## **ALMOTION**

## Valves ISO 5599/1 ISO1, 5/2 - 5/3, pneumatically operated

Standard executions					
Version	Symbol	Code	Item		
5/2 pilot/spring	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	032000	ISO1P50		
5/2 pilot/pilot	14	032001	ISO1P51		
5/2 pilot/pilot differential	14	032002	ISO1P52		
5/3 with closed centres	14 4 2 12 12 12 12 12 12 12 12 12 12 12 12 12 12 1	032003	ISO1P70		
5/3 with open centres	14 4 2 12 W T T T T T T T T T T T T T T T T T T T	032004	ISO1P71		
5/3 with pressurised centres	14 4 2 12 W T T T T T T T T T T T T T T T T T T T	032019	ISO1P72		



Series of spool valves, conforming to ISO 5599/1 standards for the mounting only on sub-base.

For the sub-bases type SBA1...

see page 2.120.1

## Code key

Series	Size	Actuation	Function	
ISO	1	P = pneumatic	50 = 5/2 pilot/spring	
	2		51 = 5/2 pilot/pilot	
			52 = 5/2 pilot/pilot	
			differential	
			70 = 5/3 CC	
			71 = 5/3 OC	
			72 = 5/3 PC	



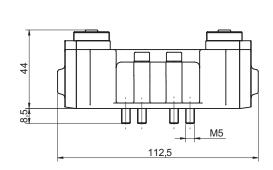
On request, they can be supplied according to 2014/34/EU - **ATEX** 

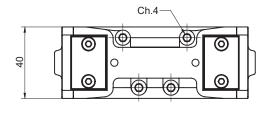
Technical data					
Fluid	Compressed filt	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	0 ÷ 10 bar	0 ÷ 10 bar			
Temperature range	-10°C ÷ +60°C	-10°C ÷ +60°C			
Orifice	8,5 mm	8,5 mm			
Flow	1100 NI/min at	1100 NI/min at 6 bar with ΔP 1 bar			
Minimum piloting pressure	Spring return: 2	2 bar	Bistable: 1 bar		3 positions: 2,5 bar
Mounting	In any position	In any position			
Manual override	Spring return or	Spring return on valve body			
	Body:	Die-c	ast painted aluminium	1	
	Covers:	PBT			
Materials	Spool:	Spool: Hard aluminium anodized			
	Distancers:	Distancers: Aluminium			
	Seals:	Hydrogenated Nitrile Butadiene Rubber (HNBR)			



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Version	Symbol	Code	Item
5/2 pilot/spring	14 7 7 W	032000	ISO1P50
5/2 pilot/pilot	14 7 12 5 1 3	032001	ISO1P51
5/2 pilot/pilot differential	14 2 12 3 12 3 13 14 15 13 14 15 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15	032002	ISO1P52
5/3 with closed centres	14 4 2 12	032003	ISO1P70
5/3 with open centres	14 4 2 12 D T 1 1 T 3	032004	ISO1P71
5/3 with pressurised centres	14 4 2 12 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	032019	ISO1P72