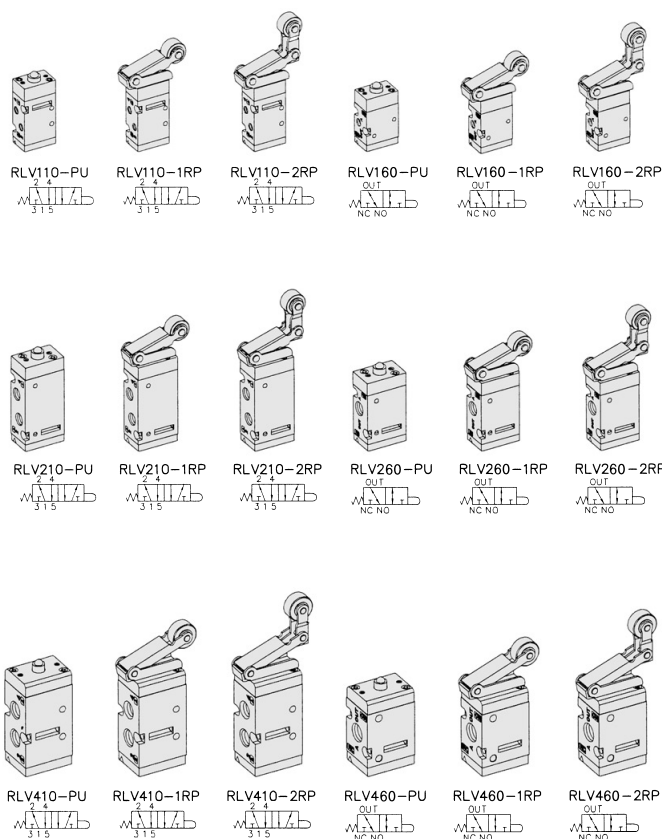


RLV Series

Roller Lever Mechanical
Actuated Spool Valves

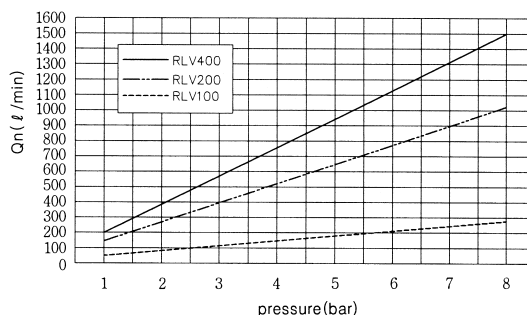
- 5/2, 3/2 - M5, 1/8, 1/4
- Excellent Durability
- Convenient Installation
- Direct Type, Quick Response



SPECIFICATION

ITEM	SERIES	RLV100	RLV200	RLV400
		5/2, 3/2-Way		
Fluids		Compressed Air & Inert Gases		
Port Size		M5	1/8	1/4
Pressure(bar)		0~8.0		
Eff. Sectional Area(mm ²)-5bar		3.5	12.6	19.0
Ambient & Fluid Temp.		5~60°C (41~140°F)		
Lubrication		Not Required(Use ISO VG32 #)		

Transition Capacity Graph



The Material of Parts

- Valve Body : Die-Cast Aluminium
- Lever Parts : Steel Plate, POM
- Spool : Aluminium
- Pilot Parts : Glass Filled Nylon
- Seals : NBR
- Cap : Zinc Pressure Die-Cast
- Spring : Stainless
- Button Parts : Stainless Steel

※ The specification on each item can be amended without any prenotice to improve a performance.
※ The specification on each item can be different from actual specification.

ORDERING NO.

RLV1

1

0

-

PU

Valve Series

RLV1 :
M5×0.8-Port Body

RLV2 :
1/8-Port Body

RLV4 :
1/4-Port Body

Function

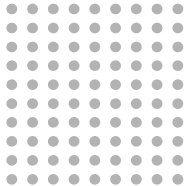
1	5/2 - Spring Return
6	3/2 - Spring Return

Port Size & Thread

0	G
1	NPT

Operator / Function

PU	Pushrod
1RP	Two-way Roller Plastic Lever
1RB	Two-way Roller Bearing Lever
2RP	One-way Roller Plastic Lever
2RB	One-way Roller Bearing Lever

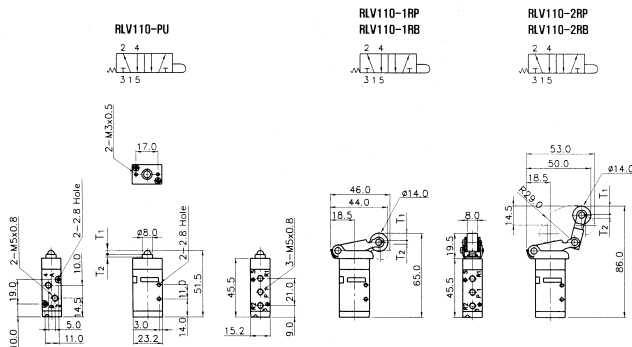


Roller Lever Mechanically Actuated Spool Valve

Port Thread M5, 1/8, 1/4

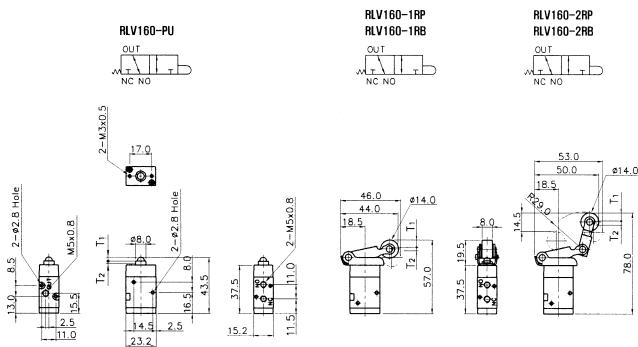
5/2-Way, Pushrod & Roller Lever Operation Thread-M5×0.8

	RLV110	RLV110-1RP	RLV110-2RP
T ₁ Valid Operation Dist	2.0mm	6.0mm	7.0mm
T ₂ Invalid Operation Dist	1.0mm	2.0mm	2.0mm
F ₁ Pressure for Valid Operation			
F ₂ Pressure for Invalid Operation	2.0kg	1.0kg	1.0kg



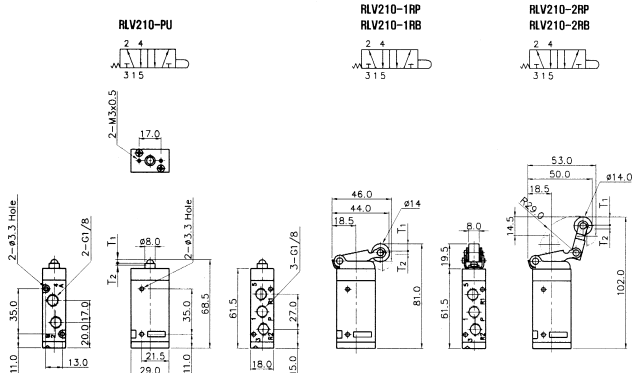
3/2-Way, Pushrod & Roller Lever Operation Thread-M5×0.8

	RLV160	RLV160-1RP	RLV160-2RP
T ₁ Valid Operation Dist	2.0mm	6.0mm	7.0mm
T ₂ Invalid Operation Dist	1.0mm	2.0mm	2.0mm
F ₁ Pressure for Valid Operation			
F ₂ Pressure for Invalid Operation	2.0kg	1.0kg	1.0kg



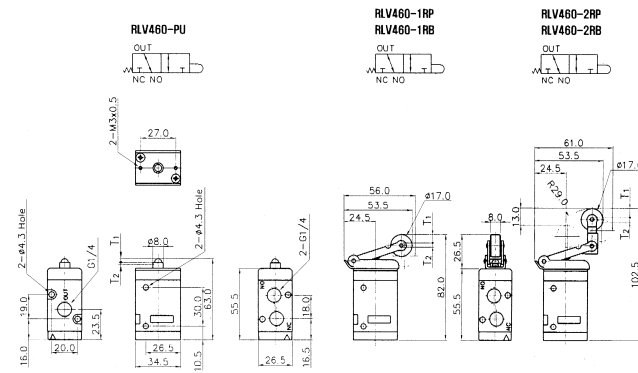
5/2-Way, Pushrod & Roller Lever Operation Thread-1/8

	RLV210	RLV210-1RP	RLV210-2RP
T ₁ Valid Operation Dist	3.0mm	8.5mm	9.5mm
T ₂ Invalid Operation Dist	1.0mm	2.0mm	2.0mm
F ₁ Pressure for Valid Operation			
F ₂ Pressure for Invalid Operation	2.5kg	1.5kg	1.5kg



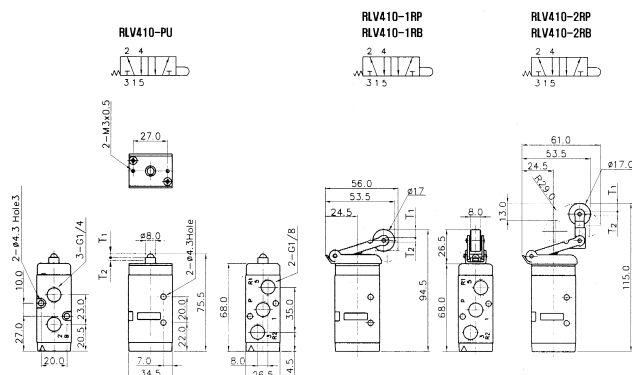
3/2-Way, Pushrod & Roller Lever Operation Thread-1/8

	RLV460	RLV460-1RP	RLV460-2RP
T ₁ Valid Operation Dist	3.0mm	8.5mm	9.5mm
T ₂ Invalid Operation Dist	1.0mm	2.0mm	2.0mm
F ₁ Pressure for Valid Operation			
F ₂ Pressure for Invalid Operation	2.5kg	1.5kg	1.5kg



5/2-Way, Pushrod & Roller Lever Operation Thread-1/4

	RLV410	RLV410-1RP	RLV410-2RP
T ₁ Valid Operation Dist	3.6mm	9.0mm	10.5mm
T ₂ Invalid Operation Dist	1.0mm	3.0mm	3.0mm
F ₁ Pressure for Valid Operation	3.5kg	1.5kg	1.5kg
F ₂ Pressure for Invalid Operation			



3/2-Way, Pushrod & Roller Lever Operation Thread-1/4

	RLV460	RLV460-1RP	RLV460-2RP
T ₁ Valid Operation Dist	3.6mm	9.0mm	10.5mm
T ₂ Invalid Operation Dist	1.0mm	3.0mm	3.0mm
F ₁ Pressure for Valid Operation	3.5kg	1.5kg	1.5kg
F ₂ Pressure for Invalid Operation			

