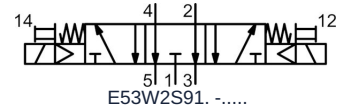
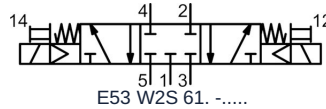
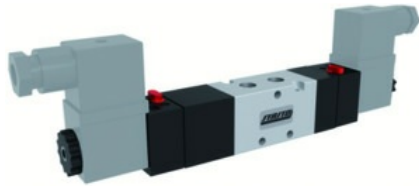


5/3-Way solenoid valve - pilot-operated 1/8"...1/2" Series E53W2S



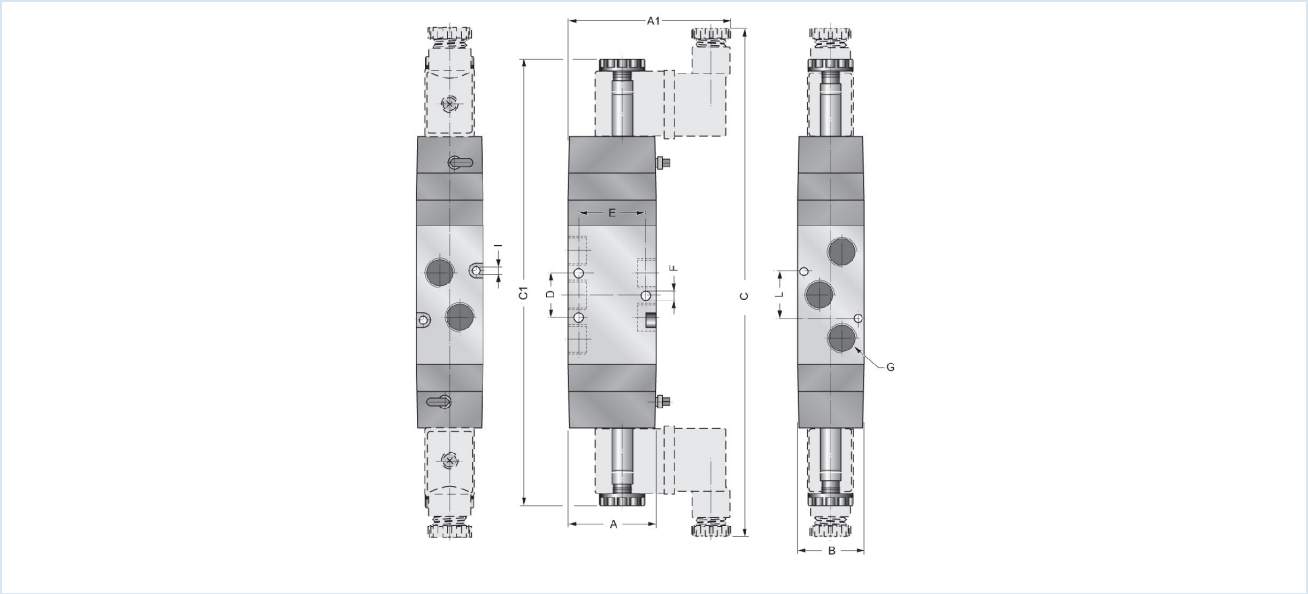
Design type	5/3-way solenoid valve pilot-operated, Actuation electric/electric, Manual emergency override
Connection	G1/8"...G1/2" according to ISO228/1
Materials	Body Aluminium, Slide valve Nickel-plated aluminium, Seals NBR
Mounting type	Through holes in the valve body
Mounting position	any
Medium	filtered and lubricated or non-lubricated compressed air
Medium temperature	0...+40°C
Ambient temperature	-10...+50°C

Electrical data:

Coil type	Type C001 (Standard coil), Connector width 22mm Type EPC (Coil for ATEX areas with 3 m cable)
Electrical connection	connector according to industrial form B (see separate data sheet)
Standard voltage	230V/50-60Hz, 24V/50-60Hz / 12VDC, 24VDC / 48V/50-60Hz
Special voltages	115V/50-60Hz, 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 correctly mounted device connector (Protection against dust ingress and water jets)
Notes:	When ordering, please specify voltage and type of current Technical documentation for base plate see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu



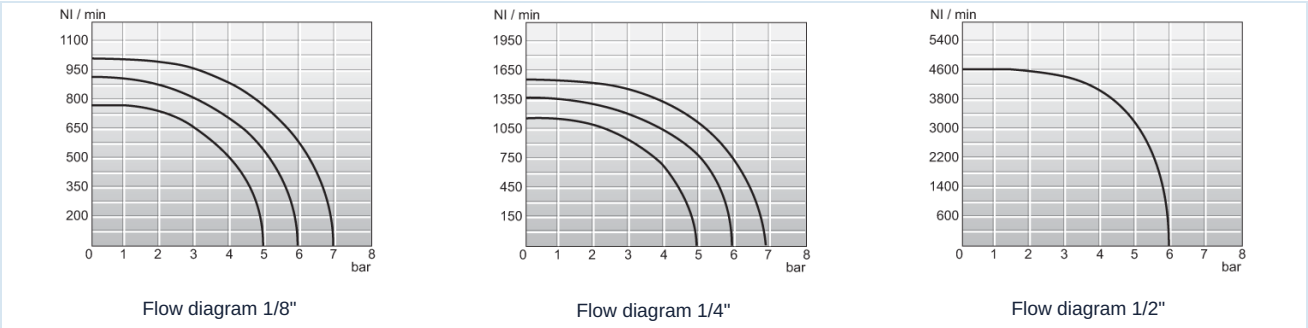
E53W2S . 1 . - Dimensions



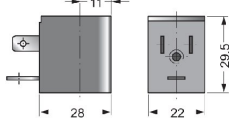
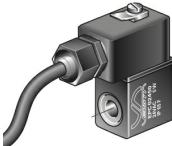
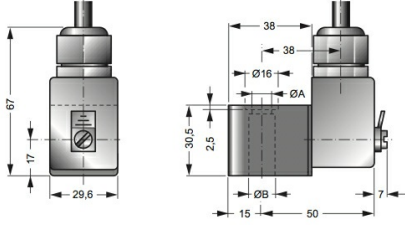
Connection G	Nominal size DN [mm]	Pressure range [bar]	A	A1	B	C	C1	D	E	F	I	L	Function	Flow rate* [NI/min]	Type
G1/8"	6	3-10	30	63	26	227	198	18	23	4,25	3,25	28,6	locked	530	E53W2S618
G1/8"	6	3-10	30	63	26	227	198	18	23	4,25	3,25	28,6	exhausted	530	E53W2S918
G1/4"	8	3-10	40	73	30	232	203	20	30	4,25	3,25	21	locked	800	E53W2S614
G1/4"	8	3-10	40	73	30	232	203	20	30	4,25	3,25	21	exhausted	800	E53W2S914
G1/2"	15	3-10	60	60	40	280	252	40	50	5,5	-	-	locked	3000	E53W2S612
G1/2"	15	3-10	60	60	40	280	252	40	50	5,5	-	-	exhausted	3000	E53W2S912

*Reference pressure 6bar, Reference temperature 20°C

Flow diagram



Solenoid coils

		Voltage	Degree of protection	Power consumption at 20°C	Type
		24VDC / 48V/50-60Hz	IP65	3W/5VA	C001-03
		24V/50-60Hz / 12VDC		5VA/3W	C001-04
		230V/50-60Hz		5VA	C001-22
		115V/50-60Hz		5VA	C001-23
		24VDC	Ex II 2G Ex mb IIC T5 Gb Ex II 2D Ex mb tb IIIC T95°C IP66 Db	3,0W	EPC02400
		24V/50-60Hz		3,2W	EPC02450
		110V/50-60Hz		3,2W	EPC11050
		230V/50-60Hz		3,2W	EPC23050

Switching time, nominal max. frequency

Connection G	Switching time [ms]		nominal max. frequency [Hz]
	AC ONE/EXHAUST	DC ONE/EXHAUST	AC/DC
G1/8"	16	19	9
G1/4"	17	20	8
G1/2"	49	60	6

Illustrations non-binding
Design, dimensional and material changes reserved

Pneumatics / Way-valves - electrically / pneumatically / 3/2- 5/2- 5/3-way valves - series E+V (connector size 22mm) / 5/3-way valve Series E5.