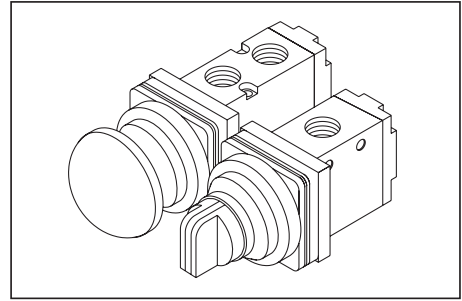


G 1/4, G 1/8 Manually Operated Exel Valves

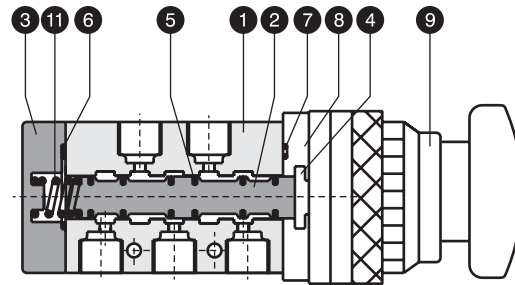
- Compact design with low friction dynamic seals.
- Option of spring return Mushroom Button and Detent type selector switch.
- 5/2 valves offered with 1/4" inlet and cylinder ports.
(All 1/8" ports optional)
- 3/2 valves offered with all 1/8" ports.



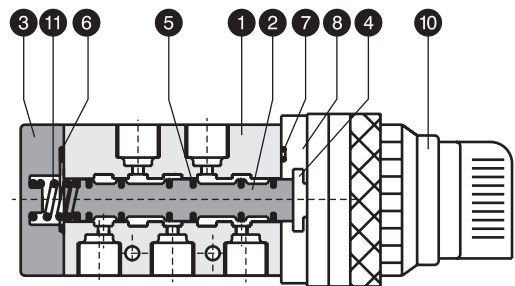
PART LIST - 5/2 WAY VALVES

| NO. | DESCRIPTION | QTY. | |
|-----|-----------------------|-----------------|-----------------|
| | | Selector Switch | Mushroom Button |
| 1 | Valve body | 1 | 1 |
| 2 | Spool | 1 | 1 |
| 3 | Spring housing | 1 | 1 |
| 4 | Piston | 1 | 1 |
| 5 | Spool seal | 6 | 6 |
| 6 | Gasket | 1 | 1 |
| 7 | Mount. plate 'O' ring | 1 | 1 |
| 8 | Mounting plate | 1 | 1 |
| 9 | Mushroom type knob | - | 1 |
| 10 | Selector switch | 1 | - |
| 11 | Spring | 1 | 1 |

Seal kit consists of items (2+5), 6 & 7.



5/2 Exel Mushroom Button Valve

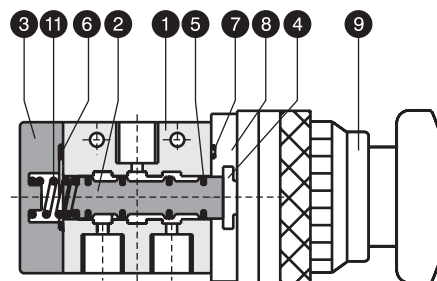


5/2 Exel Selector Switch Valve

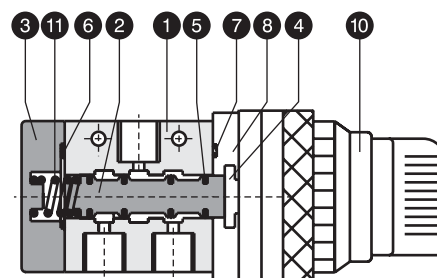
PART LIST - 3/2 WAY VALVES

| NO. | DESCRIPTION | QTY. | |
|-----|-----------------------|-----------------|-----------------|
| | | Selector Switch | Mushroom Button |
| 1 | Valve body | 1 | 1 |
| 2 | Spool | 1 | 1 |
| 3 | Spring housing | 1 | 1 |
| 4 | Piston | 1 | 1 |
| 5 | Spool seal | 4 | 4 |
| 6 | Gasket | 1 | 1 |
| 7 | Mount. plate 'O' ring | 1 | 1 |
| 8 | Mounting plate | 1 | 1 |
| 9 | Mushroom type knob | - | 1 |
| 10 | Selector switch | 1 | - |
| 11 | Spring | 1 | 1 |

Seal kit consists of items (2+5), 6 & 7.

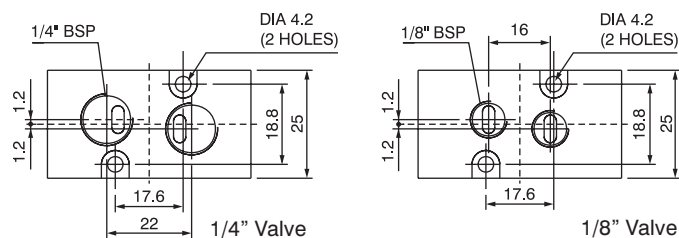


3/2 Exel Mushroom Button Valve



3/2 Exel Selector Switch Valve

CYLINDER PORT CONFIGURATION (5/2 Valve)

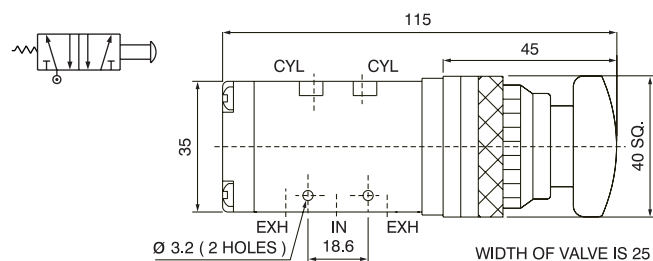


5/2 Exel Manually Operated Valve is offered in two port configurations.

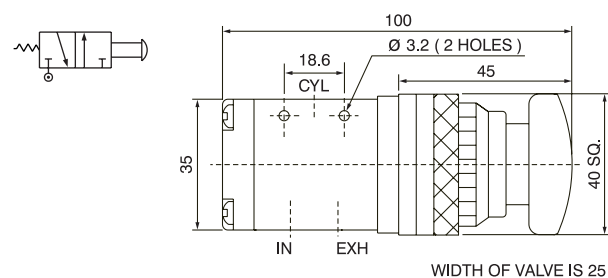
- 1) Inlet , cylinder ports of 1/4", exhaust ports of 1/8".
- 2) All ports of 1/8".

3/2 Exel Manually Operated Valve is offered with all ports of 1/8".

5/2 AND 3/2 MUSHROOM TYPE EXEL VALVE

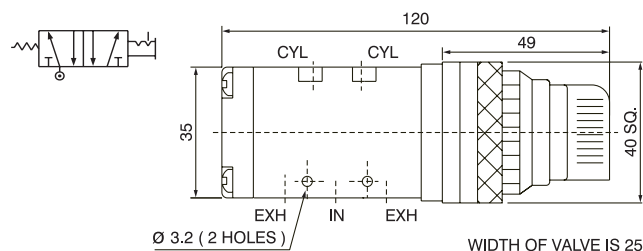


5/2 Exel Mushroom Button Valve

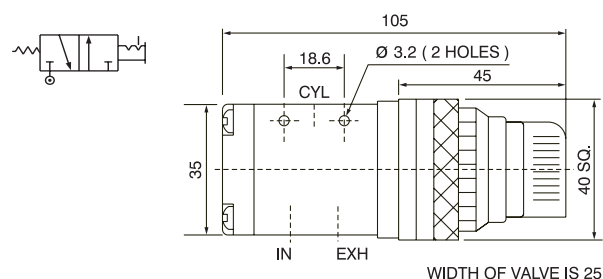


3/2 Exel Mushroom Button Valve

5/2 AND 3/2 SELECTOR SWITCH EXEL VALVE



5/2 Exel Selector Switch Valve



3/2 Exel Selector Switch Valve

PART NOS.

| Type | Mushroom Type | Seal Kit |
|----------------------------|---------------|-------------|
| 1/4" - 5/2 Exel valve | 34004 MS | SK 33004 MS |
| 1/8" - 5/2 Exel valve | 33004 MS | |
| 1/8" - 3/2 Exel valve (NC) | 33003 MS | SK 33003 MS |

SPECIFICATIONS

| | |
|-----------------------|---|
| Medium | Compressed air, Filtered |
| Design | Spool type with spring return |
| Working pressure | 10 bar max. |
| Ambient / fluid temp. | - 10 to 55° C |
| Cv (Nominal flow) | 0.7 (700 lit/min.) |
| Materials | Body & Spool : Aluminium Seals : NBR |

PART NOS.

| Type | Selector Type | Seal Kit |
|----------------------------|---------------|-------------|
| 1/4" - 5/2 Exel valve | 34004 SS | SK 33004 MS |
| 1/8" - 5/2 Exel valve | 33004 SS | |
| 1/8" - 3/2 Exel valve (NC) | 33003 SS | SK 33003 MS |

SPECIFICATIONS

| | |
|-----------------------|---|
| Medium | Compressed air, Filtered |
| Design | Spool type with detent |
| Working pressure | 10 bar max. |
| Ambient / fluid temp. | - 10 to 55° C |
| Cv (Nominal Flow) | 0.7 (700 lit/min.) |
| Materials | Body & Spool : Aluminium Seals : NBR |