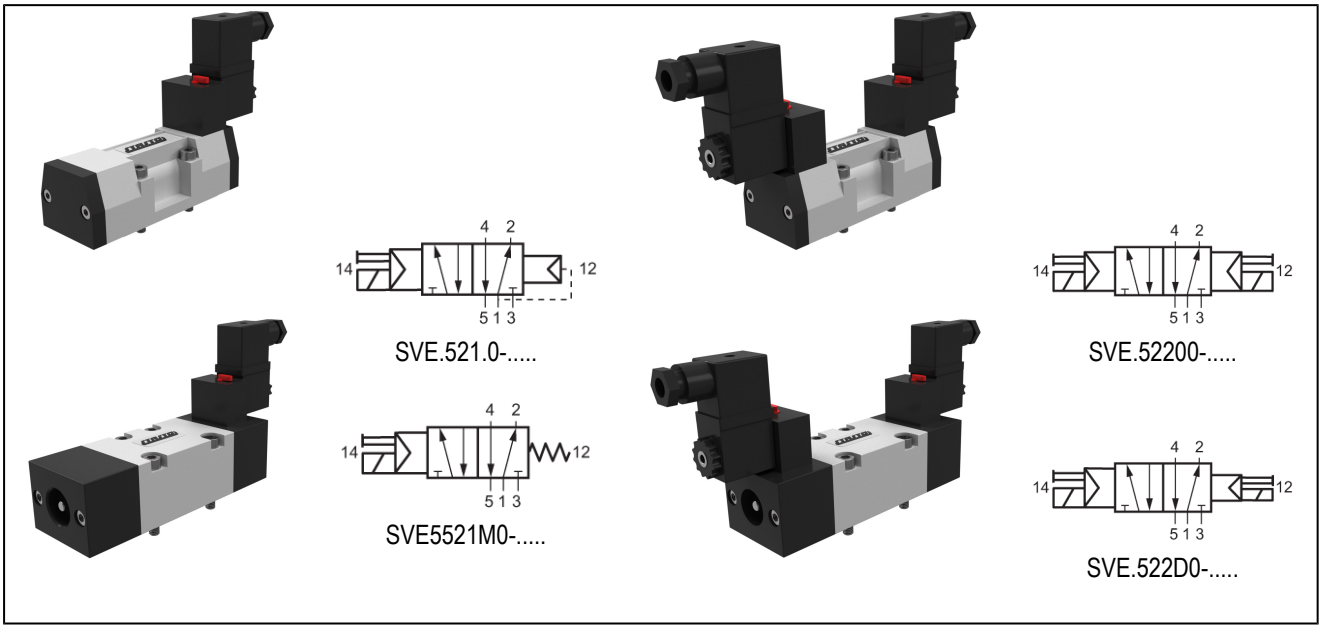
5/2-way solenoid valve pilot-operated, ISO1 and ISO2
series SVE



design	5/2-way solenoid valve pilot-operated, actuation electrical/internal control air, electrical/spring, electrical/electrical respectively electrical differential , manual emergency override, according to ISO 5599/1 size ISO1 and ISO2
materials	body aluminum, spool nickel-plated aluminum, seals NBR
type of fixing	on single valve base plate respectively valve block base plates
mounting position	any
medium	filtered and lubricated or non lubricated compressed air
medium temperature	0...+40°C
ambient temperature	-10...+50°C
electrical data:	
type of coil	type MS (standard coil), connector size 22mm type EPC (coil for ATEX areas with cable length of 3m) on request connector size 30mm on request
electrical connection	connector according to industry form B (see separate datasheet)
standard voltage	230V/50-60Hz, 24V/50-60Hz, 24VDC
special voltage	115V/50-60Hz, 12VDC, more on request
acceptable voltage tolerance	±10%
consumption	see table "coil"
duty cycle	100% duty cycle (continuous operation)
protection class	IP65 according to EN 60529 by correctly mounted connector (protection against the penetration of dust and jet water)
informations:	
application	please specify voltage and type of current by order
	technical documents for sub-base: see separate datasheet CAD files are available on the STASTO Store under www.stasto.eu

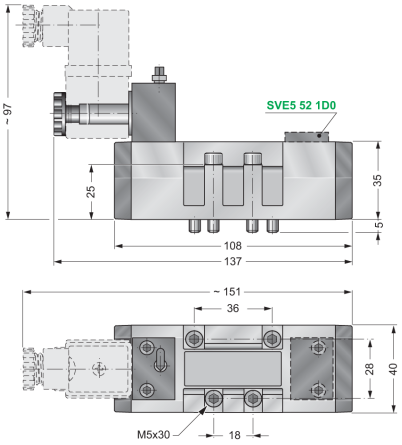
type code actuation electrical/internal control air respectively electrical/spring

SVE	5	521	0	0	MS -	230V/50-60Hz
	5 ISO 1		**0** electrical/internal control air		**MS** standard coil	**230V/50-60Hz**
	6 ISO 1 (for coil EPC)		**M** electrical/spring (only ISO 1)		**EPC** ATEX coil	**115V/50-60Hz**
	2 ISO 2					**24V/50-60Hz**
	3 ISO 2 (for coil EPC)					**24VDC**
						12VDC

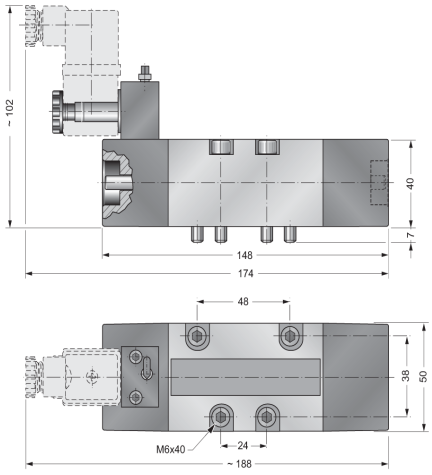
type code actuation electrical/electrical respectively electrical differential

SVE	5	522	0	0	MS -	230V/50-60Hz
	5 ISO 1		**0** electrical/electrical		**MS** standard coil	**230V/50-60Hz**
	6 ISO 1 (for coil EPC)		**D** electrical differential (only ISO 1)		**EPC** ATEX coil	**115V/50-60Hz**
	2 ISO 2					**24V/50-60Hz**
	3 ISO 2 (for coil EPC)					**24VDC**
						12VDC

SVE . 521 . 0 . - ..... actuation electrical/internal control air respectively electrical/spring



ISO 1

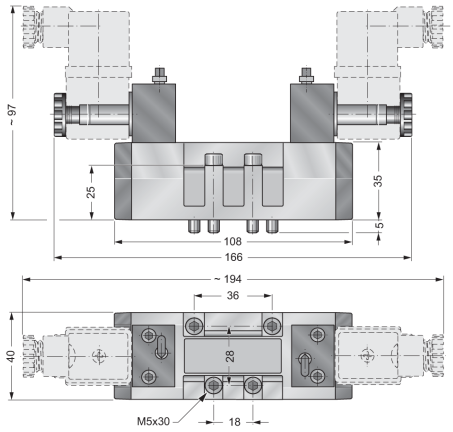


ISO2

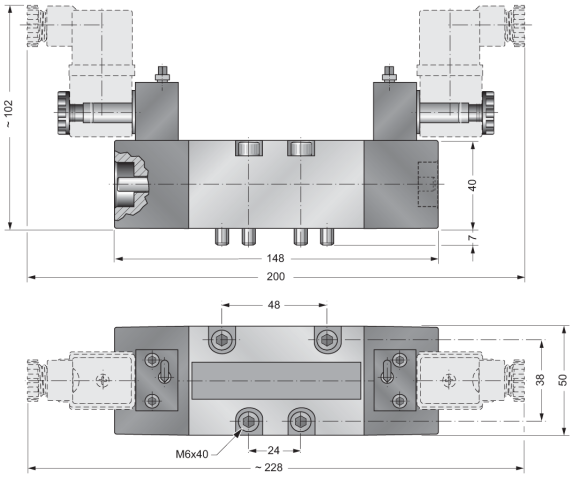
size	nominal diameter DN [mm]	pressure range [bar]	flow rate* [Nl/min]	actuation	nominal max. frequency [Hz]		switching time [ms]				type
					AC	DC	AC ON	AC from	DC ON	DC from	
ISO 1	8	2,5-10	1080	electrical/internal control air	16	13	18	33	21	44	SVE552100
ISO 1	8	2,5-10	1080	electrical/spring	-	-	-	-	-	-	SVE5521M0
ISO 2	13	2,5-10	2200	electrical/internal control air	13	10	21	36	24	47	SVE252100

*reference pressure 6bar, reference temperature 20°C

SVE . 521 . 0 . - ..... actuation electrical/electrical respectively electrical differential



ISO 1

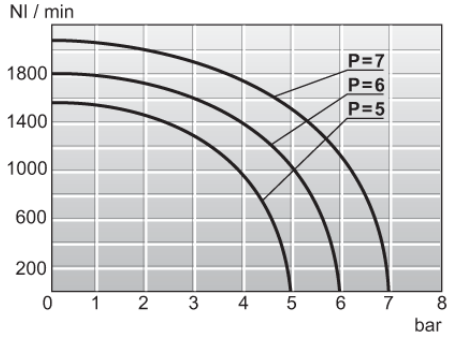


ISO2

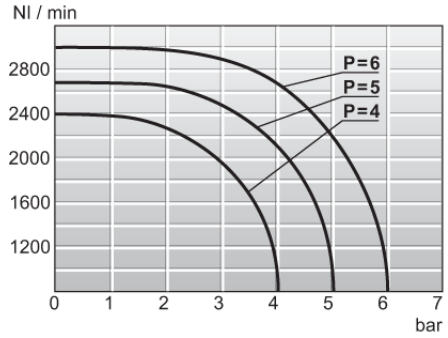
size	nominal diameter DN [mm]	pressure range [bar]	flow rate* [Nl/min]	actuation	nominal max. frequency [Hz]		switching time [ms]				type
					AC	DC	AC ON	AC from	DC ON	DC from	
ISO 1	8	1,5-10	1080	electrical/electrical	27	21	11	11	14	14	SVE552200
ISO 1	8	1,5-10	1080	electrical differential	25	19	11	12	14	15	SVE5522D0
ISO 2	13	1,5-10	2200	electrical/electrical	13	10	21	36	24	47	SVE252200

*reference pressure 6bar, reference temperature 20°C

flow diagram

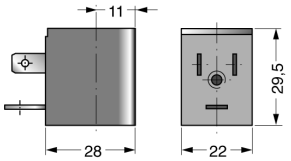


ISO 1



ISO 2

coil MS

		voltage	consumption at 20 °C	type
		12V DC	2,5W	MS01200
		24V DC	2,5W	MS02400
		24V/50-60Hz	3,5VA	MS02450
		115V/50-60Hz	5VA	MS11550
		230V/50-60Hz	5VA	MS23050

illustrations are for information only and are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice