

ROTARY SLIDE VALVE

Series DR

Cat No DR - 01 - 01 - B

ROTARY SLIDE VALVE - G1/4

Features

- ❑ Easy handle movement and precise control of the direction
- ❑ Compact and lightweight design
- ❑ Handle position available in two types (Ref. Fig.1 & Fig.2)
- ❑ Both body mounting and Panel mounting is possible
- ❑ Good flow characteristics



Technical Specifications

Model	DR19	DR11
Port size	G1/4	
Medium	Compressed air filtered, lubricated	
Maximum working pressure	bar	10
Recommended oil for lubrication	ISO VG32 (Servo system 32)	
Operating Angle	45° (Refer Fig.1&2)	
Ambient temperature	C	-10° to +60°
Medium temperature	C	+5° to +50°
Flow @ (1→2, 1→4)	lts/min	11001000
Materials of construction	Aluminium, Steel, Stainless Steel, Nitrile Rubber, Brass	
Weight	Kg	0.3

@ - Inlet pressure 6 bar, and pressure drop 1 bar

Ordering no.	DR195S61-N & DR195S61-T	DR115S61-N & DR115S61-T
Type	4/3 - Hand Lever Operated (Mid-Position Blocked)	4/3 - Hand Lever Operated (Mid-Position Exhausted)
Symbol		

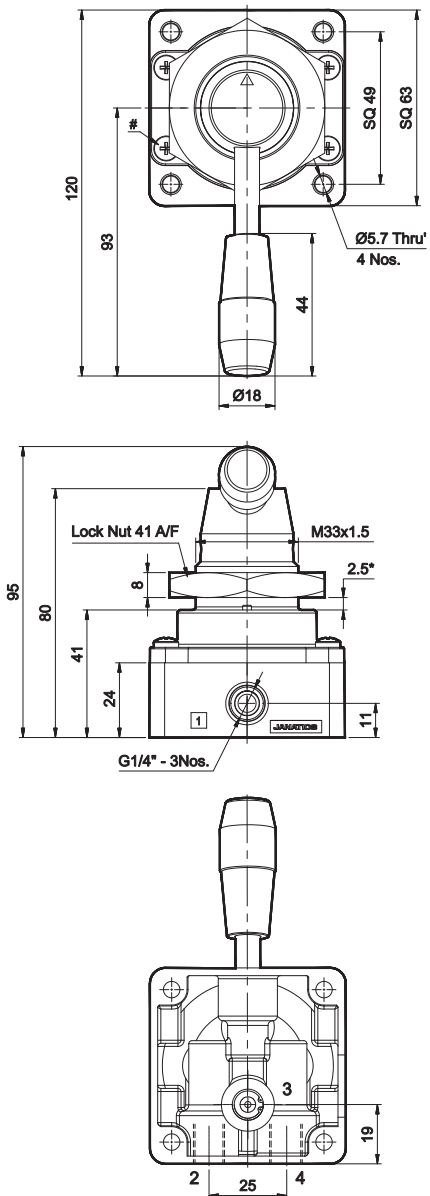
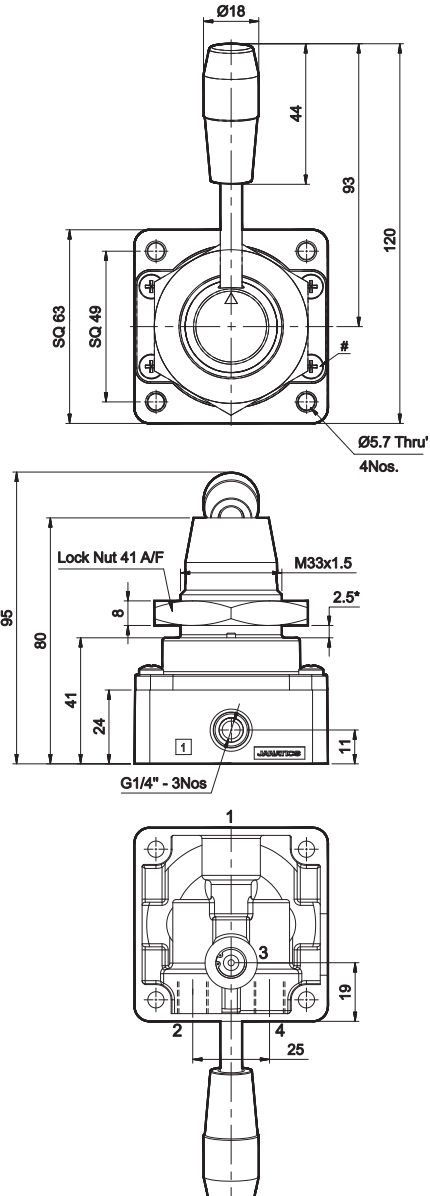
N - Handle position Inlet port side, T - Handle position Outlet port side

Handle operation angle and air flow direction		Panel cut dimension
<p>(Handle position inlet port side) DR195S61-N, DR115S61-N</p> <p>1 - Inlet 2, 4 - Outlet</p> <p>FIG. 1</p>	<p>(Handle position outlet port side) DR195S61-T, DR115S61-T</p> <p>1 - Inlet 2, 4 - Outlet</p> <p>FIG. 2</p>	<p>Panel thickness = 3 to 4mm</p>

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(Handle position inlet port side) DR195S61-N, DR115S61-N	(Handle position outlet port side) DR195S61-T, DR115S61-T
 <p># Screw tightening torque: 2.5 to 3 Nm for M5x0.8</p>	 <p>1 - Inlet 2, 4 - Outlet 3 - Exhaust</p>

Caution

Operation method : The valve must be switched to each position instantly and securely. Stopping the handle midway between the extreme positions may cause malfunction

Switch only by hand : Switching the valve by using hammer or other tools or driving it mechanically through the cylinder could cause damage

Ordering Example

The ordering no for 4/3 Rotary slide valve - 1/4" (Handle position inlet port side) - **DR195S61-N**

Subject to change

ROTARY SLIDE VALVE

Series DR

Cat No DR - 01 - 02 - B

ROTARY SLIDE VALVE - G1/2

Features

- ❑ Easy handle movement and precise control of the direction
- ❑ Compact and lightweight design
- ❑ Handle position available in two types (Ref. Fig.1 & Fig.2)
- ❑ Both body mounting and Panel mounting is possible
- ❑ Good flow characteristics



Technical Specifications

Model	DR19	DR11
Port size	G1/2	
Medium	Compressed air filtered, lubricated	
Maximum working pressure bar	10	
Recommended oil for lubrication	ISO VG32 (Servo system 32)	
Operating Angle	45° (Refer Fig.1&2)	
Ambient temperature C	-10° to +60°	
Medium temperature C	+5° to +50°	
Flow @ (1→2, 1→4) lts/min	4000	
Materials of construction	Aluminium, Steel, Stainless Steel, Nitrile Rubber, Brass	
Weight Kg	0.9	

@ - Inlet pressure 6 bar, and pressure drop 1 bar

Ordering no.	DR197S63-N & DR197S63-T	DR117S63-N & DR117S63-T
Type	4/3 - Hand Lever Operated (Mid-Position Blocked)	4/3 - Hand Lever Operated (Mid-Position Exhausted)
Symbol		

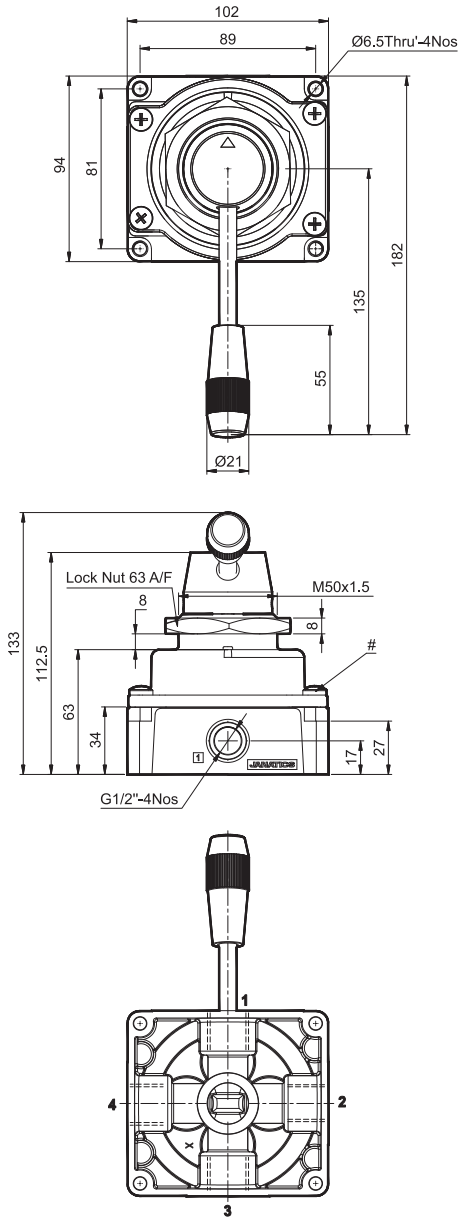
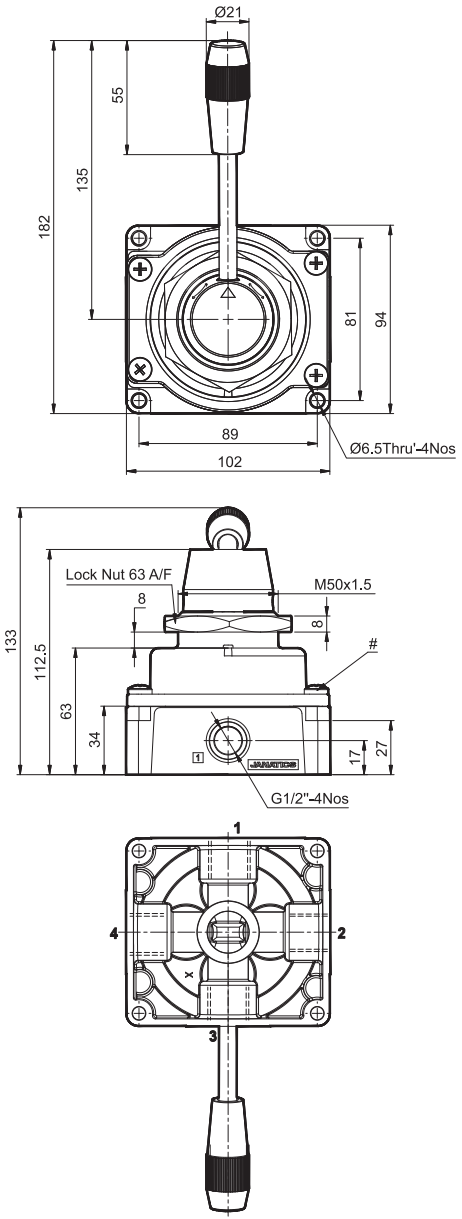
N - Handle position Inlet port side, T - Handle position Outlet port side

Handle operation angle and air flow direction		Panel cut dimension
<p>(Handle position Inlet port side) DR197S63-N, DR117S63-N</p> <p>1 - Inlet 2, 4 - Outlet 3 - Exhaust</p> <p>FIG. 1</p>	<p>(Handle position Exhaust port side) DR197S63-T, DR117S63-T</p> <p>1 - Inlet 2, 4 - Outlet 3 - Exhaust</p> <p>FIG. 2</p>	<p>Panel thickness = 7 to 8mm</p>

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(Handle position Inlet port side) DR197S63-N, DR117S63-N	(Handle position Exhaust port side) DR197S63-T, DR117S63-T
 <p># Screw tightening torque: 2.5 to 3Nm for M6x1</p>	 <p>1 - Inlet 2, 4 - Outlet 3 - Exhaust</p>

Caution

Operation method : The valve must be switched to each position instantly and securely. Stopping the handle midway between the extreme positions may cause malfunction

Switch only by hand : Switching the valve by using hammer or other tools or driving it mechanically through the cylinder could cause damage

Ordering Example

The ordering no for 4/3 Rotary slide valve - 1/2" (Handle position at inlet port side) - **DR197S63-N**

Subject to change