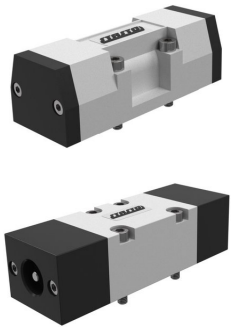
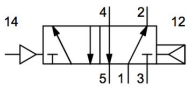
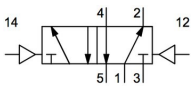
Partnership. With Guarantee.

5/2-Way spool valve - pneumatically actuated, ISO1 and ISO2
Series PP110, PP111

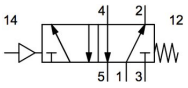




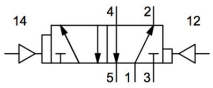
PP110-..-PS



PP111-..



PP110-I1



PP111-..-DP

Design type	5/2-way spool valve, Actuation pneumatic/internal control air, pneumatic/spring, pneumatic/pneumatic or rather pneumatic differential, according to ISO 5599/1 size ISO1 and ISO2
Materials	Body Aluminium, Slide valve Nickel-plated aluminium, Seals NBR
Mounting type	on single valve sub-base plate or rather Valve manifold base plates
Mounting position	any
Medium	filtered and lubricated or non-lubricated compressed air
Medium temperature	0...+40°C
Ambient temperature	-10...+50°C
Special versions	ISO1 - ATEX II 2GD c T4 T155°C
Note	Technical documentation for base plate see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

Type code

			PP110	-	I1	-	PS
		Actuation pneumatic/internal pilot air or rather pneumatic/spring	PP110				
	Version	Actuation pneumatic/pneumatic or rather pneumatic differential	PP111				
		ISO1			I1		
	Connection	ISO2			I2		
		Spring or rather pneumatic (Leave blank)					
		internal control air					PS
	Resetting	pneumatic differential					DP

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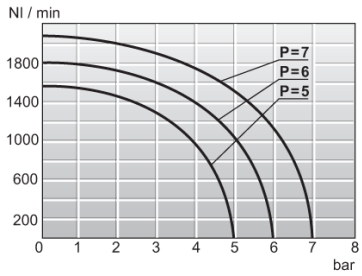
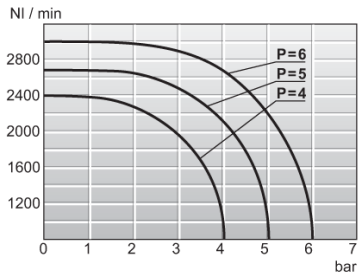
Flow diagram

ISO1

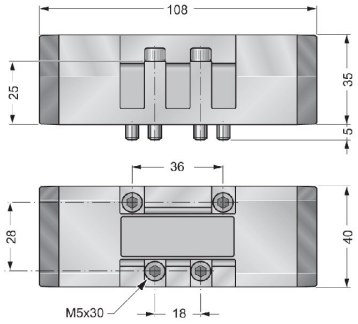


ISO2

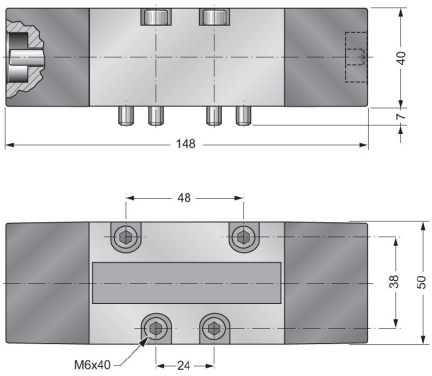


Dimensions, Characteristics

ISO1



ISO2

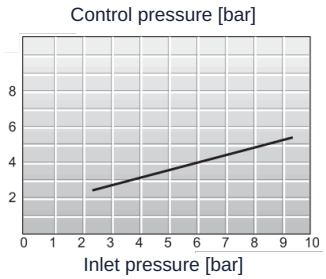


Size	Nominal size DN [mm]	Pressure range [bar]	Flow rate* [Nl/min]	Actuation	nominal max. frequency [Hz]	Type
ISO1	8	2,5-10	1080	pneumatic/internal control air	21	PP110-I1-PS
ISO1	8	2,5-10	1080	pneumatic/spring	-	PP110-I1
ISO1	8	1,5-10	1080	pneumatic/pneumatic	30	PP111-I1
ISO1	8	2,5-10	1080	pneumatic differential	25	PP111-I1-DP
ISO2	13	2,5-10	2200	pneumatic/internal control air	16	PP110-I2-PS
ISO2	13	1,5-10	2200	pneumatic/pneumatic	25	PP111-I2

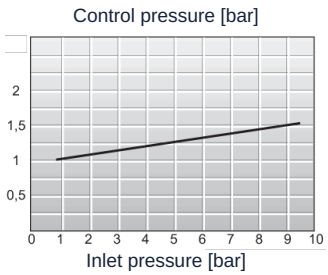
*Reference pressure 6bar, Reference temperature 20°C

Control pressure diagram

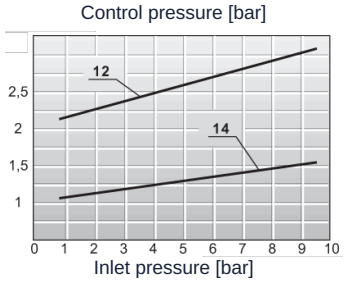
PP110-I1-PS/PP110-I1 (ISO1)



PP111-I1 (ISO1)



PP111-I1-DP (ISO1)



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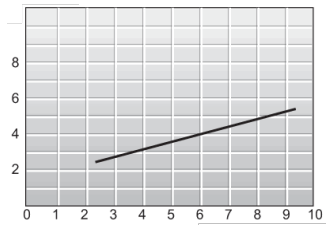
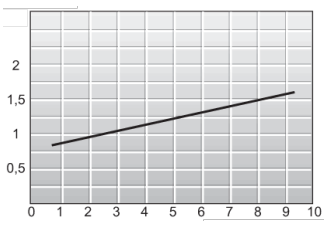
Control pressure diagram

PP110-I2-PS (ISO2)	PP111-I2 (ISO2)
Control pressure [bar]  Inlet pressure [bar]	Control pressure [bar]  Inlet pressure [bar]

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