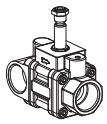
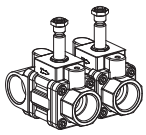
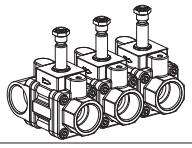
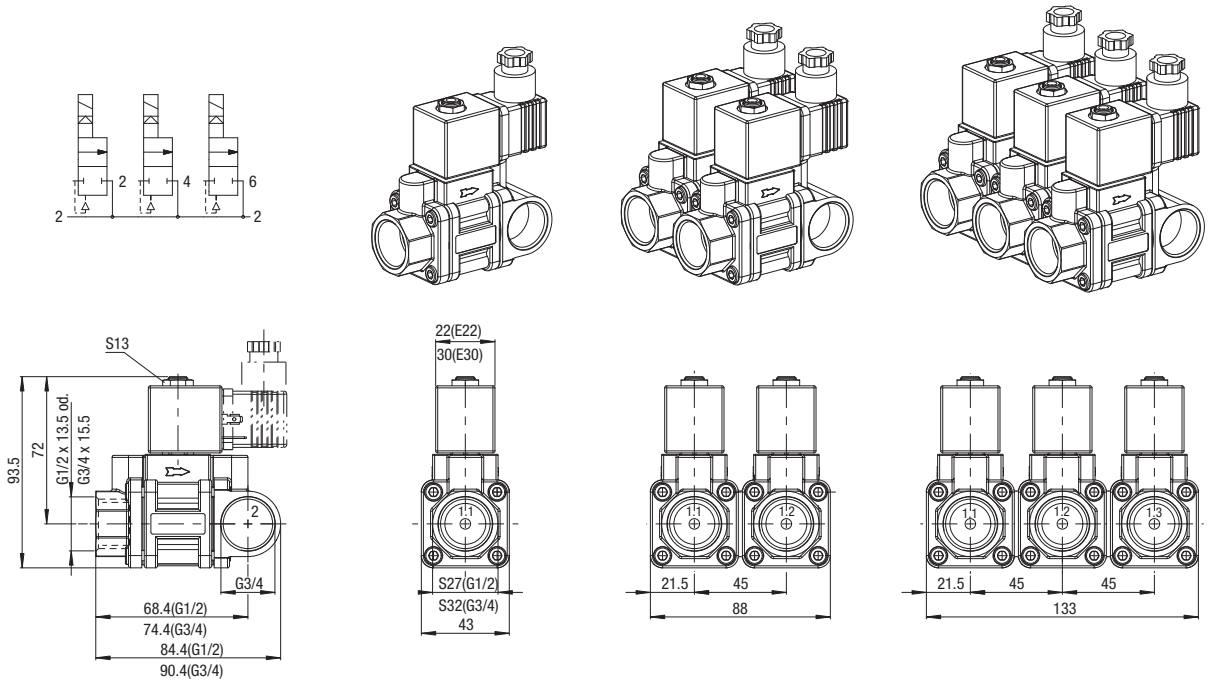
2/2-Way Solenoid Valve Battery - Type EGV Series 100

Price group	53	Function "A" normally closed, distributor version	low noise and impact-free closing, for neutral, gaseous or fluids	Brass

Version		DN	Kv-value water [m³/h]	G	PN	Possible Type of power	Sealing material	Type (Partial solenoid valve without solenoid coil)	Order number	Price
	Valve without solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/V1-AH9-1/2BN-00	616901	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/V1-AH9-1/2PN-00	616951	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/V1-AH9-1/2FN-00	617001	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/V1-AH9-3/4BN-00	616911	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/V1-AH9-3/4PN-00	616961	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/V1-AH9-3/4FN-00	617011	o. r.
	Valve without solenoid coil, 2-fold battery or solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/V2-AH9-1/2BN-00	616902	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/V2-AH9-1/2PN-00	616952	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/V2-AH9-1/2FN-00	617002	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/V2-AH9-3/4BN-00	616912	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/V2-AH9-3/4PN-00	616962	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/V2-AH9-3/4FN-00	617012	o. r.
	Valve without solenoid coil, 3-fold battery or solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/V3-AH9-1/2BN-00	616903	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/V3-AH9-1/2PN-00	616953	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/V3-AH9-1/2FN-00	617003	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/V3-AH9-3/4BN-00	616913	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/V3-AH9-3/4PN-00	616963	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/V3-AH9-3/4FN-00	617013	o. r.

Illustration



Valve batteries series 100 can also be constructed mixed, with all valve Types, for all listed functions and with various options according to customer requirements. This is also Possible up to DN 50 (G 2) in special version.

The number of valves is only limited by the efficiently manufactured overall length of the battery collector plate. Depending on DN this is 600 to 800 mm.

Solenoid valves, with pressure regulator, pressure operated valves or pressure regulator valves, can thus be flange-mounted on **a** collector plate according to requirement, or also opposite laterally reversed. Likewise the flow direction of the flange valves can be freely selected to a large extent. (Distributor or mixer version)

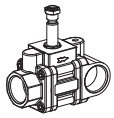
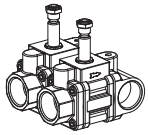
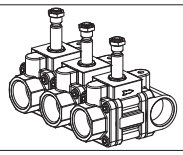
AVS Römer furthermore manufactures so-called multi-functional blocks, with integrated injectors, pressure sensors and similar.

Permitted operating pressure OP

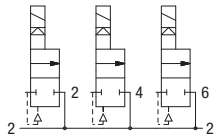
DN	Type	PN	Combinable solenoid coil				Permitted operating pressure OP [bar] at ambient temperature +60 °C														
			Type	Nominal power P_{20}			AC 50 Hz 90 %U_N Medium temperature			AC 60 Hz 90 %U_N Medium temperature			DC 90 %U_N Medium temperature			DC 90 %U_N Medium temperature			DC 100 %U_N Medium temperature		
				AC 50 Hz [VA]	AC 60 Hz [VA]	DC [W]	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C
15 to 20	EGV-111/V.-A..	16	E22...L.	3.5	on req.	2.5	on req.	on req.	on req.	on req.	on req.	on req.	6	5	4	4	3	2	6	5	4
			E22...M.	5.5	5	5	16	16	16	16	16	16	16	16	14	12	10	8	15	13	12
			E22...H.	-	-	8	-	-	-	-	-	-	16	16	16	16	16	16	16	16	16
			E30...P.	12	10.5	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

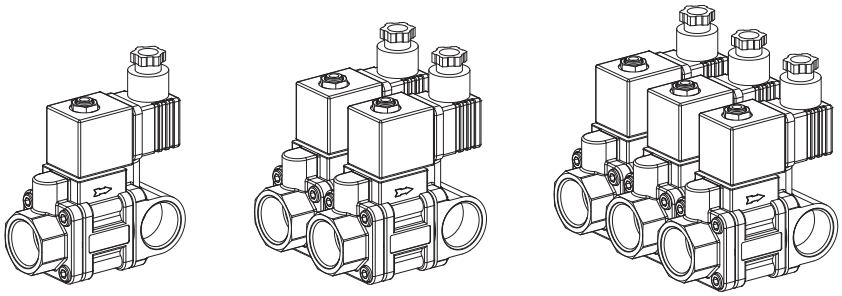
2/2-Way Solenoid Valve Battery - Type EGV Series 100

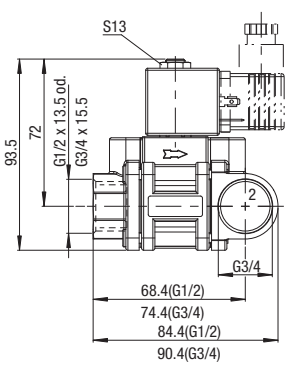
Price group	53	Function "A" normally closed, mixer version	low noise and impact-free closing, for neutral, gaseous or fluids	Brass

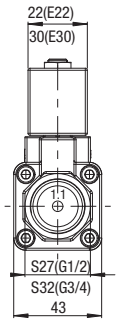
Version		DN	Kv-value water [m³/h]	G	PN	Possible Type of power	Sealing material	Type (Partial solenoid valve without solenoid coil)	Order number	Price
	Valve without solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/M1-A7L-1/2BN-00	616921	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/M1-A7L-1/2PN-00	616971	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/M1-A7L-1/2FN-00	617021	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/M1-A7L-3/4BN-00	616931	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/M1-A7L-3/4PN-00	616981	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/M1-A7L-3/4FN-00	617031	o. r.
	Valve without solenoid coil, 2-fold battery or solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/M2-A7L-1/2BN-00	616922	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/M2-A7L-1/2PN-00	616972	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/M2-A7L-1/2FN-00	617022	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/M2-A7L-3/4BN-00	616932	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/M2-A7L-3/4PN-00	616982	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/M2-A7L-3/4FN-00	617032	o. r.
	Valve without solenoid coil, 3-fold battery or solenoid coil Permitted operating pressure 0.2 bar up to value according to table below.	15	5.6	G 1/2	16/8	AC/DC	NBR	EGV-111/M3-A7L-1/2BN-00	616923	o. r.
		15	5.6	G 1/2	16/8	AC/DC	EPDM	EGV-111/M3-A7L-1/2PN-00	616973	o. r.
		15	5.6	G 1/2	16/8	AC/DC	FKM	EGV-111/M3-A7L-1/2FN-00	617023	o. r.
		20	7.6	G 3/4	16/8	AC/DC	NBR	EGV-111/M3-A7L-3/4BN-00	616933	o. r.
		20	7.6	G 3/4	16/8	AC/DC	EPDM	EGV-111/M3-A7L-3/4PN-00	616983	o. r.
		20	7.6	G 3/4	16/8	AC/DC	FKM	EGV-111/M3-A7L-3/4FN-00	617033	o. r.

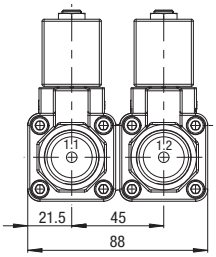
Illustration

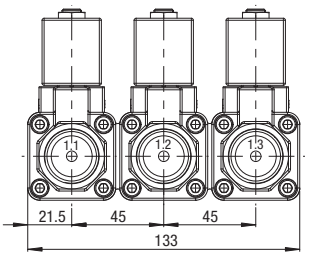












The pressure value at port "2" may not exceed the values at inlets "1.1", "1.2" or "1.3", otherwise the version with integrated non-return valves should be selected. These isolate up to a pressure difference of 10 bar. Please do not hesitate to ask us if you have any questions.

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				AC 50 Hz [VA]	AC 60 Hz [VA]	DC [W]	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C
15 to 20	EGV-111M.-A..	16	E22...L.	3.5	on req.	2.5	on req.	on req.	on req.	on req.	on req.	on req.	6	5	4	4	3	2	6	5	4
			E22...M.	5.5	5	5	16	16	16	16	16	16	16	16	14	12	10	8	15	13	12
			E22...H.	-	-	8	-	-	-	-	-	-	16	16	16	16	16	16	16	16	16
			E30...P.	12	10.5	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16