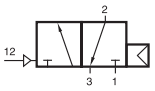
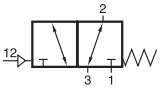
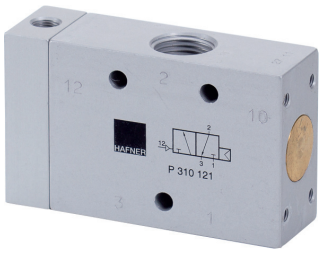
P 310 101/P 310 121/P 310 181
P 311 101/P 311 121/P 311 181



P 310 101
P 310 121
P 310 181
P 310 121 NPT



P 311 101
P 311 121
P 311 181
P 311 121 NPT



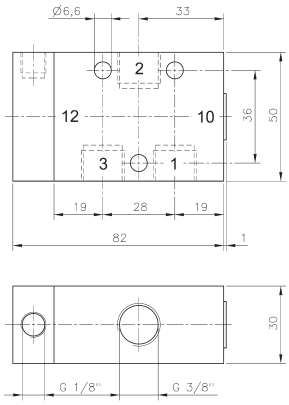
Pneumatically actuated 3/2-way spool valve.

Type P 310 _ _ _ with air-spring-return.
Operating pressure and actuating pressure should be at the same level. Pressure can be applied to port 1 (NC) or port 2 (NO).

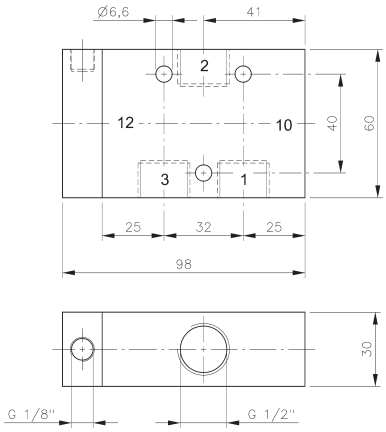
Type P 311 _ _ _ with mechanical spring return.
Pressure can be applied to port 1 (NC), port 2 (NO) or port 3 (switch).

If 2/2-way is required, please use type P 311 _ _ _.
Ports can be fully plugged.

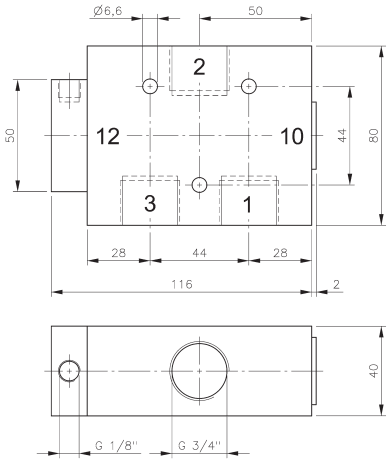
Exhaust can be throttled.



P 310 101/P 311 101



P 310 121/P 311 121
P 310 121 NPT/ P 311 121 NPT



P 310 181/P 311 181

Type	Port size	Air flow	Operating press.	Actuating press.	Weight	
P 310 101	G 3/8“	2250 l/min	1 - 10 bar	the same	0,32 kg	Ex
P 310 121	G 1/2“	3000 l/min	1 - 10 bar	the same	0,45 kg	Ex ❄ 316
P 310 181	G 3/4“	6000 l/min	1 - 10 bar	the same	0,85 kg	
P 311 101	G 3/8“	2250 l/min	1 - 10 bar	3 - 10 bar	0,32 kg	
P 311 121	G 1/2“	3000 l/min	1 - 10 bar	3 - 10 bar	0,45 kg	❄ 316
P 311 181	G 3/4“	6000 l/min	1 - 10 bar	3 - 10 bar	0,85 kg	
P 310 121 NPT	1/2“ NPT	3000 l/min	1 - 10 bar	the same	0,45 kg	Ex 316
P 311 121 NPT	1/2“ NPT	3000 l/min	1 - 10 bar	3 - 10 bar	0,45 kg	316