	
Port Size		Inlet, Outlet, Exhaust - G1/4	Inlet, Outlet, Exhaust - G1/2
Type		3/2 NC	
Operating pressure (bar)		12 (Standard model)	
		10 (With pressure gauge and Adapter plate model)	
Ambient temperature ** (C)		-10° to +60°	
Medium temperature (C)		+5° to +50°	
Flow rate @ (lts/min.)	1 to 2	2800	8500
	2 to 3	1400	3700
Installation		Any position	
Materials of construction		Die cast Aluminium, Brass, Steel, Polyamide, Polyacetal, Nitrile, Stainless steel	
Optional accessories *		Clamp, Modular mounting kit, Silencer	
Weight (kg)		0.175	0.550

@ - Supply pressure 6.3 bar, Pressure drop $\Delta p = 1$ bar

* - For details refer optional accessories Cat No APA - 01 - 05 - A

** - Ambient temperature +5° to +50°C for Pressure gauge and Pressure sensor model

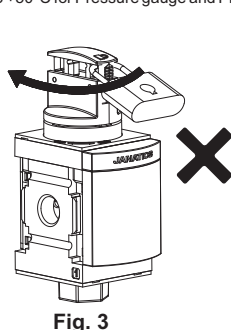


Fig. 3

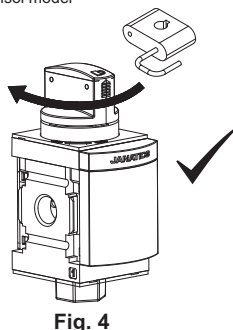


Fig. 4

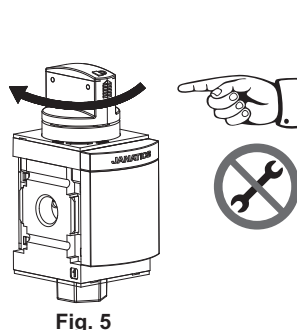


Fig. 5

Caution:

- Do not turn the knob with pad lock fixed condition (fig -3) else it may damage the knob as well as internal parts. Turn the knob after removing the padlock (fig -4).
- Sudden increase and decrease in pressure pulsation must be avoided because it could adversely affect the life of pressure gauge (for optional pressure gauge model)
- Applying pressure beyond the pressure range could damage the pressure gauge.
- Pad lock should be selected in such way that it should exactly fit (or) slightly less than the slot in the Locking holder. Wrong selection will lead to malfunction (fig -2).
- Switching the valve only by hand do not operate the valve by using hammer or other tools or driving it mechanically through the cylinder could cause damage (fig -5).

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Standard

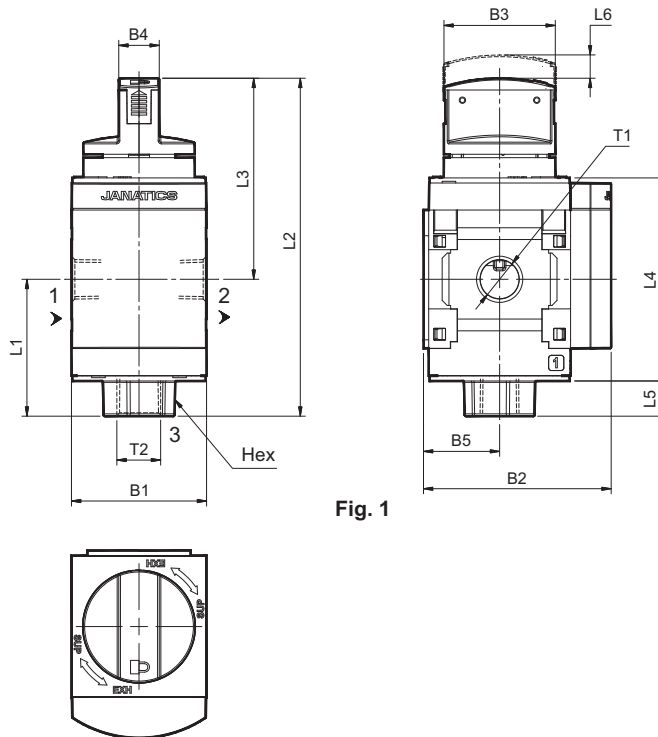


Fig. 1

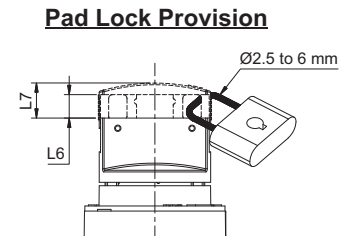
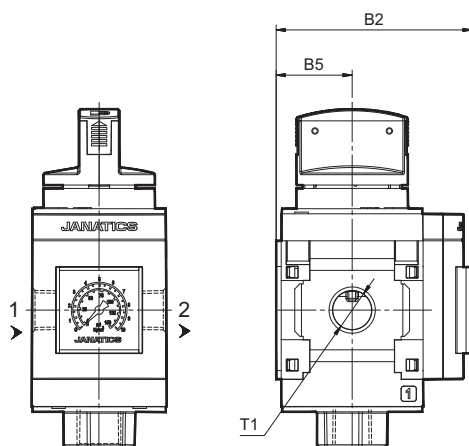


Fig. 2

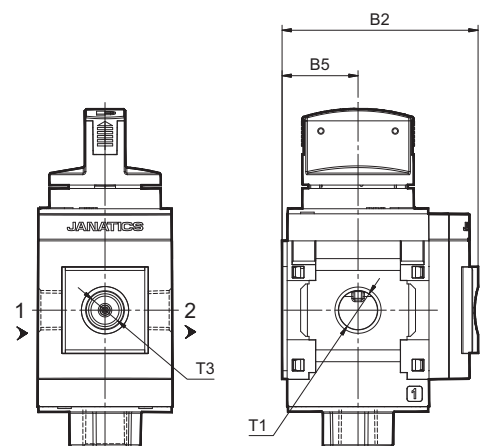
Model No.	T1	T2	Hex	B1	B2	B3	B4	B5	L1	L2	L3	L4	L5	L6	L7
GS4361-F1...	G1/4	G1/4	19	40	55.5	Ø33	12	22.5	41	100	59.5	60	11	7	10.5
GS4563-F1...	G1/2	G1/2	30	62	77.5	Ø51	16	33	60	152	92	91	14.5	8	13.5

With flush type pressure gauge



Model No.	T1	B2	B5
GS4361...	G1/4	58	22.5
GS4563...	G1/2	77.5	33

With adaptor plate (Suitable for 1/8" thread)



Model No.	T1	T3	B2	B5
GS4361-F2...	G1/4	G1/8	58	22.5
GS4563-F2...	G1/2	G1/8	77.5	33

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Precautions

1. Note the direction of flow before installation and connect piping accordingly.
2. Flush pipings for dirt, dust, rust and other foreign particles.
3. Install in clean atmosphere.
4. Nipples of taper threads (R) to be used with teflon tape. Ensure teflon tape does not enter the unit during tightening. Nipples of straight threads (G) to be used with sealing washer.

How to order

GS4

361

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F1

Body & Port size	
361	1/4" & G1/4
563	1/2" & G1/2

Front side mounting Accessories	
Nil	with Flush type Pressure gauge
F1	with Front cover
F2	with Adaptor plate 1/4 - G1/8
F2	with Adaptor plate 1/2 - G1/8

Rear side mounting Accessories	
Nil	Without Accessories
C2	Clamp (standard)

Bottom side mounting accessories	
Nil	Without silencer
B1	With Plastic Silencer
B2	With Silencer ASC0161
B2	With Silencer ASC0163

Ordering example:

Shut off valve - 1/4 size (with G1/4 port) with silencer ASC0161, with Flush type pressure gauge and Clamp (standard) :

Ordering No: **GS4361-C2B2**

If ordered as Shut off valve 1/4 our standard model **GS4361-F1**, with Front cover, without silencer will be supplied.