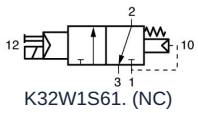
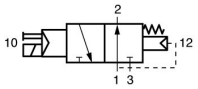
Partnership. With Guarantee.

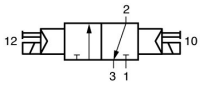
3/2-Way solenoid valve, pilot-operated, 1/8"...1/2" Series K32W



K32W1S61. (NC)



K32W1S91. (NO)



K32W2S01.

Design type	3/2-way solenoid valve pilot-operated, Actuation electric/spring or rather electric/electric, Manual emergency override
Connection	G1/8"...G1/2" according to ISO228/1
Materials	Body Nickel-plated aluminium, Slide valve Aluminium, Seals NBR
Mounting type	Through bores in the valve body
Mounting position	any
Medium	filtered and lubricated or non-lubricated compressed air
Medium temperature	0...+40°C
Ambient temperature	-10...+50°C

Electrical Data:

Coil type	CS, Connector width 16mm
Standard voltage	230V/50-60Hz, 24V/50-60Hz, 24VDC
Special voltages	115V/50-60Hz, 12VDC, further on request
Permissible voltage fluctuation	±10%
Power consumption	see table solenoid coil
Duty cycle	100% Duty cycle (continuous operation)
Degree of protection	IP65 according to EN 60529 with properly mounted device connector (protection against dust ingress and water jets)

Notes:

Scope of delivery	incl. connector Micro form C, Cable entry M12x1
	When ordering, please specify voltage and type of current CAD files are available in the STASTO Store at www.stasto.eu

Type code

K32W1S	6	18	CS -	230/50-60Hz
	6 NC	**18**G1/8"	CS Standard coil	230V/50-60Hz
	9 NO	**14**G1/4"		115V/50-60Hz
		12G1/2"		24V/50-60Hz
				24VDC
				12VDC

+43 512 52076
austria@stasto.eu
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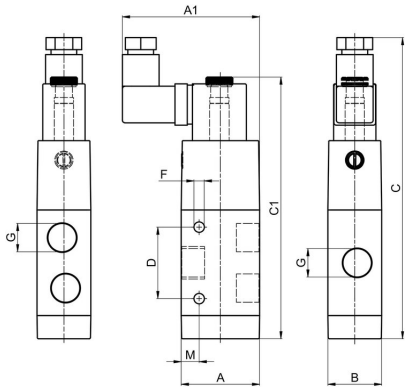
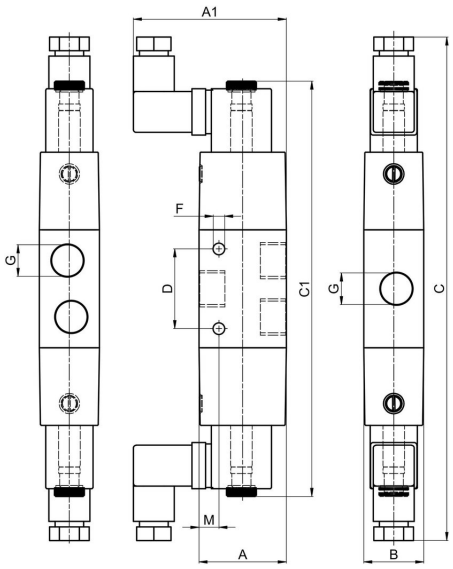
K32W1S-. Actuation electric/spring



Connection G	Nominal size DN [mm]	Pressure range [bar]	A	A1	B	C	C1	D	F	M	Flow rate* [Nl/min]	Function	Type
G1/8"	6	2,5...9	28	53	18	112,5	99	22,2	3,2	8	730	NC	K32W1S618
G1/8"	6	2,5...9	28	53	18	112,5	99	22,2	3,2	8	730	NO	K32W1S918
G1/4"	8	2,5...9	32	55	22	121	107,5	29,3	4,2	7,3	1300	NC	K32W1S614
G1/4"	8	2,5...9	32	55	22	121	107,5	29,3	4,2	7,3	1300	NO	K32W1S914
G1/2"	14	2,5...9	50	75	30	150	137	45,6	5,2	11	4000	NC	K32W1S612
G1/2"	14	2,5...9	50	75	30	150	137	45,6	5,2	11	4000	NO	K32W1S912

*Reference pressure 6bar, Reference temperature 20°C

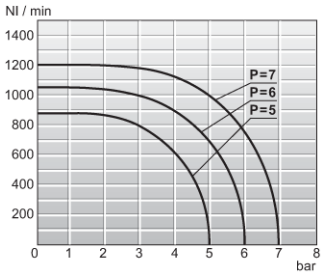
K32W2S01. Actuation electric/electric



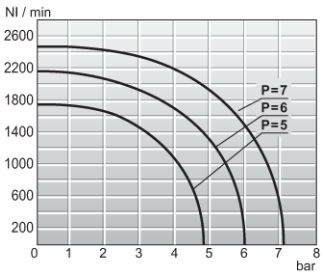
Connection G	Nominal size DN [mm]	Pressure range [bar]	A	A1	B	C	C1	D	F	M	Flow rate* [Nl/min]	Type
G1/8"	6	1,5...9	28	53	18	170	143	22,2	3,2	8	730	K32W2S018
G1/4"	8	1,5...9	32	55	22	181	154	29,3	4,2	7,3	1300	K32W2S014
G1/2"	14	1,5...9	50	75	30	210	180	45,6	5,2	11	4000	K32W2S012

*Reference pressure 6bar, Reference temperature 20°C

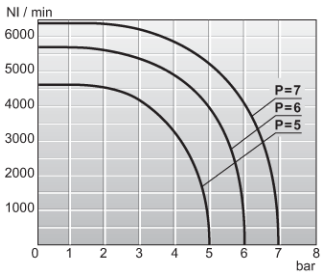
Flow diagram



Flow diagram 1/8"

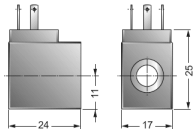


Flow diagram 1/4"



Flow diagram 1/2"

Solenoid coil

		Voltage	Power consumption at 20°C	Type
		12VDC	2,4W	CS01200
		24VDC	2,4W	CS02400
		24V/50-60Hz	3,5VA	CS02450
		115V/50-60Hz	3,5VA	CS11550
		230V/50-60Hz	3,5VA	CS23050

Details for device socket see separate data sheet

Switching time

Connection G	Switching time [ms]	
	AC ONE/EXHAUST	DC ONE/EXHAUST
G1/8"	37	59
G1/4"	37	59
G1/2"	77	91

Illustrations non-binding
Design, dimensional and material changes reserved

+43 512 52076
austria@stasto.eu
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