

## 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 ?????????



3/2	Tappet spring		5/2			
	<p>Ordering code</p> <table border="1"> <tr> <td data-bbox="351 347 805 537"> <p><b>228.32.0.1</b></p> <p>Weight gr. 85</p> </td> <td data-bbox="805 347 1141 537"> <p><b>228.52.0.1</b></p> <p>Weight gr. 105</p> </td> </tr> </table> <p>Operating force 33 N</p>		<p><b>228.32.0.1</b></p> <p>Weight gr. 85</p>	<p><b>228.52.0.1</b></p> <p>Weight gr. 105</p>		
<p><b>228.32.0.1</b></p> <p>Weight gr. 85</p>	<p><b>228.52.0.1</b></p> <p>Weight gr. 105</p>					
3/2	Tappet panel spring		5/2			
	<p>Ordering code</p> <table border="1"> <tr> <td data-bbox="351 795 805 985"> <p><b>228.32.1.1</b></p> <p>Weight gr. 102</p> </td> <td data-bbox="805 795 1141 985"> <p><b>228.52.1.1</b></p> <p>Weight gr. 122</p> </td> </tr> </table> <p>Operating force 33 N</p>		<p><b>228.32.1.1</b></p> <p>Weight gr. 102</p>	<p><b>228.52.1.1</b></p> <p>Weight gr. 122</p>		
<p><b>228.32.1.1</b></p> <p>Weight gr. 102</p>	<p><b>228.52.1.1</b></p> <p>Weight gr. 122</p>					
3/2	Lever roller spring		5/2			
	<p>Ordering code</p> <table border="1"> <tr> <td data-bbox="351 1243 805 1433"> <p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 115</p> </td> <td data-bbox="805 1243 1141 1433"> <p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 135</p> </td> </tr> </table> <p>Operating force 15 N</p>		<p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 115</p>	<p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 135</p>		
<p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 115</p>	<p><b>228.32.2.1</b> Plastic roller <b>228.32.2.1/2</b> Metal roller</p> <p>Weight gr. 135</p>					
3/2	Lever roller ball bearings spring		5/2			
	<p>Ordering code</p> <table border="1"> <tr> <td data-bbox="351 1691 805 1881"> <p><b>228.32.2.1/1</b></p> <p>Weight gr. 130</p> </td> <td data-bbox="805 1691 1141 1881"> <p><b>228.52.2.1/1</b></p> <p>Weight gr. 150</p> </td> </tr> </table> <p>Operating force 15 N</p>		<p><b>228.32.2.1/1</b></p> <p>Weight gr. 130</p>	<p><b>228.52.2.1/1</b></p> <p>Weight gr. 150</p>		
<p><b>228.32.2.1/1</b></p> <p>Weight gr. 130</p>	<p><b>228.52.2.1/1</b></p> <p>Weight gr. 150</p>					
<p><b>Operational characteristics</b></p>	<p>Fluid</p> <p>Filtered and lubricated air</p>	<p>Max working pressure</p> <p>10 bar</p>	<p>Operating temperature</p> <p>min. -5°C max. +70°C</p>	<p>Flow rate at 6 bar with <math>\Delta p = 1</math></p> <p>540 NI/min</p>	<p>Ø Orifice size</p> <p>mm 6</p>	<p>Working port size</p> <p>G 1/8"</p>



**3/2** **5/2**

**Lever button spring**

Ordering code

<b>228.32.2.6/1</b> <i>Red</i>	<b>228.52.2.6/1</b> <i>Red</i>
<b>228.32.2.6/2</b> <i>Black</i>	<b>228.52.2.6/2</b> <i>Black</i>
<b>228.32.2.6/3</b> <i>Green</i>	<b>228.52.2.6/3</b> <i>Green</i>

Weight gr. 120      Weight gr. 140

Operating force 15 N

**3/2** **5/2**

**Switch lateral 2-positions**

Ordering code

<b>228.32.27</b>	<b>228.52.27</b>
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Weight gr. 190      Weight gr. 210

**3/2** **5/2**

**Lever roller unidirectional spring**

Ordering code

<b>228.32.3.1</b> <i>Plastic roller</i>	<b>228.52.3.1</b> <i>Plastic roller</i>
<b>228.32.3.1/2</b> <i>Metal roller</i>	<b>228.52.3.1/2</b> <i>Metal roller</i>

Weight gr. 110      Weight gr. 130

Operating force 15 N

**3/2** **5/2**

**Lever roller lateral bidirectional spring**

Ordering code

<b>228.32.4.1</b>	<b>228.52.4.1</b>
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Weight gr. 180      Weight gr. 200

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

3/2	Lever sensitive differential		5/2			
Ordering code						
<p><b>228.32.4.13</b></p>		<p><b>228.52.4.13</b></p>				
<p>Weight gr. 200 Minimum working pressure 2,5 bar</p>		<p>Weight gr. 220</p>				
3/2	Lever panel Ø 30 2-positions		5/2			
Ordering code						
<p><b>228.32.5/1</b> <i>Red</i></p> <p><b>228.32.5/2</b> <i>Black</i></p> <p><b>228.32.5/3</b> <i>Green</i></p>		<p><b>228.52.5/1</b> <i>Red</i></p> <p><b>228.52.5/2</b> <i>Black</i></p> <p><b>228.52.5/3</b> <i>Green</i></p>				
<p>Weight gr. 198</p>		<p>Weight gr. 218</p>				
3/2	Lever front 2-positions		5/2			
Ordering code						
<p><b>228.32.55/1</b> <i>Red</i></p> <p><b>228.32.55/2</b> <i>Black</i></p> <p><b>228.32.55/3</b> <i>Green</i></p>		<p><b>228.52.55/1</b> <i>Red</i></p> <p><b>228.52.55/2</b> <i>Black</i></p> <p><b>228.52.55/3</b> <i>Green</i></p>				
<p>Weight gr. 115</p>		<p>Weight gr. 135</p>				
3/2	Pushbutton Ø 30 spring		5/2			
Ordering code						
<p><b>228.32.6.1/1</b> <i>Red</i></p> <p><b>228.32.6.1/2</b> <i>Black</i></p> <p><b>228.32.6.1/3</b> <i>Green</i></p>		<p><b>228.52.6.1/1</b> <i>Red</i></p> <p><b>228.52.6.1/2</b> <i>Black</i></p> <p><b>228.52.6.1/3</b> <i>Green</i></p>				
<p>Weight gr. 155</p>		<p>Weight gr. 175</p>				
Operating force 33 N						
Operational characteristics	<p>Fluid</p> <p>Filtered and lubricated air</p>	<p>Max working pressure</p> <p>10 bar</p>	<p>Operating temperature</p> <p>min. -5°C</p> <p>max. +70°C</p>	<p>Flow rate at 6 bar with Δ p = 1</p> <p>540 NI/min</p>	<p>Ø Orifice size</p> <p>mm 6</p>	<p>Working port size</p> <p>G 1/8"</p>



**3/2 Sensitive pushbutton Ø 30 differential 5/2**

Ordering code

<b>228.32.6.13/1</b> Red	<b>228.52.6.13/1</b> Red
<b>228.32.6.13/2</b> Black	<b>228.52.6.13/2</b> Black
<b>228.32.6.13/3</b> Green	<b>228.52.6.13/3</b> Green

Weight gr. 197      Weight gr. 217  
Operating force 18,5 N (at 6 bar)

**3/2 Push button spring 5/2**

Ordering code

<b>228.32.6.22/1</b> Red	<b>228.52.6.22/1</b> Red
<b>228.32.6.22/2</b> Black	<b>228.52.6.22/2</b> Black
<b>228.32.6.22/3</b> Green	<b>228.52.6.22/3</b> Green
<b>228.32.6.22/4</b> Yellow	<b>228.52.6.22/4</b> Yellow

Weight gr. 225      Weight gr. 245  
Operating force 33 N

**3/2 Raised pushbutton spring 5/2**

Ordering code

<b>228.32.6.23/1</b> Red	<b>228.52.6.23/1</b> Red
<b>228.32.6.23/2</b> Black	<b>228.52.6.23/2</b> Black
<b>228.32.6.23/3</b> Green	<b>228.52.6.23/3</b> Green
<b>228.32.6.23/4</b> Yellow	<b>228.52.6.23/4</b> Yellow

Weight gr. 230      Weight gr. 250  
Operating force 33 N

**3/2 Palm button 2-positions 5/2**

Ordering code

<b>228.32.6.25</b>	<b>228.52.6.25</b>
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Weight gr. 235      Weight gr. 255  
Operating force 33 N

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

3/2	<p align="center"><b>Switch 2-positions</b></p> <hr/> <p align="center">Ordering code</p>		5/2			
<p>116 27 8max G1/8 32 40 Ø22</p>	<p><b>228.32.6.27</b>  Weight gr. 230</p>	<p><b>228.52.6.27</b>  Weight gr. 250</p>	<p>132 27 8max G1/8 32 40 Ø22</p>			
3/2	<p align="center"><b>Key switch 2-positions</b></p> <hr/> <p align="center">Ordering code</p>		5/2			
<p>144 48 8max G1/8 32 40 Ø22</p>	<p><b>228.32.6.28</b>  Weight gr. 230</p>	<p><b>228.52.6.28</b>  Weight gr. 250</p>	<p>161 48 8max G1/8 32 40 Ø22</p>			
3/2	<p align="center"><b>Palm push button Ø 30 spring</b></p> <hr/> <p align="center">Ordering code</p>		5/2			
<p>28.5 17 19 M30x1 94 11max G1/8 32 20 Ø4.3 18</p>	<p><b>228.32.7.1/1</b> <i>Red</i> <b>228.32.7.1/2</b> <i>Black</i> <b>228.32.7.1/3</b> <i>Green</i>  Weight gr. 148</p>	<p><b>228.52.7.1/1</b> <i>Red</i> <b>228.52.7.1/2</b> <i>Black</i> <b>228.52.7.1/3</b> <i>Green</i>  Weight gr. 168</p>	<p>18 27.5 17 19 M30x1 111 11max G1/8 32 20 Ø4.3 18</p>			
Operating force 33 N						
3/2	<p align="center"><b>Push button spring</b></p> <hr/> <p align="center">Ordering code</p>		5/2			
<p>44 28.5 M16x1.5 102 19.5 18 G1/8 32 20 Ø4.3 18</p>	<p><b>228.32.8.1/1</b> <i>Red</i> <b>228.32.8.1/2</b> <i>Black</i> <b>228.32.8.1/3</b> <i>Green</i>  Weight gr. 120</p>	<p><b>228.52.8.1/1</b> <i>Red</i> <b>228.52.8.1/2</b> <i>Black</i> <b>228.52.8.1/3</b> <i>Green</i>  Weight gr. 140</p>	<p>44 18 27.5 M16x1.5 119 19.5 18 G1/8 32 20 Ø4.3 18</p>			
Operating force 33 N						
<p><b>Operational characteristics</b></p>	<p>Fluid Filtered and lubricated air</p>	<p>Max working pressure 10 bar</p>	<p>Operating temperature min. -5°C max. +70°C</p>	<p>Flow rate at 6 bar with Δ p = 1 540 NI/min</p>	<p>Ø Orifice size mm 6</p>	<p>Working port size G 1/8"</p>



**3/2 Push button 2-positions 5/2**

Ordering code

<b>228.32.8/1</b> Red	<b>228.52.8/1</b> Red
<b>228.32.8/2</b> Black	<b>228.52.8/2</b> Black
<b>228.32.8/3</b> Green	<b>228.52.8/3</b> Green

Weight gr. 120      Weight gr. 140  
Operating force 10 N

**Lever lateral spring 3/2 5/2**

Ordering code

<b>228.32. .1/1</b> Red	<b>228.52. .1/1</b> Red
<b>228.32. .1/2</b> Black	<b>228.52. .1/2</b> Black
<b>228.32. .1/3</b> Green	<b>228.52. .1/3</b> Green

Weight gr. 140      Weight gr. 160

**Lever lateral 2-positions**

Ordering code

<b>228.32. /1</b> Red	<b>228.52. /1</b> Red
<b>228.32. /2</b> Black	<b>228.52. /2</b> Black
<b>228.32. /3</b> Green	<b>228.52. /3</b> Green

Weight gr. 140      Weight gr. 160

**Pedal aluminium 2-positions 3/2 - 5/2**

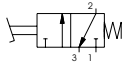
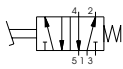

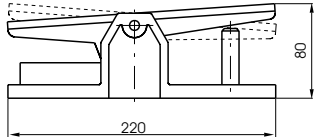
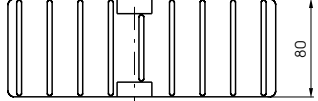
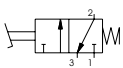


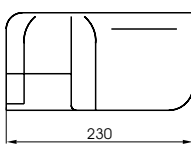
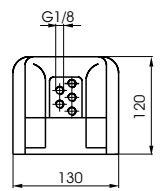
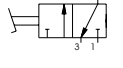


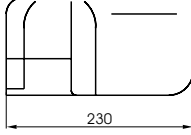
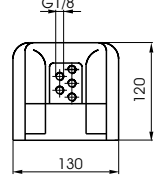
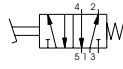

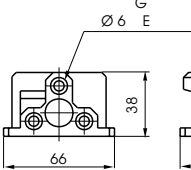
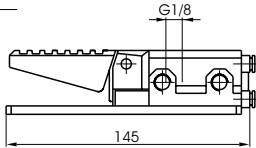
Ordering code

<b>228.32.10</b> 3/2	<b>228.52.10</b> 5/2
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Weight gr. 790      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 NI/min	mm 6	G 1/8"



<p><b>Pedal aluminium spring</b></p> <p>Ordering code</p> <p>3/2 <b>228.32.10.1</b></p>  <p>Weight gr. 790</p> <p>5/2 <b>228.52.10.1</b></p>  <p>Weight gr. 810</p>		<p>3/2 - 5/2</p>   					
<p><b>Pedal protected spring</b></p> <p>Ordering code</p> <p>3/2 <b>228.32.10.1/1</b> <b>228.32.10.2/1</b> without safet device</p>  <p>5/2 <b>228.52.10.1/1</b> <b>228.52.10.2/1</b> without safet device</p>  <p>Weight gr. 1.120</p>		<p>3/2 - 5/2</p>   					
<p><b>Pedal protected 2-positions</b></p> <p>Ordering code</p> <p>3/2 <b>228.32.10/1</b></p>  <p>5/2 <b>228.52.10/1</b></p>  <p>Weight gr. 1.120</p>		<p>3/2 - 5/2</p>   					
<p><b>Pedal plastic miniaturi ed spring</b></p> <p>Ordering code</p> <p><b>228.52.10.1P</b> <b>228.52.10.1P</b> (Stainless steel spool)</p>  <p>Weight gr. 230</p>		<p>5/2</p>   					
<p><b>Operational characteristics</b></p>	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orefice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	540 NI/min	mm 6	G 1/8"

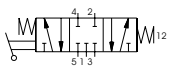


**Lever lateral  
spring centre - 3-positions**

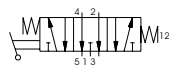
5/3

Ordering code

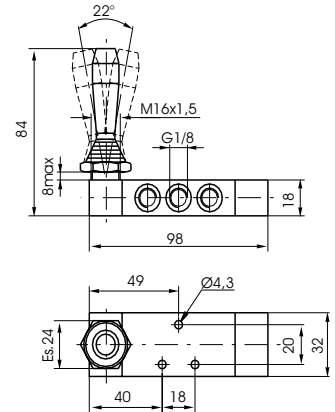
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**228.53.31. .1/1 Red**  
**228.53.31. .1/2 Black**  
**228.53.31. .1/3 Green**



*en centres*  
**228.53.32. .1/1 Red**  
**228.53.32. .1/2 Black**  
**228.53.32. .1/3 Green**



Weight gr. 190

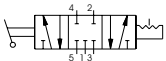


**Lever lateral  
3-position detent**

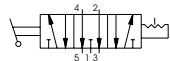
5/3

Ordering code

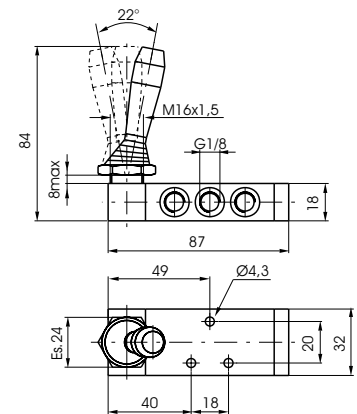
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**228.53.31. /1 Red**  
**228.53.31. /2 Black**  
**228.53.31. /3 Green**



*en centres*  
**228.53.32. /1 Red**  
**228.53.32. /2 Black**  
**228.53.32. /3 Green**



Weight gr. 160

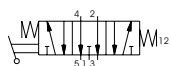


**Lever central**

5/3

Ordering code

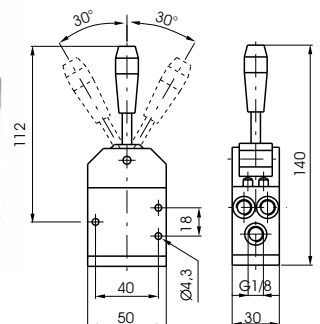
*en centres  
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**228.53.32. /1 Red**  
**228.53.32. /2 Black**



*en centres  
ositions*  
**228.53.32. .2/1 Red**  
**228.53.32. .2/2 Black**



*en centres  
ositions*  
**228.53.32. .3/1 Red**  
**228.53.32. .3/2 Black**



Weight gr. 140

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

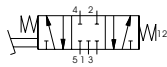


**Pedal spring  
3-positions**

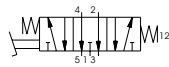
5/3

Ordering code

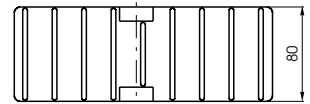
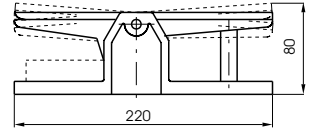
*losed centres*  
**228.53.31.10.1**



*en centres*  
**228.53.32.10.1**



Weight gr. 810



Operational characteristics	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orifice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	410 NI/min	mm 6	G 1/8"



**3/2** **5/2**

**Tappet spring**

Ordering code

<b>224.32.1.1</b>	<b>224.52.1.1</b>
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Weight gr. 370      Weight gr. 455

Operating force 71,5 N

**3/2** **5/2**

**Lever roller spring**

Ordering code

<b>224.32.2.1</b>	<b>224.52.2.1</b>
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Weight gr. 510      Weight gr. 595

Operating force 35 N

**3/2** **5/2**

**Lever roller unidirectional spring**

Ordering code

<b>224.32.3.1</b>	<b>224.52.3.1</b>
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Weight gr. 525      Weight gr. 610

Operating force 35 N

**3/2** **5/2**

**Pushbutton spring**

Ordering code

<b>224.32.8.1</b>	<b>224.52.8.1</b>
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Weight gr. 395      Weight gr. 480

Operating force 71,5 N

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



**3/2** **5/2**

**Pushbutton  
2-positions**

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Ordering code

<p><b>224.32.8</b></p> <p>Weight gr. 385</p>	<p><b>224.52.8</b></p> <p>Weight gr. 470</p>
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Operating force 10 N

**Lever lateral spring**

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Ordering code

<p><b>3/2</b></p> <p><b>224.32. .1/1</b> <i>Red</i></p> <p><b>224.32. .1/2</b> <i>Black</i></p> <p><b>224.32. .1/3</b> <i>Green</i></p> <p>Weight gr. 520</p>	<p><b>5/2</b></p> <p><b>224.52. .1/1</b> <i>Red</i></p> <p><b>224.52. .1/2</b> <i>Black</i></p> <p><b>224.52. .1/3</b> <i>Green</i></p> <p>Weight gr. 605</p>
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**Lever lateral  
2-positions**

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Ordering code

<p><b>224.32. /1</b> <i>Red</i></p> <p><b>224.32. /2</b> <i>Black</i></p> <p><b>224.32. /3</b> <i>Green</i></p> <p>Weight gr. 510</p>	<p><b>224.52. /1</b> <i>Red</i></p> <p><b>224.52. /2</b> <i>Black</i></p> <p><b>224.52. /3</b> <i>Green</i></p> <p>Weight gr. 595</p>
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**Pedal aluminium spring**

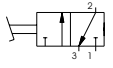

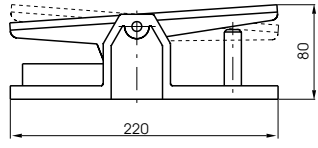
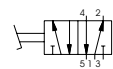
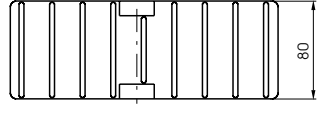
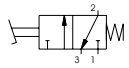

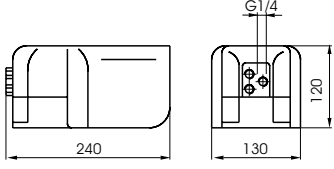
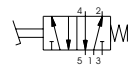
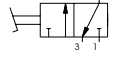

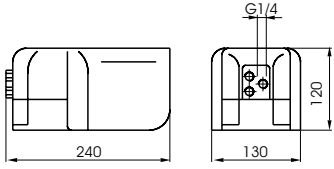
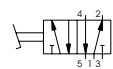
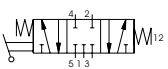
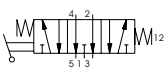

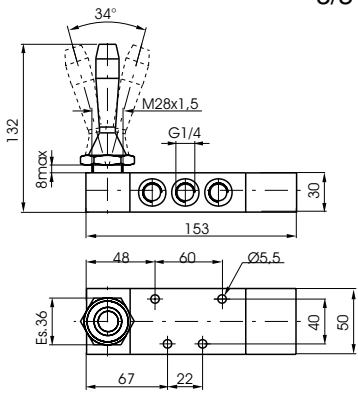
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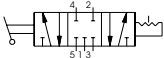


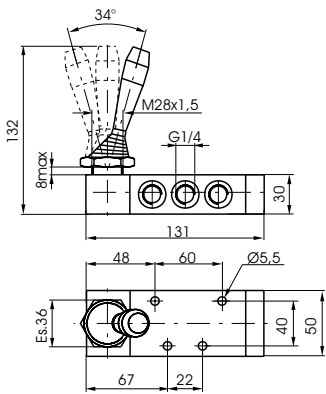
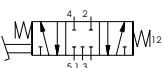


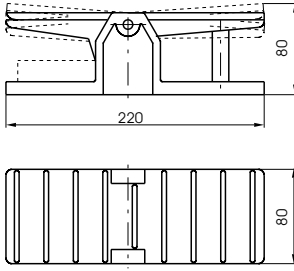
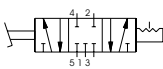
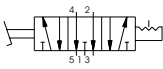

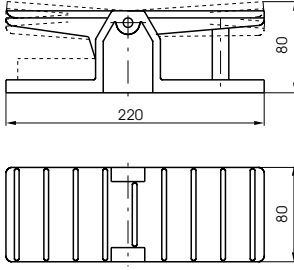
Ordering code

<p><b>3/2</b></p> <p><b>224.32.10.1</b></p> <p>Weight gr. 1.070</p>	<p><b>5/2</b></p> <p><b>224.52.10.1</b></p> <p>Weight gr. 1.155</p>
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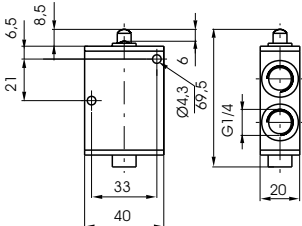

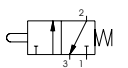

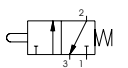

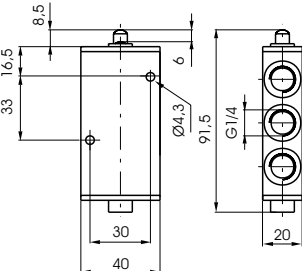

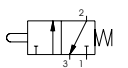

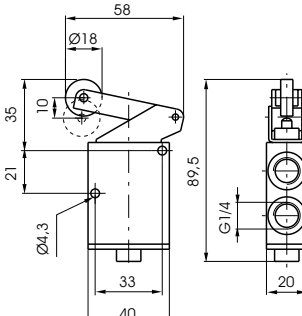

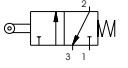

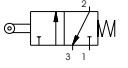

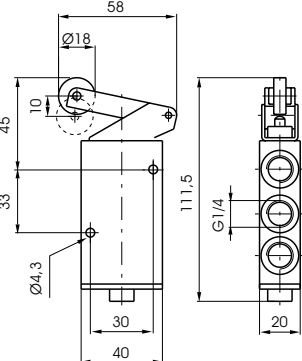

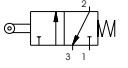

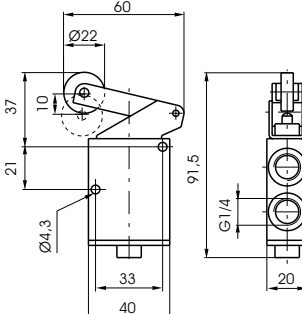

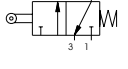

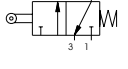

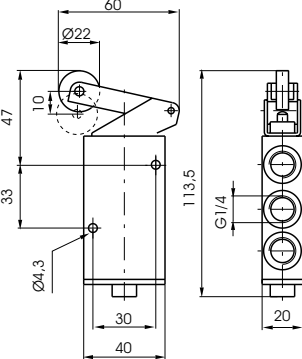

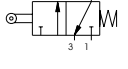

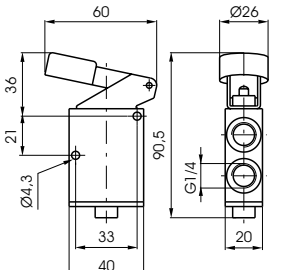

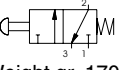

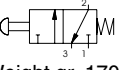

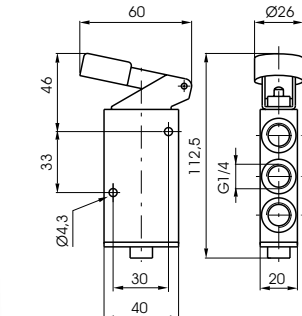

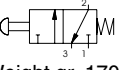

<b>Operational characteristics</b>	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orifice size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	1360 NI/min	mm 8
						Working port size
						G 1/4"



<p><b>Pedal aluminium 2-positions</b></p>				3/2 - 5/2			
Ordering code							
3/2	<p><b>224.32.10</b></p>  <p>Weight gr. 1.060</p>						
5/2	<p><b>224.52.10</b></p>  <p>Weight gr. 1.145</p>						
<p><b>Pedal protected spring</b></p>				3/2 - 5/2			
Ordering code							
3/2	<p><b>214.32.10.1/1</b> <b>214.32.10.2/1</b> without safet device</p> 						
5/2	<p><b>214.52.10.1/1</b> <b>214.52.10.2/1</b> without safet device</p>  <p>Weight gr. 1.730</p>						
<p><b>Pedal protected 2-positions</b></p>				3/2 - 5/2			
Ordering code							
3/2	<p><b>214.32.10/1</b></p> 						
5/2	<p><b>214.52.10/1</b></p>  <p>Weight gr. 1.730</p>						
<p><b>Lever lateral spring - 3-positions</b></p>				5/3			
Ordering code							
<p><i>losed centres</i></p> <p><b>224.53.31. .1/1 Red</b> <b>224.53.31. .1/2 Black</b> <b>224.53.31. .1/3 Green</b></p> 		<p><i>en centres</i></p> <p><b>224.53.32. .1/1 Red</b> <b>224.53.32. .1/2 Black</b> <b>224.53.32. .1/3 Green</b></p> 		 <p>Weight gr. 745</p>			
							
Operational characteristics	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orefice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	1360 NI/min (3/2-5/2) 1280 NI/min (5/3)	mm 8	G 1/4"

<p><b>Lever lateral 3-positions</b></p> <p>Ordering code</p>						5/3	
<p><i>losed centres</i></p> <p><b>224.53.31. /1 Red</b> <b>224.53.31. /2 Black</b> <b>228.53.31. /3 Green</b></p> 		<p><i>en centres</i></p> <p><b>224.53.32. /1 Red</b> <b>224.53.32. /2 Black</b> <b>224.53.32. /3 Green</b></p> 		 <p>Weight gr. 605</p>			
<p><b>Pedal spring - 3-positions</b></p> <p>Ordering code</p>						5/3	
<p><i>losed centres</i></p> <p><b>224.53.31.10.1</b></p> 		<p><i>en centres</i></p> <p><b>224.53.32.10.1</b></p> 		 <p>Weight gr. 1.285</p>			
<p><b>Pedal 3-positions</b></p> <p>Ordering code</p>						5/3	
<p><i>losed centres</i></p> <p><b>224.53.31.10</b></p> 		<p><i>en centres</i></p> <p><b>224.53.32.10</b></p> 		 <p>Weight gr. 1.145</p>			
<p><b>Operational characteristics</b></p>	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	Ø Orifice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	1280 NI/min	mm 8	G 1/4"



<p>3/2</p>  	<p style="text-align: center;"><b>Tappet spring</b></p> <hr/> <p style="text-align: center;">Ordering code</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.32.0.1</b></p>  </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.52.0.1</b></p>  </td> </tr> </table> <p style="text-align: center;">Weight gr. 145      Weight gr. 185 Operating force 51 N</p>		<p><b>214/2.32.0.1</b></p> 	<p><b>214/2.52.0.1</b></p> 	<p>5/2</p>  	
<p><b>214/2.32.0.1</b></p> 	<p><b>214/2.52.0.1</b></p> 					
<p>3/2</p>  	<p style="text-align: center;"><b>Lever roller spring</b></p> <hr/> <p style="text-align: center;">Ordering code</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.32.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.32.2.1/2</b> <i>Metal roller</i></p>  </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.52.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.52.2.1/2</b> <i>Metal roller</i></p>  </td> </tr> </table> <p style="text-align: center;">Weight gr. 170      Weight gr. 210 Operating force 24 N</p>		<p><b>214/2.32.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.32.2.1/2</b> <i>Metal roller</i></p> 	<p><b>214/2.52.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.52.2.1/2</b> <i>Metal roller</i></p> 	<p>5/2</p>  	
<p><b>214/2.32.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.32.2.1/2</b> <i>Metal roller</i></p> 	<p><b>214/2.52.2.1</b> <i>Plastic roller</i></p> <p><b>214/2.52.2.1/2</b> <i>Metal roller</i></p> 					
<p>3/2</p>  	<p style="text-align: center;"><b>Lever roller ball bearing spring</b></p> <hr/> <p style="text-align: center;">Ordering code</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.32.2.1/1</b></p>  </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.52.2.1/1</b></p>  </td> </tr> </table> <p style="text-align: center;">Weight gr. 180      Weight gr. 220 Operating force 24 N</p>		<p><b>214/2.32.2.1/1</b></p> 	<p><b>214/2.52.2.1/1</b></p> 	<p>5/2</p>  	
<p><b>214/2.32.2.1/1</b></p> 	<p><b>214/2.52.2.1/1</b></p> 					
<p>3/2</p>  	<p style="text-align: center;"><b>Lever button spring</b></p> <hr/> <p style="text-align: center;">Ordering code</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.32.2.6/1</b> <i>Red</i></p> <p><b>214/2.32.2.6/2</b> <i>Black</i></p> <p><b>214/2.32.2.6/3</b> <i>Green</i></p>  </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p><b>214/2.52.2.6/1</b> <i>Red</i></p> <p><b>214/2.52.2.6/2</b> <i>Black</i></p> <p><b>214/2.52.2.6/3</b> <i>Green</i></p>  </td> </tr> </table> <p style="text-align: center;">Weight gr. 170      Weight gr. 210 Operating force 24 N</p>		<p><b>214/2.32.2.6/1</b> <i>Red</i></p> <p><b>214/2.32.2.6/2</b> <i>Black</i></p> <p><b>214/2.32.2.6/3</b> <i>Green</i></p> 	<p><b>214/2.52.2.6/1</b> <i>Red</i></p> <p><b>214/2.52.2.6/2</b> <i>Black</i></p> <p><b>214/2.52.2.6/3</b> <i>Green</i></p> 	<p>5/2</p>  	
<p><b>214/2.32.2.6/1</b> <i>Red</i></p> <p><b>214/2.32.2.6/2</b> <i>Black</i></p> <p><b>214/2.32.2.6/3</b> <i>Green</i></p> 	<p><b>214/2.52.2.6/1</b> <i>Red</i></p> <p><b>214/2.52.2.6/2</b> <i>Black</i></p> <p><b>214/2.52.2.6/3</b> <i>Green</i></p> 					
<p><b>Operational characteristics</b></p>	<p>Fluid</p> <p>Filtered and lubricated air</p>	<p>Max working pressure</p> <p>10 bar</p>	<p>Operating temperature</p> <p>min. -5°C      max. +70°C</p>	<p>Flow rate at 6 bar with <math>\Delta p = 1</math></p> <p>970 NI/min</p>	<p>Ø Orefice size</p> <p>mm 7</p>	<p>Working port size</p> <p>G 1/4"</p>



**3/2** **5/2**

**Lever roller unidirectional spring**

Ordering code

---

**214/2.32.3.1**  
*Plastic roller*

**214/2.32.3.1/2**  
*Metal roller*

Weight gr. 170

**214/2.52.3.1**  
*Plastic roller*

**214/2.52.3.1/2**  
*Metal roller*

Weight gr. 210

Operating force 24 N

**3/2** **5/2**

**Lever rotating 2-positions**

Weight gr. 540

Ordering code

---

**214/2.32.5**

**214/2.52.5**

Weight gr. 600

**3/2** **5/2**

**Lever front 2-positions**

Weight gr. 165

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. 205

**3/2** **5/2**

**Pushbutton spring**

Weight gr. 165

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*

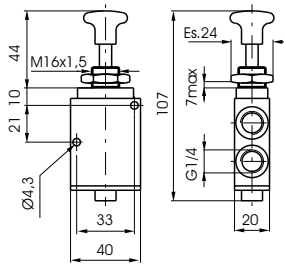
Weight gr. 205

Operating force 51 N

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



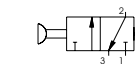
3/2



**Pushbutton  
2-positions**

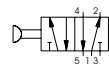
Ordering code

**214/2.32.8/1**  
*Red*  
**214/2.32.8/2**  
*Black*  
**214/2.32.8/3**  
*Green*



Weight gr. 160

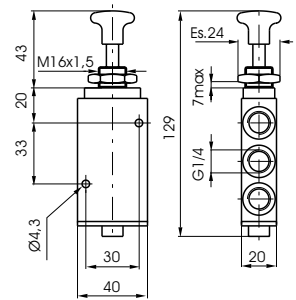
**214/2.52.8/1**  
*Red*  
**214/2.52.8/2**  
*Black*  
**214/2.52.8/3**  
*Green*



Weight gr. 200

Operating force 10 N

5/2

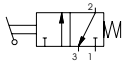

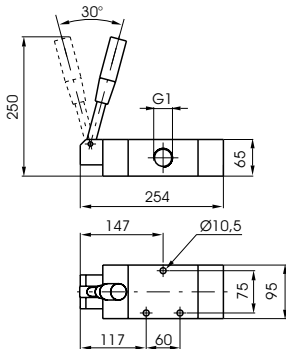
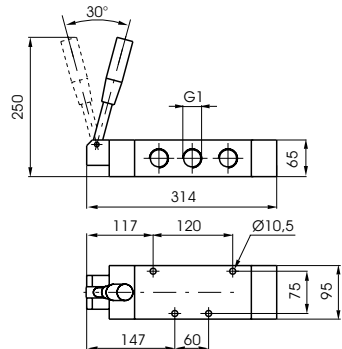
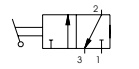
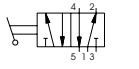


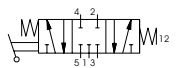
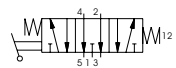

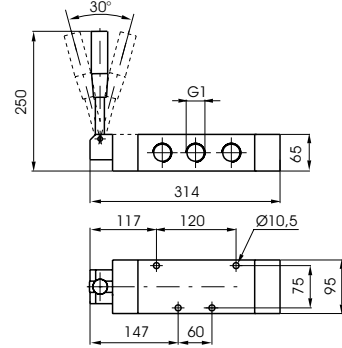
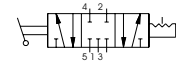
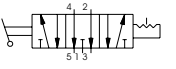

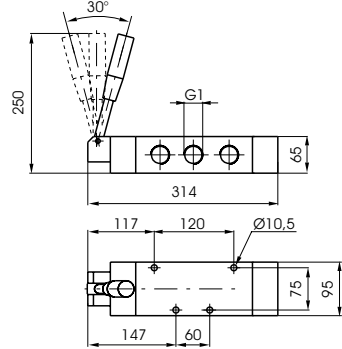


Operational characteristics	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orifice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	970 NI/min	mm 7	G 1/4"



Lever lateral spring		3/2		5/2			
Ordering code							
3/2 <b>212.32.9.1</b>	5/2 <b>212.52.9.1</b>						
Weight gr. 1.480	Weight gr. 1.765						
Lever lateral 2-positions							
Ordering code							
3/2 <b>212.32.9</b>	5/2 <b>212.52.9</b>						
Weight gr. 1.460	Weight gr. 1.745						
<b>Operational characteristics</b>	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orifice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	3500 NI/min (3/2-5/2)	mm 15	G 1/2"
Lever lateral spring - 3-positions							
Ordering code							
Closed centres <b>212.53.31.9.1</b>	Open centres <b>212.53.32.9.1</b>						
		Weight gr. 2.100					
Lever lateral 3-positions							
Ordering code							
Closed centres <b>212.53.31.9</b>	Open centres <b>212.53.32.9</b>						
		Weight gr. 1.765					
<b>Operational characteristics</b>	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orifice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	3000 NI/min	mm 15	G 1/2"



Lever lateral spring		3/2		5/2			
Ordering code							
3/2 <b>211.32.9.1</b>	5/2 <b>211.52.9.1</b>						
Weight gr. 4.300	Weight gr. 4.900						
Lever lateral 2-positions							
Ordering code							
3/2 <b>211.32.9</b>	5/2 <b>211.52.9</b>						
Weight gr. 4.300	Weight gr. 4.900						
Lever lateral spring - 3-positions		5/3					
Ordering code							
Closed centres <b>211.53.31.9.1</b>	Open centres <b>211.53.32.9.1</b>						
							
		Weight gr. 5.000					
Lever lateral 3-positions		5/3					
Ordering code							
Closed centres <b>211.53.31.9</b>	Open centres <b>211.53.32.9</b>						
							
		Weight gr. 5.000					
Operational characteristics	Fluid	Max working pressure	Operating temperature		Flow rate at 6 bar with $\Delta p = 1$	$\varnothing$ Orefice size	Working port size
	Filtered and lubricated air	10 bar	min. -5°C	max. +70°C	6500 NI/min	mm 20	G 1"