# Valves G 1/8" - G 1"
# Series 200

Tappet

Lever roller

Lever button

Lever sensitive

Lever panel

Lever front

Push button

Switch

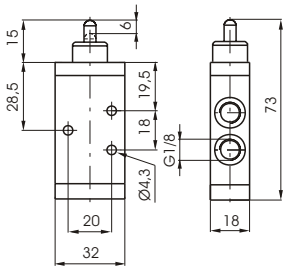
Lever lateral

Pedal

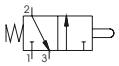
Pedal

## Tappet spring

3/2

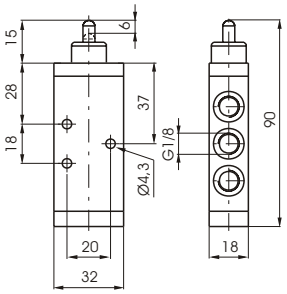





| Ordering code | |
|---|---|
| **228.32.0.1** | **228.52.0.1** |
|  |  |
| Weight gr. 85 | Weight gr. 105 |



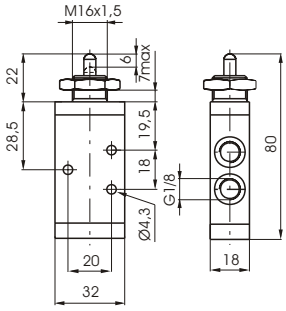
5/2



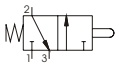

Operating force 33 N

## Tappet panel spring

3/2

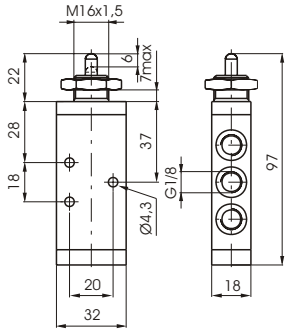





| Ordering code | |
|---|---|
| **228.32.1.1** | **228.52.1.1** |
|  |  |
| Weight gr. 102 | Weight gr. 122 |



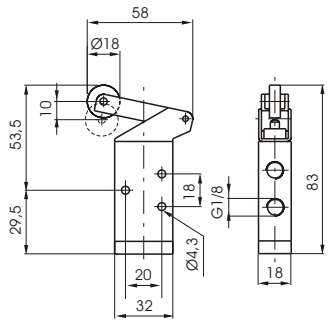
5/2



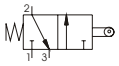

Operating force 33 N

## Lever roller spring

3/2

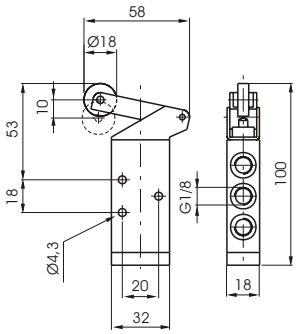





| Ordering code | |
|---|---|
| **228.32.2.1** *Plastic roller* **228.32.2.1/2** *Metal roller* | **228.52.2.1** *Plastic roller* **228.52.2.1/2** *Metal roller* |
|  |  |
| Weight gr. 115 | Weight gr. 135 |



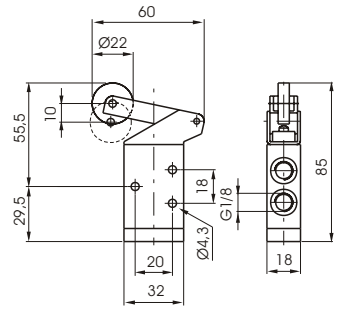
5/2



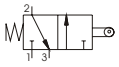

Operating force 15 N

## Lever roller ball bearings spring

3/2

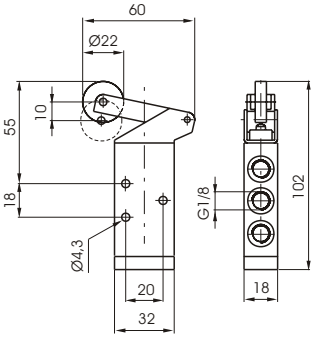





| Ordering code | |
|---|---|
| **228.32.2.1/1** | **228.52.2.1/1** |
|  |  |
| Weight gr. 130 | Weight gr. 150 |



5/2

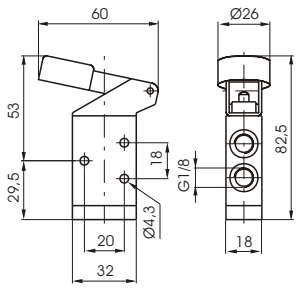



Operating force 15 N

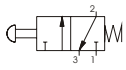
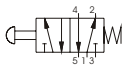
| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

## Lever button spring

3/2



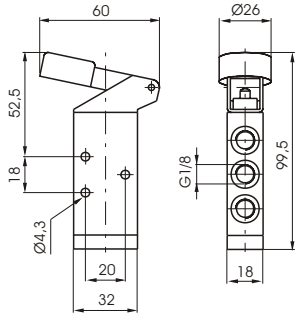



| Ordering code | |
|---|---|
| **228.32.2.6/1** *Red* **228.32.2.6/2** *Black* **228.32.2.6/3** *Green* | **228.52.2.6/1** *Red* **228.52.2.6/2** *Black* **228.52.2.6/3** *Green* |
|  |  |
| Weight gr.120 | Weight gr. 140 |

Operating force 15 N

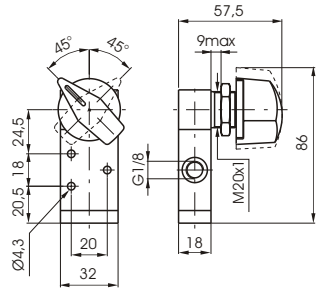
5/2



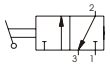
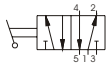



## Switch lateral 2-positions

3/2

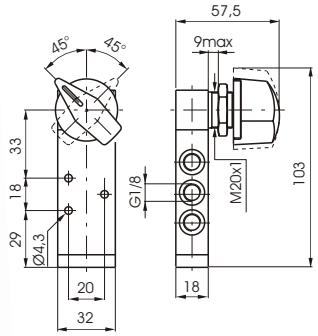





| Ordering code | |
|---|---|
| **228.32.27** | **228.52.27** |
|  |  |
| Weight gr. 190 | Weight gr. 210 |

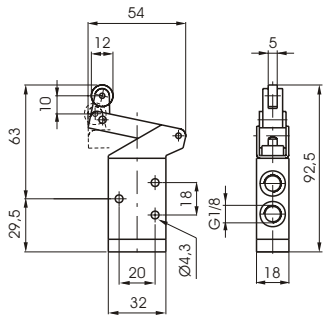
5/2



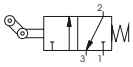
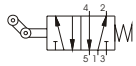



## Lever roller unidirectional spring

3/2



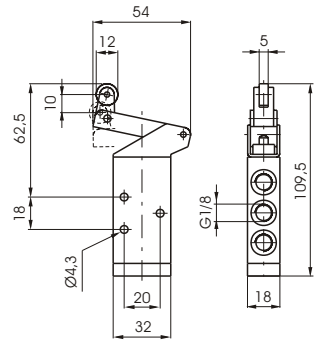



| Ordering code | |
|---|---|
| **228.32.3.1** *Plastic roller* **228.32.3.1/2** *Metal roller* | **228.52.3.1** *Plastic roller* **228.52.3.1/2** *Metal roller* |
|  |  |
| Weight gr. 110 | Weight gr. 130 |

Operating force 15 N

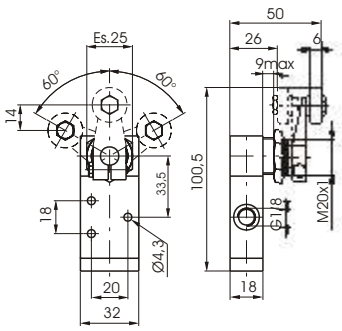
5/2



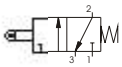
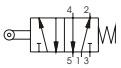



## Lever roller lateral bidirectional spring

3/2

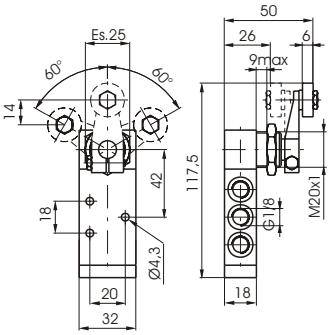





| Ordering code | |
|---|---|
| **228.32.4.1** | **228.52.4.1** |
|  |  |
| Weight gr. 180 | Weight gr. 200 |

5/2

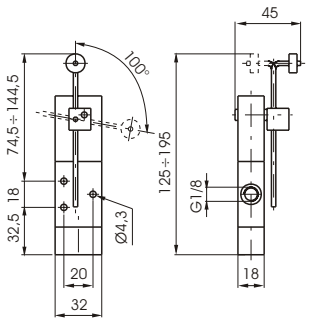




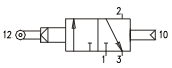
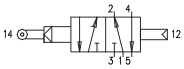

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

## Lever sensitive differential

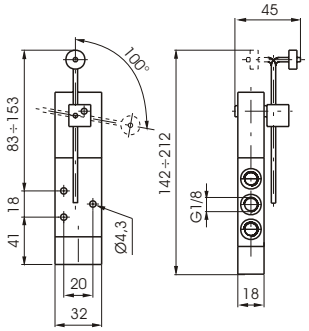
3/2 — 5/2






| Ordering code | |
|---|---|
| **228.32.4.13** | **228.52.4.13** |
|  |  |
| Weight gr. 200 | Weight gr. 220 |

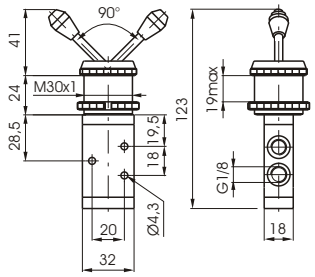




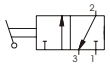
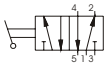

Minimum working pressure 2,5 bar

## Lever panel Ø 30 2-positions

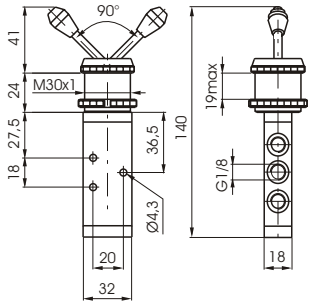
3/2 — 5/2





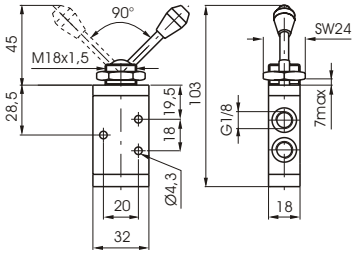

| Ordering code | |
|---|---|
| **228.32.5/1** *Red*<br>**228.32.5/2** *Black*<br>**228.32.5/3** *Green* | **228.52.5/1** *Red*<br>**228.52.5/2** *Black*<br>**228.52.5/3** *Green* |
|  |  |
| Weight gr. 198 | Weight gr. 218 |



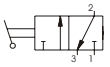
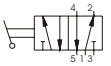



## Lever front 2-positions

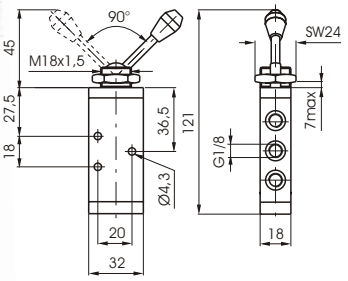
3/2 — 5/2





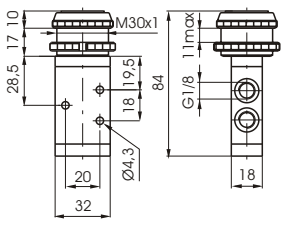

| Ordering code | |
|---|---|
| **228.32.55/1** *Red*<br>**228.32.55/2** *Black*<br>**228.32.55/3** *Green* | **228.52.55/1** *Red*<br>**228.52.55/2** *Black*<br>**228.52.55/3** *Green* |
|  |  |
| Weight gr. 115 | Weight gr. 135 |



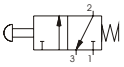
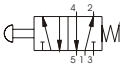



## Pushbutton Ø 30 spring

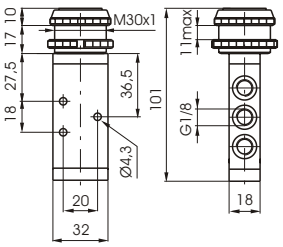
3/2 — 5/2






| Ordering code | |
|---|---|
| **228.32.6.1/1** *Red*<br>**228.32.6.1/2** *Black*<br>**228.32.6.1/3** *Green* | **228.52.6.1/1** *Red*<br>**228.52.6.1/2** *Black*<br>**228.52.6.1/3** *Green* |
|  |  |
| Weight gr. 155 | Weight gr. 175 |



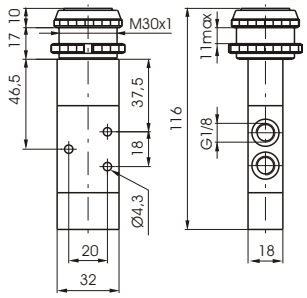



Operating force 33 N

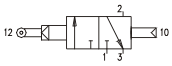
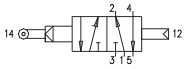
| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

## Sensitive pushbutton Ø 30 differential

3/2



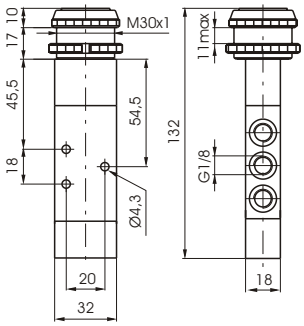



| Ordering code | |
|---|---|
| **228.32.6.13/1** *Red* **228.32.6.13/2** *Black* **228.32.6.13/3** *Green* | **228.52.6.13/1** *Red* **228.52.6.13/2** *Black* **228.52.6.13/3** *Green* |
|  |  |
| Weight gr. 197 | Weight gr. 217 |

Operating force 18,5 N (at 6 bar)

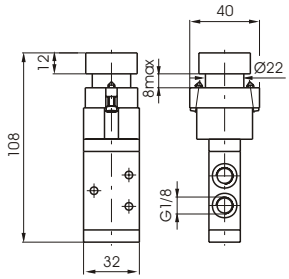


5/2

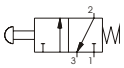
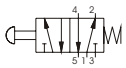



## Push button spring

3/2



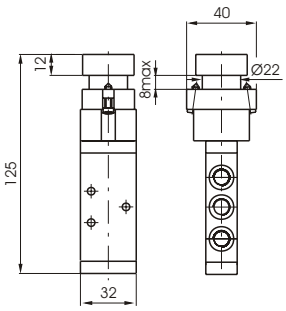



| Ordering code | |
|---|---|
| **228.32.6.22/1** *Red* **228.32.6.22/2** *Black* **228.32.6.22/3** *Green* **228.32.6.22/4** *Yellow* | **228.52.6.22/1** *Red* **228.52.6.22/2** *Black* **228.52.6.22/3** *Green* **228.52.6.22/4** *Yellow* |
|  |  |
| Weight gr. 225 | Weight gr. 245 |

Operating force 33 N



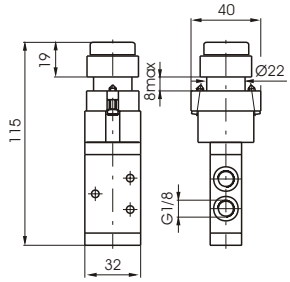
5/2



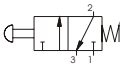

Operating force 33 N

## Raised pushbutton spring

3/2



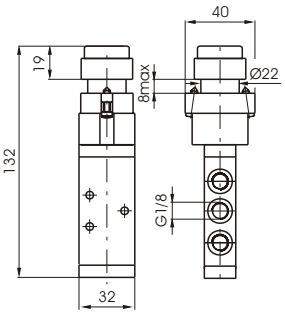



| Ordering code | |
|---|---|
| **228.32.6.23/1** *Red* **228.32.6.23/2** *Black* **228.32.6.23/3** *Green* **228.32.6.23/4** *Yellow* | **228.52.6.23/1** *Red* **228.52.6.23/2** *Black* **228.52.6.23/3** *Green* **228.52.6.23/4** *Yellow* |
|  |  |
| Weight gr. 230 | Weight gr. 250 |

Operating force 33 N



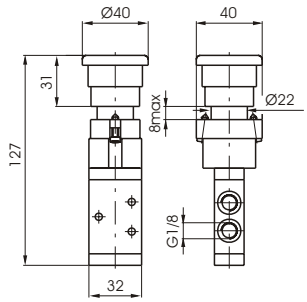
5/2



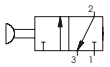

Operating force 33 N

## Palm button 2-positions

3/2



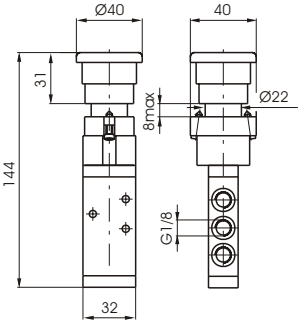



| Ordering code | |
|---|---|
| **228.32.6.25** | **228.52.6.25** |
|  |  |
| Weight gr. 235 | Weight gr. 255 |

Operating force 33 N



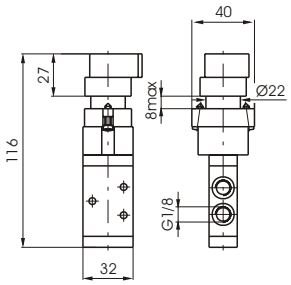
5/2



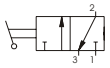
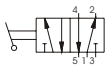

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

## Switch 2-positions

3/2

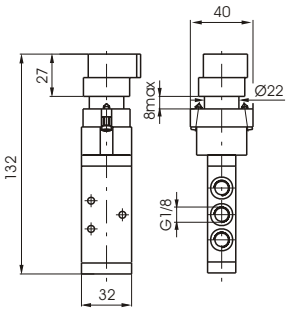





| Ordering code | |
|---|---|
| **228.32.6.27** | **228.52.6.27** |
|  |  |
| Weight gr. 230 | Weight gr. 250 |

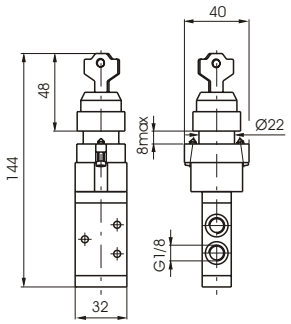


5/2

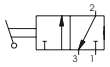
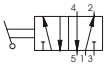



## Key switch 2-positions

3/2

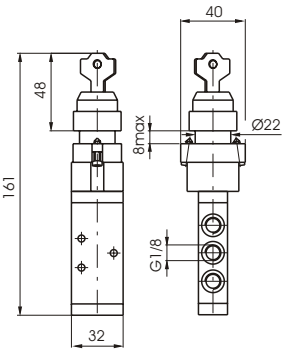





| Ordering code | |
|---|---|
| **228.32.6.28** | **228.52.6.28** |
|  |  |
| Weight gr. 230 | Weight gr. 250 |

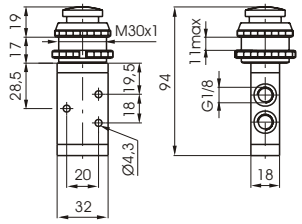


5/2

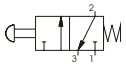
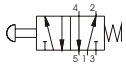



## Palm push button Ø 30 spring

3/2



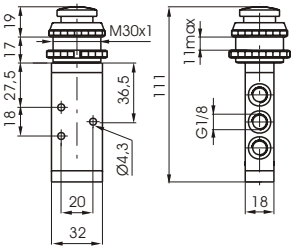



| Ordering code | |
|---|---|
| **228.32.7.1/1** *Red* **228.32.7.1/2** *Black* **228.32.7.1/3** *Green* | **228.52.7.1/1** *Red* **228.52.7.1/2** *Black* **228.52.7.1/3** *Green* |
|  |  |
| Weight gr. 148 | Weight gr. 168 |

Operating force 33 N

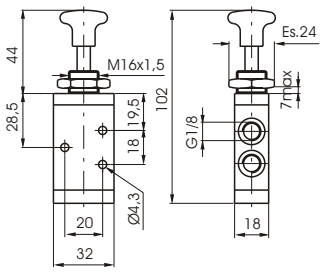


5/2

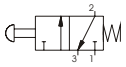



## Push button spring

3/2



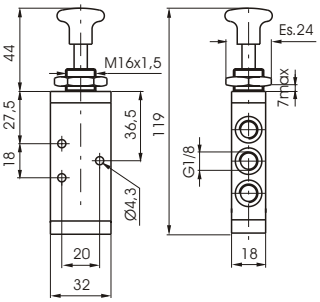



| Ordering code | |
|---|---|
| **228.32.8.1/1** *Red* **228.32.8.1/2** *Black* **228.32.8.1/3** *Green* | **228.52.8.1/1** *Red* **228.52.8.1/2** *Black* **228.52.8.1/3** *Green* |
|  |  |
| Weight gr. 120 | Weight gr. 140 |

Operating force 33 N



5/2



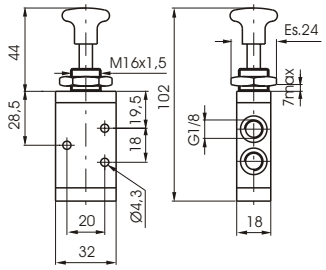

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

2

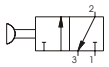
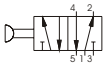
3/2

## Push button 2-positions

5/2

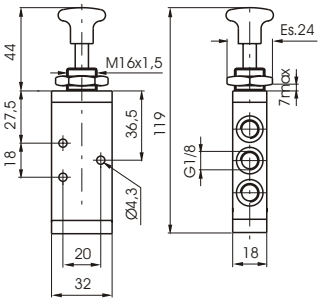





| Ordering code | |
|---|---|
| **228.32.8/1** *Red* **228.32.8/2** *Black* **228.32.8/3** *Green* | **228.52.8/1** *Red* **228.52.8/2** *Black* **228.52.8/3** *Green* |
|  |  |
| Weight gr. 120 | Weight gr. 140 |

Operating force 10 N

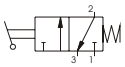
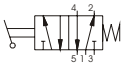


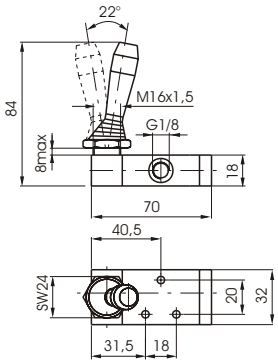


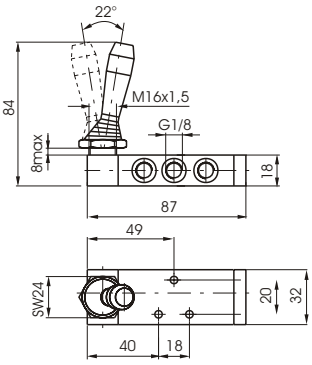

## Lever lateral spring

3/2

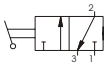
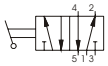
5/2

| Ordering code | |
|---|---|
| 3/2 **228.32.9.1/1** *Red* **228.32.9.1/2** *Black* **228.32.9.1/3** *Green* | 5/2 **228.52.9.1/1** *Red* **228.52.9.1/2** *Black* **228.52.9.1/3** *Green* |
|  |  |
| Weight gr. 140 | Weight gr. 160 |




## Lever lateral 2-positions

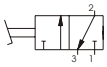
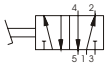
| Ordering code | |
|---|---|
| **228.32.9/1** *Red* **228.32.9/2** *Black* **228.32.9/3** *Green* | **228.52.9/1** *Red* **228.52.9/2** *Black* **228.52.9/3** *Green* |
|  |  |
| Weight gr. 140 | Weight gr. 160 |



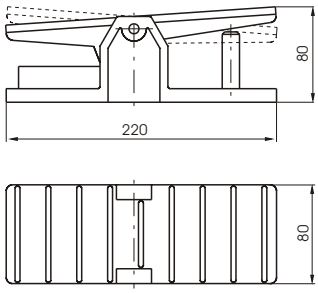


## Pedal aluminium 2-positions

3/2 - 5/2

| Ordering code |
|---|
| 3/2 **228.32.10** |
|  |
| Weight gr. 790 |
| 5/2 **228.52.10** |
|  |
| Weight gr. 810 |





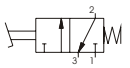

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

## Pedal aluminium spring

3/2 - 5/2

Ordering code

3/2 **228.32.10.1**



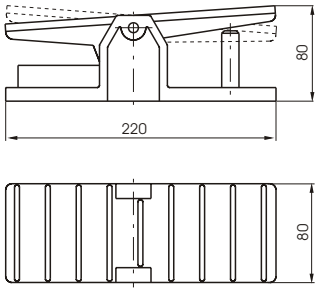
Weight gr. 790

5/2 **228.52.10.1**



Weight gr. 810



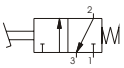



## Pedal protected spring

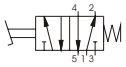
3/2 - 5/2

Ordering code

3/2 **228.32.10.1/1**
**228.32.10.2/1** without safety device

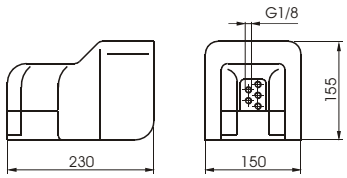


5/2 **228.52.10.1/1**
**228.52.10.2/1** without safety device



Weight gr. 1.120



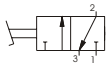



## Pedal protected 2-positions

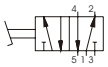
3/2 - 5/2

Ordering code

3/2 **228.32.10/1**

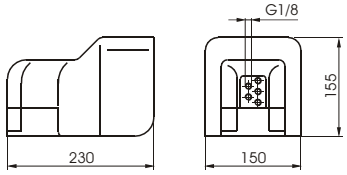


5/2 **228.52.10/1**



Weight gr. 1.120



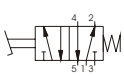



## Pedal plastic miniaturized spring

5/2

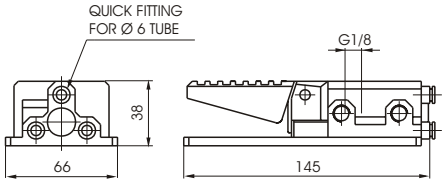
Ordering code

**228.52.10.1P**
**228.52.10.1PX** (Stainless steel spool)



Weight gr. 230






| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 540 Nl/min | mm 6 | G 1/8" |

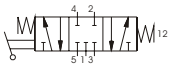
## Lever lateral spring centre - 3-positions

5/3

Ordering code

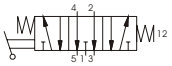
*Closed centres*

**228.53.31.9.1/1** *Red*
**228.53.31.9.1/2** *Black*
**228.53.31.9.1/3** *Green*

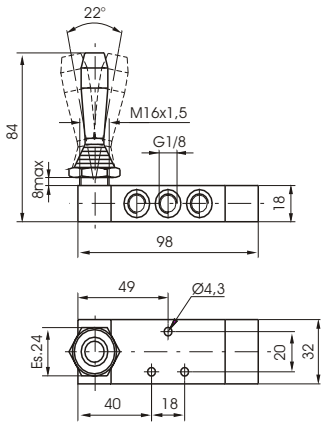


*Open centres*

**228.53.32.9.1/1** *Red*
**228.53.32.9.1/2** *Black*
**228.53.32.9.1/3** *Green*








Weight gr. 190

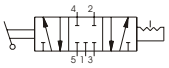
## Lever lateral 3-position detent

5/3

Ordering code

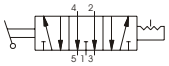
*Closed centres*

**228.53.31.9/1** *Red*
**228.53.31.9/2** *Black*
**228.53.31.9/3** *Green*

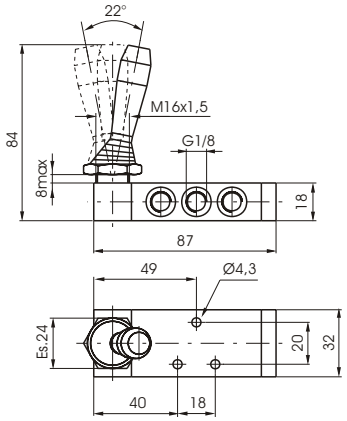


*Open centres*

**228.53.32.9/1** *Red*
**228.53.32.9/2** *Black*
**228.53.32.9/3** *Green*








Weight gr. 160

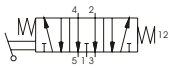
## Lever central Technopolymer

5/3

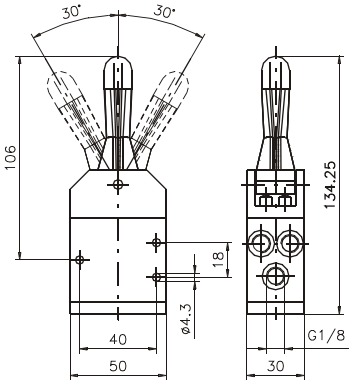
Ordering code

*Open centres*
*spring - 3-positions*

**228.53.32.99/1** *Red*
**228.53.32.99/2** *Black*








Weight gr. 140

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 410 Nl/min | mm 6 | G 1/8" |

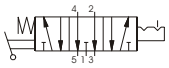
## Lever central Metal

5/3

Ordering code

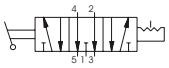
*Open centres 2-positions*

**228.53.32.99.2/1** *Red*
**228.53.32.99.2/2** *Black*

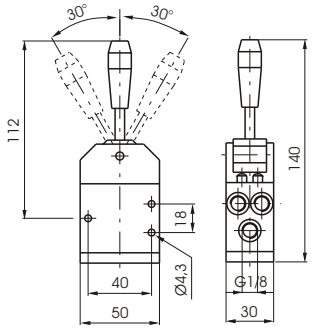


*Open centres 3-positions*

**228.53.32.99.3/1** *Red*
**228.53.32.99.3/2** *Black*








Weight gr. 140

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 410 Nl/min | mm 6 | G 1/8" |

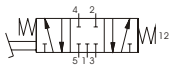
## Pedal spring 3-positions

5/3

Ordering code

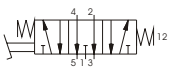
*Closed centres*

**228.53.31.10.1**

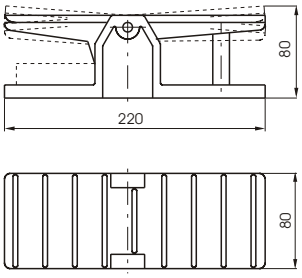


*Open centres*

**228.53.32.10.1**





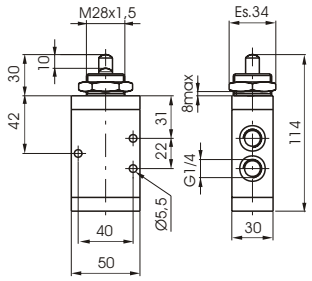



Weight gr. 810

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 410 Nl/min | mm 6 | G 1/8" |

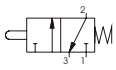
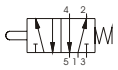
## Tappet spring

3/2



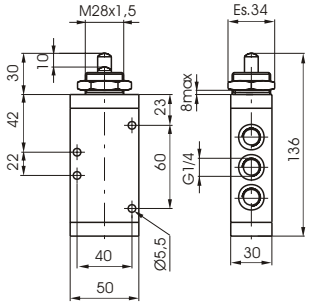



Ordering code

| 224.32.1.1 | 224.52.1.1 |
|---|---|
|  |  |
| Weight gr. 370 | Weight gr. 455 |



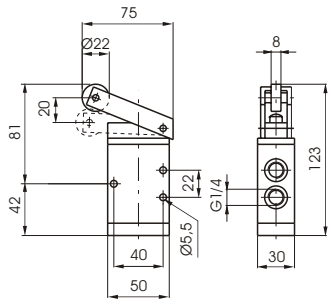
5/2




Operating force 71,5 N

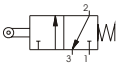
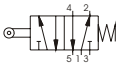
## Lever roller spring

3/2



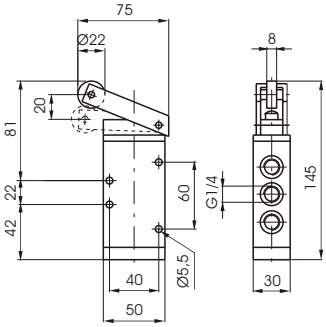



Ordering code

| 224.32.2.1 | 224.52.2.1 |
|---|---|
|  |  |
| Weight gr. 510 | Weight gr. 595 |



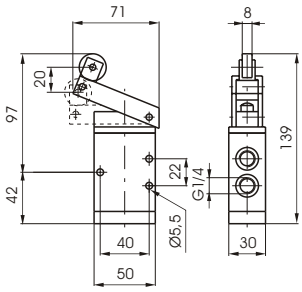
5/2




Operating force 35 N

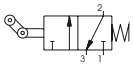
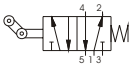
## Lever roller, unidirectional spring

3/2



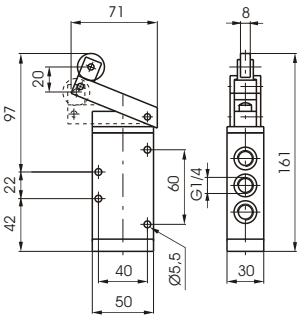



Ordering code

| 224.32.3.1 | 224.52.3.1 |
|---|---|
|  |  |
| Weight gr. 525 | Weight gr. 610 |



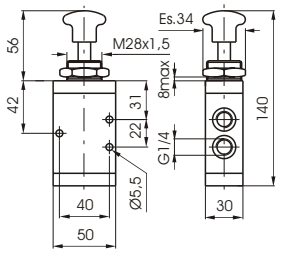
5/2




Operating force 35 N

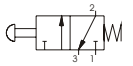
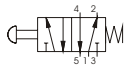
## Pushbutton spring

3/2



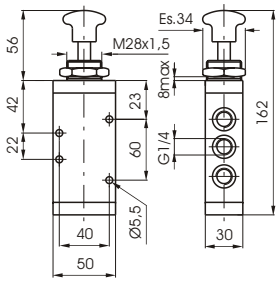



Ordering code

| 224.32.8.1 | 224.52.8.1 |
|---|---|
|  |  |
| Weight gr. 395 | Weight gr. 480 |



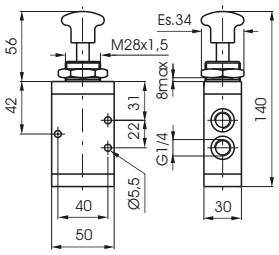
5/2



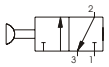
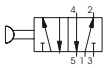

Operating force 71,5 N

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1360 Nl/min | mm 8 | G 1/4" |

3/2




**Pushbutton**
**2-positions**

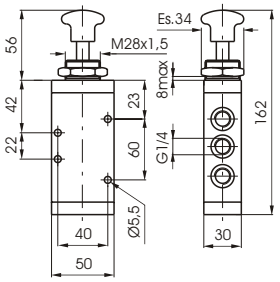
| Ordering code | |
|---|---|
| **224.32.8** | **224.52.8** |
|  |  |
| Weight gr. 385 | Weight gr. 470 |

Operating force 10 N

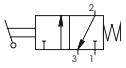
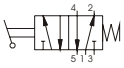




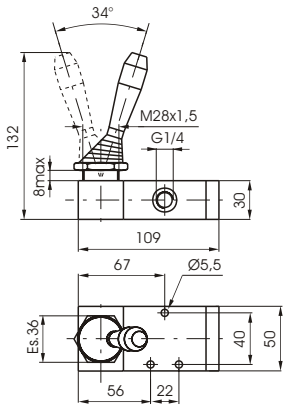
5/2



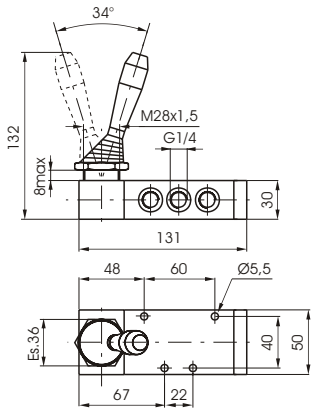

**Lever lateral**
**spring**

| Ordering code | |
|---|---|
| 3/2 | 5/2 |
| **224.32.9.1/1** | **224.52.9.1/1** |
| *Red* | *Red* |
| **224.32.9.1/2** | **224.52.9.1/2** |
| *Black* | *Black* |
| **224.32.9.1/3** | **224.52.9.1/3** |
| *Green* | *Green* |
|  |  |
| Weight gr. 520 | Weight gr. 605 |

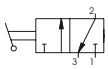
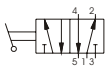
3/2




5/2



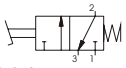

**Lever lateral**
**2-positions**

| Ordering code | |
|---|---|
| **224.32.9/1** | **224.52.9/1** |
| *Red* | *Red* |
| **224.32.92** | **224.52.9/2** |
| *Black* | *Black* |
| **224.32.9/3** | **224.52.9/3** |
| *Green* | *Green* |
|  |  |
| Weight gr. 510 | Weight gr. 595 |



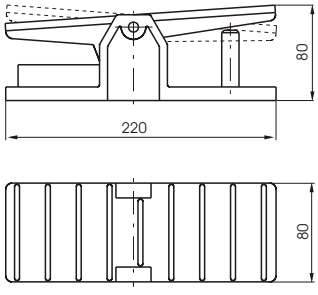


**Pedal aluminium**
**spring**

| Ordering code |
|---|
| 3/2 |
| **224.32.10.1** |
|  |
| Weight gr. 1.070 |
| 5/2 |
| **224.52.10.1** |
|  |
| Weight gr. 1.155 |



3/2 - 5/2



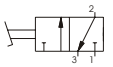

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1360 Nl/min | mm 8 | G 1/4" |

## Pedal aluminium 2-positions

3/2 - 5/2

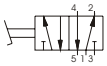
Ordering code

3/2 **224.32.10**



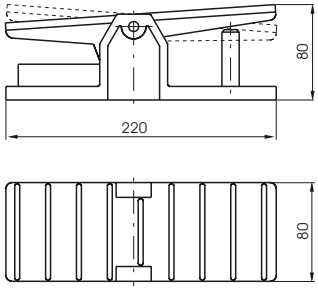
Weight gr. 1.060

5/2 **224.52.10**



Weight gr. 1.145



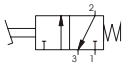



## Pedal protected spring

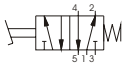
3/2 - 5/2

Ordering code

3/2 **214.32.10.1/1**
**214.32.10.2/1** without safety device

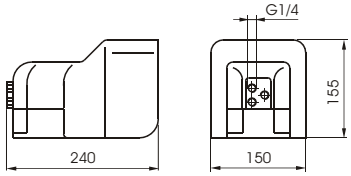


5/2 **214.52.10.1/1**
**214.52.10.2/1** without safety device



Weight gr. 1.730



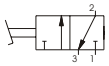



## Pedal protected 2-positions

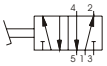
3/2 - 5/2

Ordering code

3/2 **214.32.10/1**

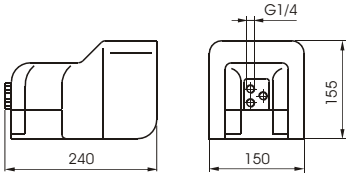


5/2 **214.52.10/1**



Weight gr. 1.730





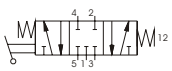

## Lever lateral spring - 3-positions

5/3

Ordering code

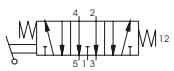
*Closed centres*

**224.53.31.9.1/1** *Red*
**224.53.31.9.1/2** *Black*
**224.53.31.9.1/3** *Green*



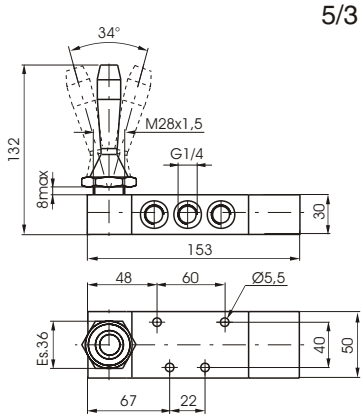
*Open centres*

**224.53.32.9.1/1** *Red*
**224.53.32.9.1/2** *Black*
**224.53.32.9.1/3** *Green*





Weight gr. 745




| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1360 Nl/min (3/2-5/2) 1280 Nl/min (5/3) | mm 8 | G 1/4" |

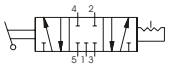
## Lever lateral 3-positions

5/3

Ordering code

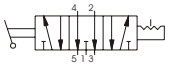
*Closed centres*

**224.53.31.9/1** *Red*
**224.53.31.9/2** *Black*
**224.53.31.9/3** *Green*

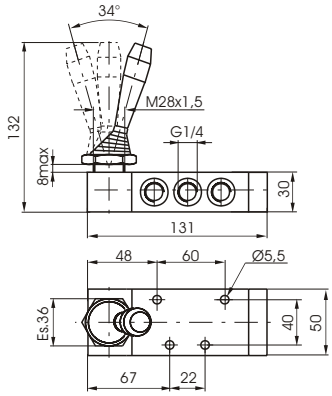


*Open centres*

**224.53.32.9/1** *Red*
**224.53.32.9/2** *Black*
**224.53.32.9/3** *Green*








Weight gr. 605

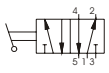
| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1280 Nl/min | mm 8 | G 1/4" |

## Lever lateral with locking device 2 positions

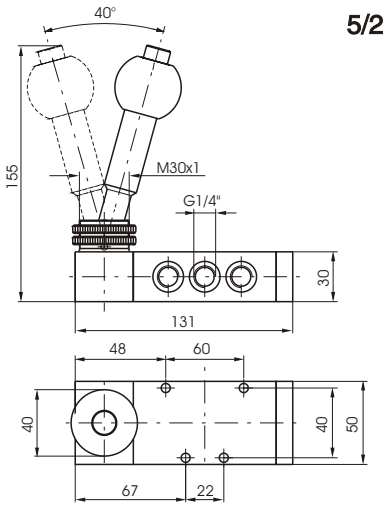
5/2

Ordering code

**224.52.9.2**








Weight gr. 825

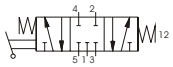
## Lever lateral with locking device spring - 3 positions

5/3

Ordering code

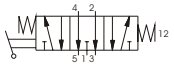
*Closed centres*

**224.53.31.9.2**

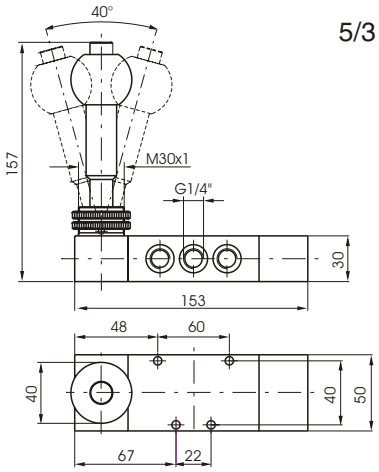


*Open centres*

**224.53.32.9.2**








Weight gr. 965

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1020 Nl/min | mm 7 | G 1/4" |

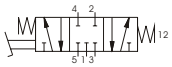
## Pedal spring - 3-positions

5/3

Ordering code

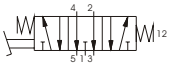
*Closed centres*

**224.53.31.10.1**

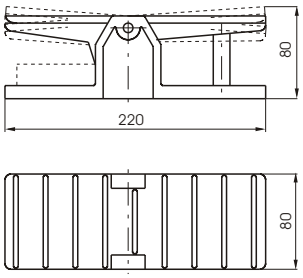


*Open centres*

**224.53.32.10.1**








Weight gr. 1.285

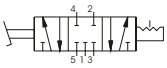
## Pedal 3-positions

5/3

Ordering code

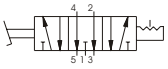
*Closed centres*

**224.53.31.10**

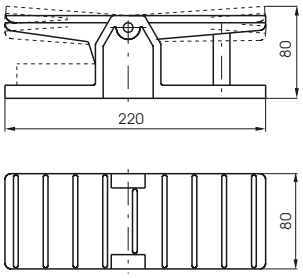


*Open centres*

**224.53.32.10**





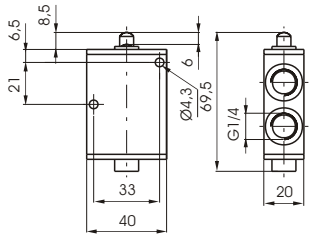



Weight gr. 1.145

| **Operational characteristics** | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 1280 Nl/min | mm 8 | G 1/4" |

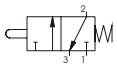
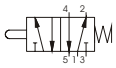
## Tappet spring

3/2





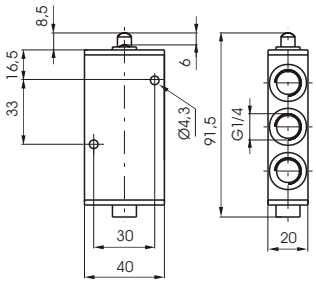

Ordering code

| 214/2.32.0.1 | 214/2.52.0.1 |
|---|---|
|  |  |
| Weight gr. 145 | Weight gr. 185 |

Operating force 51 N

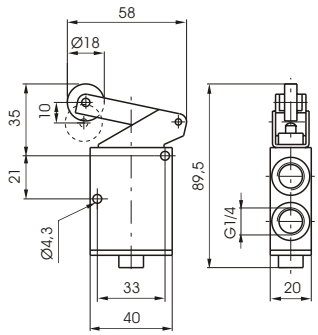


5/2



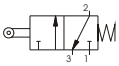
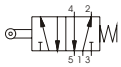

## Lever roller spring

3/2





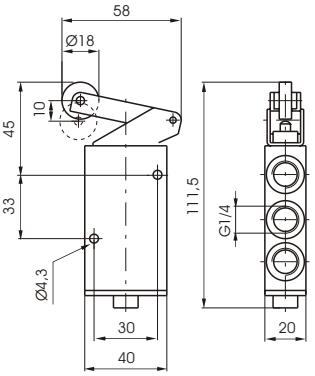

Ordering code

| 214/2.32.2.1 *Plastic roller* 214/2.32.2.1/2 *Metal roller* | 214/2.52.2.1 *Plastic roller* 214/2.52.2.1/2 *Metal roller* |
|---|---|
|  |  |
| Weight gr. 170 | Weight gr. 210 |

Operating force 24 N

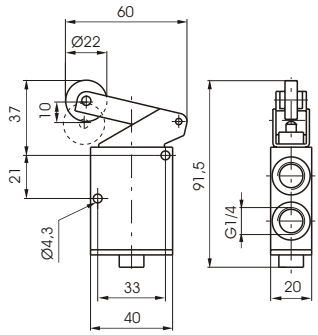


5/2



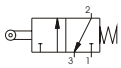
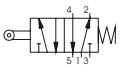

## Lever roller ball bearing spring

3/2





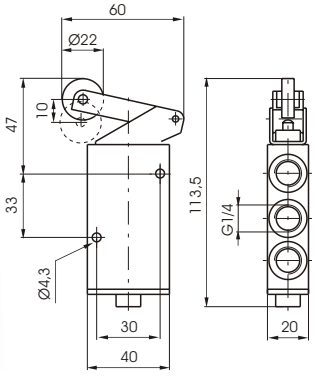

Ordering code

| 214/2.32.2.1/1 | 214/2.52.2.1/1 |
|---|---|
|  |  |
| Weight gr. 180 | Weight gr. 220 |

Operating force 24 N

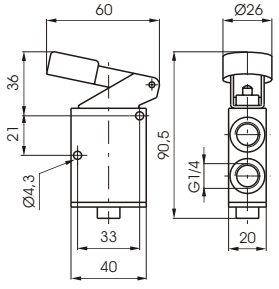


5/2



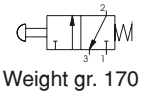

## Lever button spring

3/2





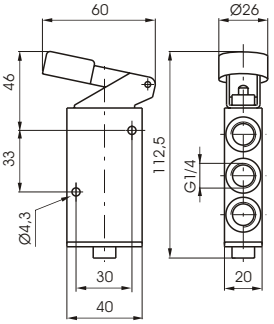

Ordering code

| 214/2.32.2.6/1 *Red* 214/2.32.2.6/2 *Black* 214/2.32.2.6/3 *Green* | 214/2.52.2.6/1 *Red* 214/2.52.2.6/2 *Black* 214/2.52.2.6/3 *Green* |
|---|---|
|  |  |
| Weight gr. 170 | Weight gr. 210 |

Operating force 24 N



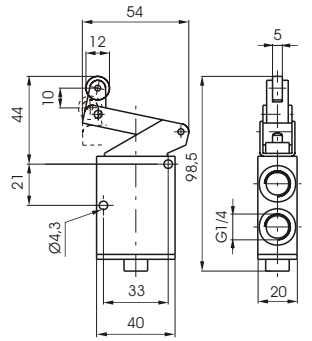
5/2



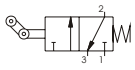
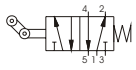

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 970 Nl/min | mm 7 | G 1/4" |

## Lever roller unidirectional spring

3/2



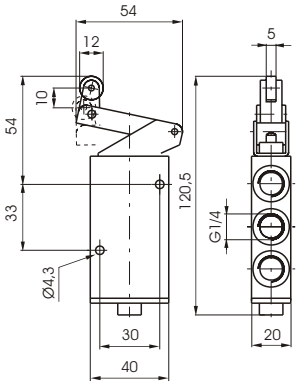



| Ordering code | |
|---|---|
| **214/2.32.3.1** *Plastic roller* **214/2.32.3.1/2** *Metal roller* | **214/2.52.3.1** *Plastic roller* **214/2.52.3.1/2** *Metal roller* |
|  |  |
| Weight gr. 170 | Weight gr. 210 |

Operating force 24 N

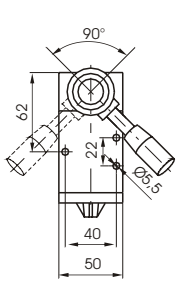


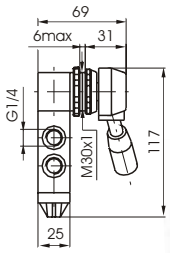
5/2

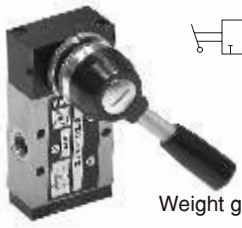


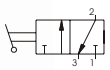
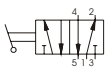

## Lever rotating 2-positions

3/2



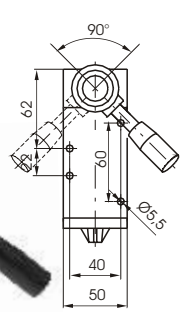



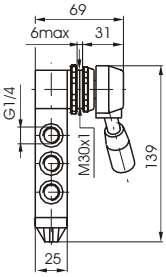



| Ordering code | |
|---|---|
| **214/2.32.5** | **214/2.52.5** |
|  |  |
| Weight gr. 540 | Weight gr. 600 |



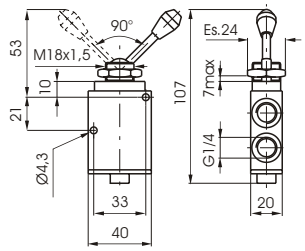
5/2



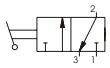




## Lever front 2-positions

3/2

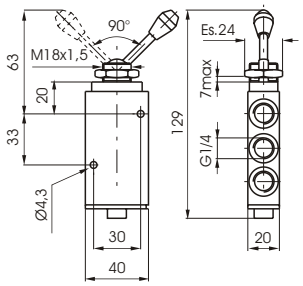





| Ordering code | |
|---|---|
| **214/2.32.55/1** *Red* **214/2.32.55/2** *Black* **214/2.32.55/3** *Green* | **214/2.52.55/1** *Red* **214/2.52.55/2** *Black* **214/2.52.55/3** *Green* |
|  |  |
| Weight gr. 165 | Weight gr. 205 |

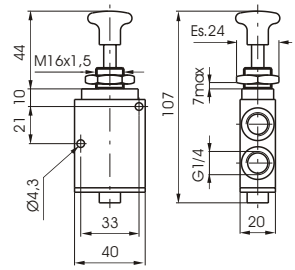


5/2

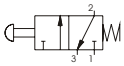
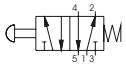



## Pushbutton spring

3/2



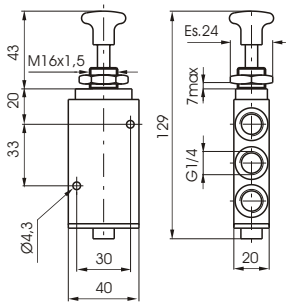



| Ordering code | |
|---|---|
| **214/2.32.8.1/1** *Red* **214/2.32.8.1/2** *Black* **214/2.32.8.1/3** *Green* | **214/2.52.8.1/1** *Red* **214/2.52.8.1/2** *Black* **214/2.52.8.1/3** *Green* |
|  |  |
| Weight gr. 165 | Weight gr. 205 |

Operating force 51 N



5/2

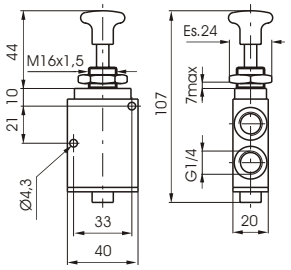



| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 970 Nl/min | mm 7 | G 1/4" |

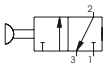
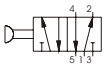
3/2

**Pushbutton**
**2-positions**

5/2

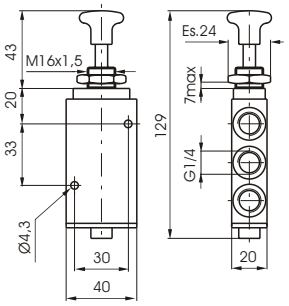





| Ordering code | |
|---|---|
| **214/2.32.8/1** *Red* **214/2.32.8/2** *Black* **214/2.32.8/3** *Green* | **214/2.52.8/1** *Red* **214/2.52.8/2** *Black* **214/2.52.8/3** *Green* |
|  |  |
| Weight gr. 160 | Weight gr. 200 |

Operating force 10 N



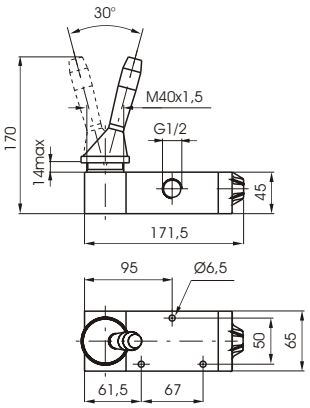


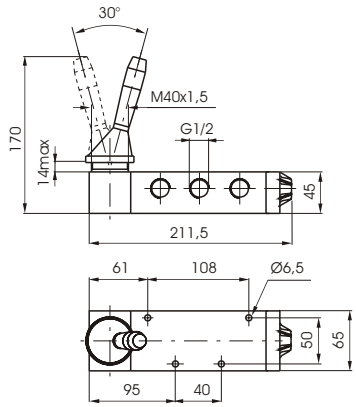

| **Operational characteristics** | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 970 Nl/min | mm 7 | G 1/4" |

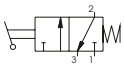
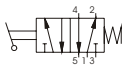
2

## Lever lateral spring

3/2 5/2



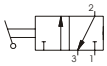
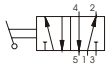




| Ordering code | |
|---|---|
| 3/2 | 5/2 |
| **212.32.9.1** | **212.52.9.1** |
|  |  |
| Weight gr. 1.480 | Weight gr. 1.765 |

## Lever lateral 2-positions



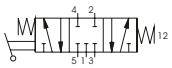
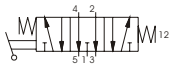


| Ordering code | |
|---|---|
| 3/2 | 5/2 |
| **212.32.9** | **212.52.9** |
|  |  |
| Weight gr. 1.460 | Weight gr. 1.745 |

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 3500 Nl/min (3/2-5/2) | mm 15 | G 1/2" |

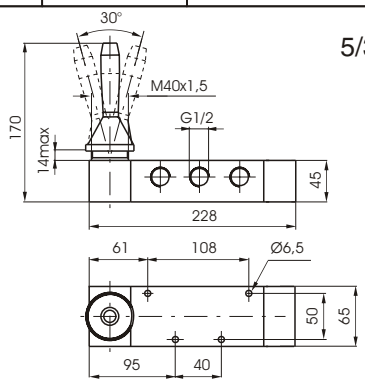
## Lever lateral spring - 3-positions

5/3

| Ordering code | |
|---|---|
| *Closed centres* | *Open centres* |
| **212.53.31.9.1** | **212.53.32.9.1** |
|  |  |

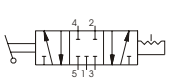
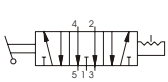


Weight gr. 2.100



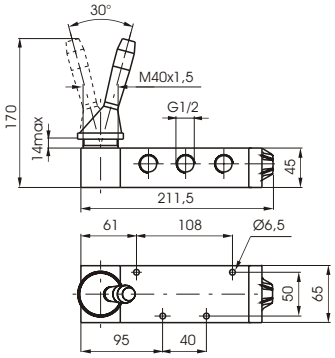

## Lever lateral 3-positions

5/3

| Ordering code | |
|---|---|
| *Closed centres* | *Open centres* |
| **212.53.31.9** | **212.53.32.9** |
|  |  |



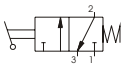
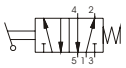
Weight gr. 1.765



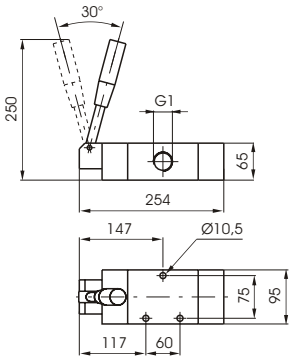

| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 3000 Nl/min | mm 15 | G 1/2" |

## Lever lateral spring

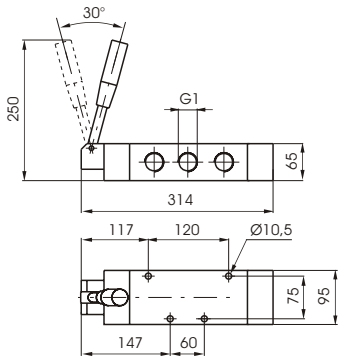
Ordering code

| 3/2 | 5/2 |
|---|---|
| **211.32.9.1** | **211.52.9.1** |
|  |  |
| Weight gr. 4.300 | Weight gr. 4.900 |

3/2

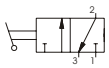
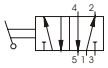



5/2




## Lever lateral 2-positions

Ordering code

| 3/2 | 5/2 |
|---|---|
| **211.32.9** | **211.52.9** |
|  |  |
| Weight gr. 4.300 | Weight gr. 4.900 |

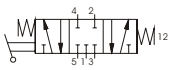
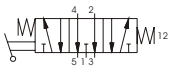




## Lever lateral spring - 3-positions

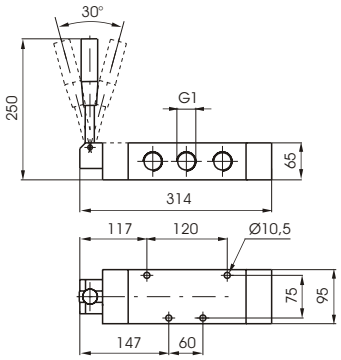
5/3

Ordering code

| *Closed centres* | *Open centres* |
|---|---|
| **211.53.31.9.1** | **211.53.32.9.1** |
|  |  |



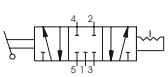
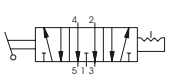
Weight gr. 5.000




## Lever lateral 3-positions

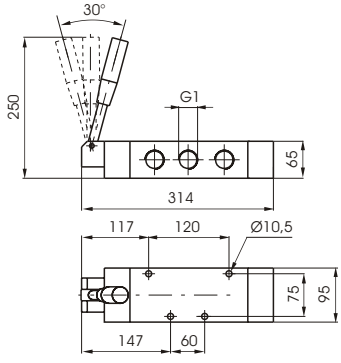
5/3

Ordering code

| *Closed centres* | *Open centres* |
|---|---|
| **211.53.31.9** | **211.53.32.9** |
|  |  |



Weight gr. 5.000




| Operational characteristics | Fluid | Max working pressure | Operating temperature | | Flow rate at 6 bar with Δ p = 1 | Ø Orefice size | Working port size |
|---|---|---|---|---|---|---|---|
| | Filtered and lubricated air | 10 bar | min. -5°C | max. +70°C | 6500 Nl/min | mm 20 | G 1" |