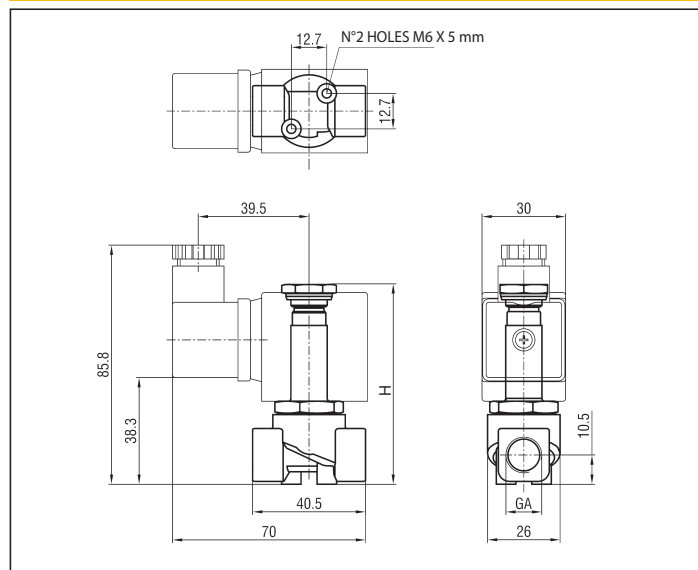


series W

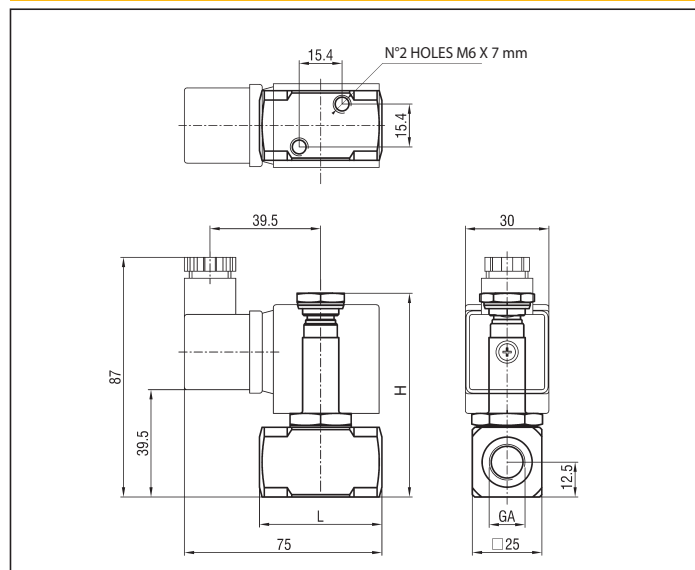
Body	Stainless steel AISI 303 (AISI 304 for type W118)
Sleeve	Stainless steel AISI 303
Moving core	Stainless steel 430 Fr
Springs	Stainless steel AISI 302
Seals	NBR EPDM FPM

2.107

2 PORT G 1/8-G 1/4 DIRECTLY ACTUATED



2 PORT G 3/8-1/2 DIRECTLY ACTUATED



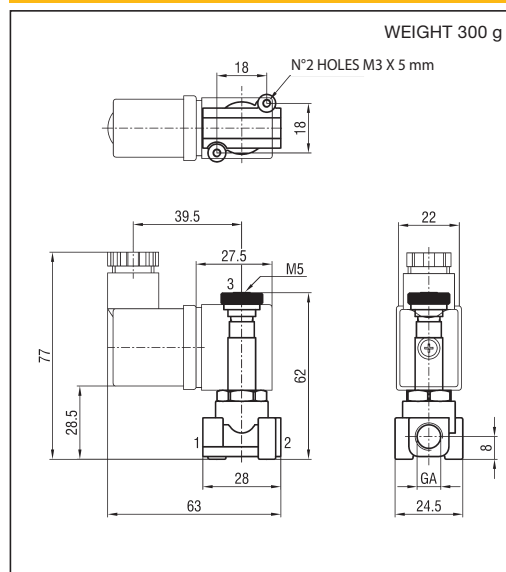
MAXIMUM ALLOWABLE PRESSURE: 100 bar. WITH STEAM 2.5 bar

* SPECIFY THE SEALING TYPE: B = NBR ; V = FPM ; E = EPDM

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" ON PAGE 2.112)

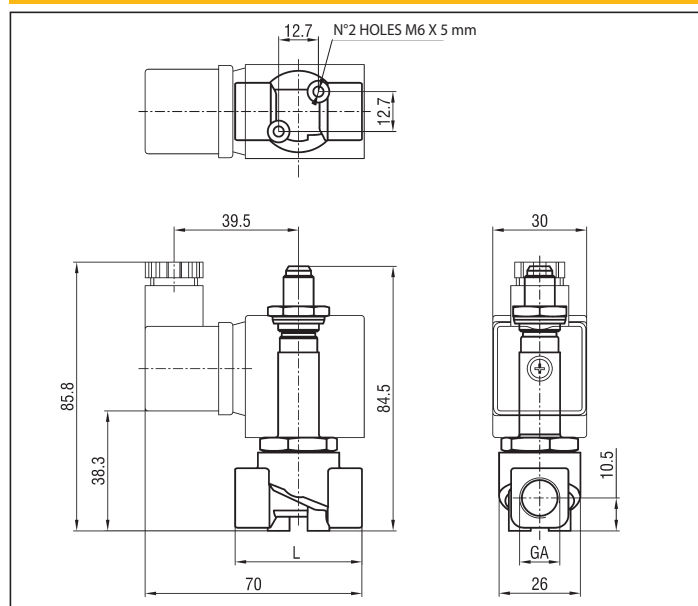
Symbol	Function	Differential pressure (bar)		Kv (m³/h)	Nominal orifice (mm)	Port size (GA)	L. (mm)	H	TYPE*	Coil
		MIN.	MAX.							
			AC DC							
	2/2 N.O.	0	24	0,07	1,5	G 1/8	40,5	78	W206815*	WE2A
		0	18	0,1	2	G 1/8	40,5	78	W206820*	WE2A
		0	12	0,15	2,5	G 1/8	40,5	78	W206825*	WE2A
		0	9	0,25	3	G 1/8	40,5	78	W206830*	WE2A
		0	7	0,32	3,5	G 1/8	40,5	78	W206835*	WE2A
		0	24	0,07	1,5	G 1/4	40,5	78	W206415*	WE2A
		0	18	0,1	2	G 1/4	40,5	78	W206420*	WE2A
		0	12	0,15	2,5	G 1/4	40,5	78	W206425*	WE2A
		0	9	0,25	3	G 1/4	40,5	78	W206430*	WE2A
		0	7	0,32	3,5	G 1/4	40,5	78	W206435*	WE2A
		0	5	0,41	4,5	G 1/4	40,5	78	W206445*	WE2A
		0	4	0,47	5,2	G 1/4	50	78	W206452*	WE2A
		0	9	0,25	3	G 3/8	50	79	W206330*	WE2A
		0	7	0,32	3,5	G 3/8	50	79	W206335*	WE2A
		0	5	0,41	4,5	G 3/8	50	79	W206345*	WE2A
		0	4	0,47	5,2	G 3/8	50	79	W206352*	WE2A
		0	9	0,25	3	G 1/2	58	79	W206230*	WE2A
		0	7	0,32	3,5	G 1/2	58	79	W206235*	WE2A
		0	5	0,41	4,5	G 1/2	58	79	W206245*	WE2A
		0	4	0,47	5,2	G 1/2	58	79	W206252*	WE2A
	2/2 N.C.	0	100	0,05	1,2	G 1/8	40,5	73	W106812*	WE2A
		0	30	0,07	1,5	G 1/8	40,5	73	W106815*	WE2A
		0	22	0,1	2	G 1/8	40,5	73	W106820*	WE2A
		0	16	0,15	2,5	G 1/8	40,5	73	W106825*	WE2A
		0	15	0,25	3	G 1/8	40,5	73	W106830*	WE2A
		0	10	0,32	3,5	G 1/8	40,5	73	W106835*	WE2A
		0	100	0,05	1,2	G 1/4	40,5	73	W106412*	WE2A
		0	30	0,07	1,5	G 1/4	40,5	73	W106415*	WE2A
		0	22	0,1	2	G 1/4	40,5	73	W106420*	WE2A
		0	16	0,15	2,5	G 1/4	40,5	73	W106425*	WE2A
		0	15	0,25	3	G 1/4	40,5	73	W106430*	WE2A
		0	10	0,32	3,5	G 1/4	40,5	73	W106435*	WE2A
		0	6,5	0,41	4,5	G 1/4	40,5	73	W106445*	WE2A
		0	4	0,47	5,2	G 1/4	40,5	73	W106452*	WE2A
		0	8	0,64	6,4	G 1/4	40,5	73	W106464*	WE2A
		0	15	0,25	3	G 3/8	50	74	W106330*	WE2A
		0	10	0,32	3,5	G 3/8	50	74	W106335*	WE2A
		0	6	0,41	4,5	G 3/8	50	74	W106345*	WE2A
		0	4	0,47	5,2	G 3/8	50	74	W106352*	WE2A
		0	8	0,64	6,4	G 3/8	50	74	W106364*	WE2A
		0	15	0,25	3	G 1/2	58	74	W106230*	WE2A
		0	10	0,32	3,5	G 1/2	58	74	W106235*	WE2A
		0	6	0,41	4,5	G 1/2	58	74	W106245*	WE2A
		0	4	0,47	5,2	G 1/2	58	74	W106252*	WE2A
		0	8	0,64	6,4	G 1/2	58	74	W106264*	WE2A

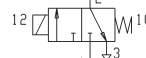
3 PORT G 1/8 DIRECTLY ACTUATED



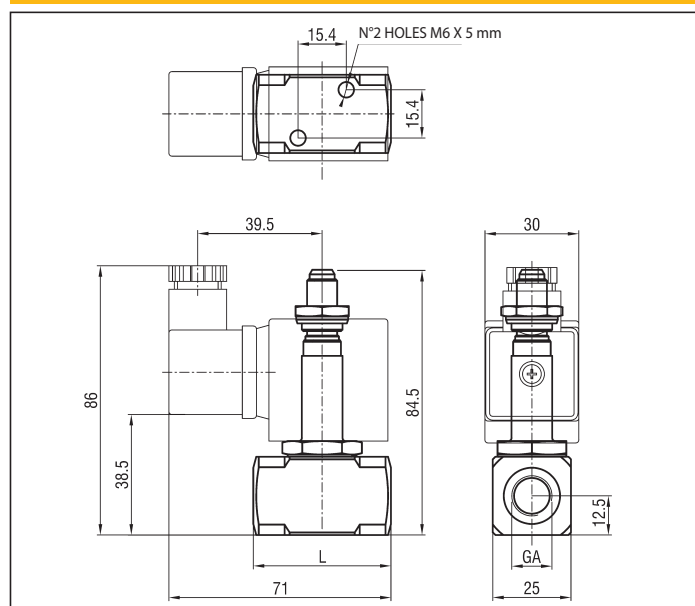
	Function	Differential pressure (<i>bar</i>)		Kv (<i>m³/h</i>)	Nominal orifice (<i>mm</i>) (1→2) - (2→3)	Port size (<i>GA</i>)	TYPE*	Coil
		MIN.	MAX.					
			AC DC					
	3/2 N.C.	0	16 16	0,045	1,2 - 1,5	G 1/8	W305812*	WE3A
		0	13 13	0,06	1,5 - 1,5	G 1/8	W305815*	WE3A
		0	8 8	0,09	2 - 1,5	G 1/8	W305820*	WE3A
		0	6 6	0,15	2,5 - 1,5	G 1/8	W305825*	WE3A
		0	3,5 3,5	0,2	3 - 1,5	G 1/8	W305830*	WE3A
		0	2,5 2,5	0,35	4 - 1,5	G 1/8	W305840*	WE3A

3 PORT G 1/8-1/4 DIRECTLY ACTUATED

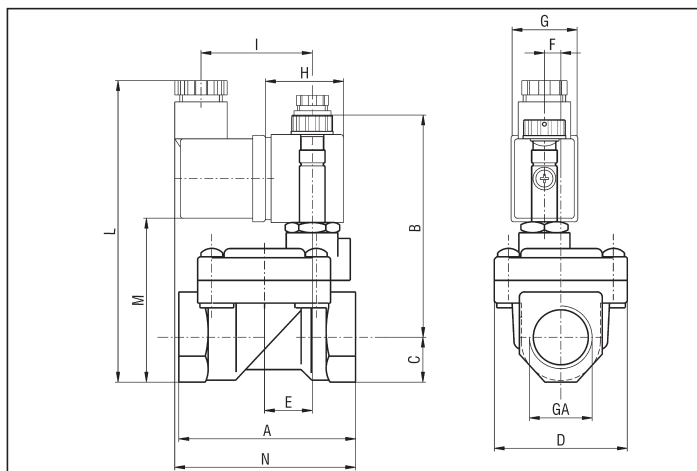


Symbol	Function	Differential pressure (bar)			Kv (m³/h)	Nominal orifice (mm) (1→2) - (2→3)	Port size (GA)	L (mm)	TYPE*	Coil
		MIN.	MAX.							
			AC	DC						
	3/2 N.C.	0	25	25	0,05	1,2 - 2,5	G 1/8	40,5	W306812*	WE2A
		0	20	20	0,07	1,5 - 2,5	G 1/8	40,5	W306815*	WE2A
		0	13	13	0,1	2 - 2,5	G 1/8	40,5	W306820*	WE2A
		0	10	10	0,15	2,5 - 2,5	G 1/8	40,5	W306825*	WE2A
		0	6,5	6,5	0,25	3 - 2,5	G 1/8	40,5	W306830*	WE2A
		0	25	25	0,05	1,2 - 2,5	G 1/4	40,5	W306412*	WE2A
		0	20	20	0,07	1,5 - 2,5	G 1/4	40,5	W306415*	WE2A
		0	13	13	0,1	2 - 2,5	G 1/4	40,5	W306420*	WE2A
		0	10	10	0,15	2,5 - 2,5	G 1/4	40,5	W306425*	WE2A
		0	6,5	6,5	0,25	3 - 2,5	G 1/4	40,5	W306430*	WE2A
		0	6,5	6,5	0,25	3 - 2,5	G 3/8	50	W306330*	WE2A
		0	6,5	6,5	0,25	3 - 2,5	G 1/2	58	W306230*	WE2A

3 PORT G 3/8-1/2 DIRECTLY ACTUATED

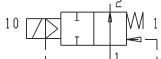
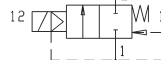


2 PORT G 3/8 - G 2 SERVO ASSISTED



GA	A	B	C	D	E	F	G	H
G 3/8	60	70	14	45	16	6	22	27,5
G 1/2	60	70	14	45	16	6	22	27,5
G 3/4	75	74	18	55	20	8,5	22	27,5
G 1	96	85	20	72	32	-	22	27,5
G 1 1/4	144	107	28	102	45	-	30	42
G 1 1/2	144	107	28	102	45	-	30	42
G 2	152	116,5	35	119	48	-	30	42

GA	I	L	M	N	WEIGHT (g)
G 3/8	39	102	53,5	62,5	450
G 1/2	39	102	53,5	62,5	450
G 3/4	39	108	59,5	66	660
G 1	39	120	71,5	64,5	1200
G 1 1/4	39,5	128	79,5	75,5	3200
G 1 1/2	39,5	128	79,5	75,5	2900
G 2	39,5	159	110,5	76,5	4500

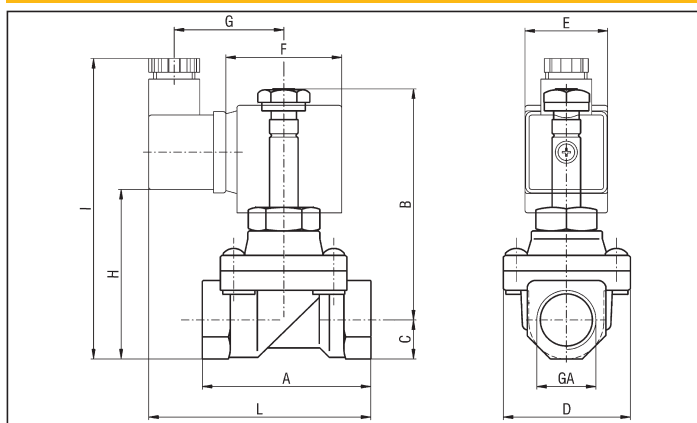
Symbol	Function	Differential pressure (bar)			Kv (m³/h)	Nominal orifice (mm)	Port size (GA)	TYPE*	Coil
		MIN.	MAX.						
			AC	DC					
	2/2 N.O.	0,15	16	16	2,2	13	G 3/8	W207313*	WE3A
		0,15	16	16	2,5	13	G 1/2	W207213*	WE3A
		0,15	14	14	5,5	19	G 3/4	W207619*	WE3A
		0,15	10	10	10,2	25	G 1	W207125*	WE3A
		0,15	10	10	18	32	G 1 1/4	W2071032*	WE2A
		0,15	10	10	21	40	G 1 1/2	W2071240*	WE2A
	2/2 N.C.	0,15	10	10	36	50	G 2	W2071650*	WE2A
		0,15	16	16	2,2	13	G 3/8	W107313*	WE3A
		0,15	16	16	2,5	13	G 1/2	W107213*	WE3A
		0,15	14	14	5,5	19	G 3/4	W107619*	WE3A
		0,15	10	10	10,2	25	G 1	W107125*	WE3A
		0,15	10	10	18	32	G 1 1/4	W1071032*	WE2A
		0,15	10	10	21	40	G 1 1/2	W1071240*	WE2A
		0,15	10	10	36	50	G 2	W1071650*	WE2A

MAXIMUM ALLOWABLE PRESSURE: 26 bar. WITH STEAM: 2.5 bar

* SPECIFY THE SEALING TYPE: B = NBR ; V = FPM; E = EPDM

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" AND "WE3A" ON PAGE 2.112) THAT HAVE PREFERABLY TO BE MOUNTED TOWARD THE HIGH

2 PORT G 3/8 - G 1 WITH MIXED ACTUATION



GA	A	B	C	D	E WE2A	E WE5A	F WE2A	F WE5A
G 3/8	59	83	14	45	30	36	42	47,5
G 1/2	59	83	14	45	30	36	42	47,5
G 3/4	79	90	18	55	-	36	-	47,5
G 1	96	101	20	72	-	36	-	47,5

G WE2A	G WE5A	H WE2A	H WE5A	I WE2A	I WE5A	L WE2A	L WE5A	WEIGHT (g)
39,5	42,5	58,5	58	106	105,5	79	82	580
39,5	42,5	58,5	58	106	105,5	79	82	530
-	42,5	-	69	-	116,5	-	89,5	750
-	42,5	-	82	-	129,5	-	100	1200

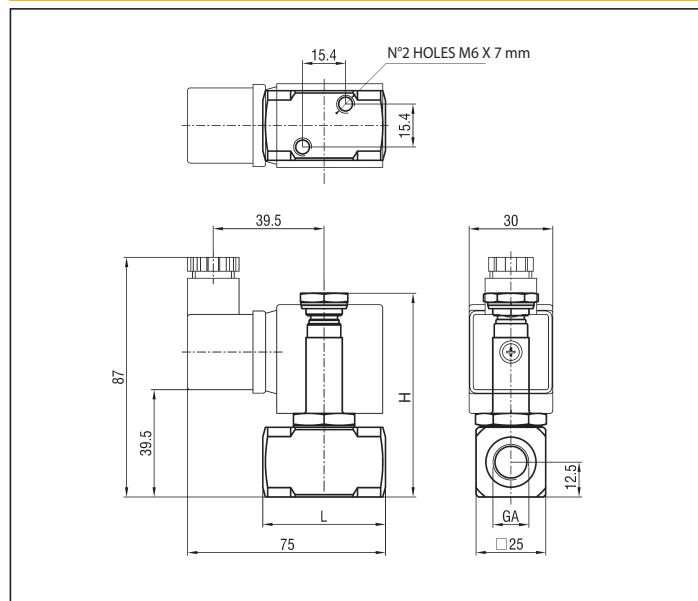
Symbol	Function	Differential pressure (bar)			Kv (m³/h)	Nominal orifice (mm)	Port size (GA)	TYPE*	Coil
		MIN.	MAX.						
			AC	DC					
	2/2 N.C.	0	10	-	2	13	G 3/8	W108313*	WE2A
		0	10	-	2,2	13	G 1/2	W108213*	WE2A
		0	10	-	5,5	19	G 3/4	W108619*	WE2A
		0	12	10	2	13	G 3/8	W108313*	WE5A
		0	12	10	2,2	13	G 1/2	W108213*	WE5A
		0	9	-	4,5	19	G 3/4	W108619*	WE5A
		0	7	-	8,5	25	G 1	W108125*	WE5A

MAXIMUM ALLOWABLE PRESSURE: 25 bar. WITH STEAM: 2.5 bar

* SPECIFY THE SEALING TYPE: B = NBR ; V = FPM; E = EPDM

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" AND "WE5A") THAT HAVE PREFERABLY TO BE MOUNTED TOWARD THE HIGH

2 PORT G 1/4 - G 3/8 - G 1/2 DIRECTLY ACTUATED



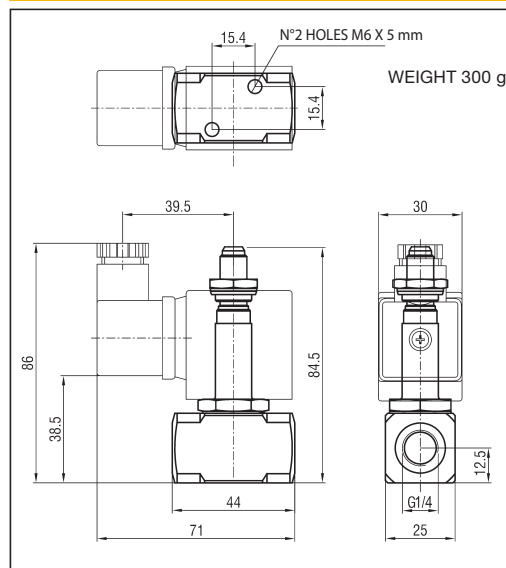
Symbol	Function	Differential pressure (bar)			Kv (m³/h)	Nominal orifice (mm)	Port size (GA)	L (mm)	H	TYPE*	Coil
		MIN.	MAX.								
			AC	DC							
	2/2 N.O.	0	30	30	0,05	1,2	G 1/4	44	79	W216412*	WE2A
		0	18	18	0,1	2	G 1/4	44	79	W216420*	WE2A
		0	12	12	0,15	2,5	G 1/4	44	79	W216425*	WE2A
		0	7	7	0,32	3,5	G 1/4	44	79	W216435*	WE2A
		0	5	5	0,41	4,5	G 1/4	44	79	W216445*	WE2A
		0	4	4	0,47	5,2	G 1/4	44	79	W216452*	WE2A
		0	4	4	0,47	5,2	G 3/8	50	79	W216352*	WE2A
		0	4	4	0,47	5,2	G 1/2	58	79	W216252*	WE2A
	2/2 N.C.	0	100	60	0,05	1,2	G 1/4	44	74	W116412*	WE2A
		0	22	20	0,1	2	G 1/4	44	74	W116420*	WE2A
		0	16	15	0,15	2,5	G 1/4	44	74	W116425*	WE2A
		0	10	8	0,32	3,5	G 1/4	44	74	W116435*	WE2A
		0	14	13	0,41	4,5	G 1/4	44	74	W116445*	WE5A
		0	10	9	0,47	5,2	G 1/4	44	74	W116452*	WE5A
		0	10	9	0,47	5,2	G 3/8	50	74	W116352*	WE5A
		0	10	9	0,47	5,2	G 1/2	58	74	W116252*	WE5A

MAXIMUM ALLOWABLE PRESSURE: 100 bar. WITH STEAM: 2.5 bar

* SPECIFY THE SEALING TYPE: B = NBR ; V = FPM; E = EPDM

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" ON PAGE 2.112)

3 PORT G 1/4 DIRECTLY ACTUATED



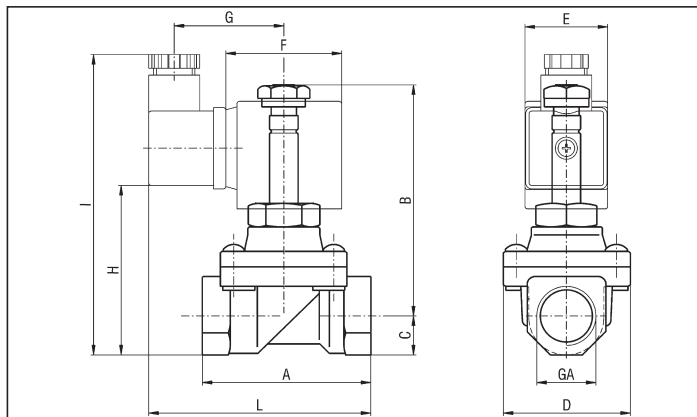
Symbol	Function	Differential pressure (bar)			Kv (m³/h)	Nominal orifice (mm)	Port size	TYPE*	Coil
		MIN.	MAX.						
			AC	DC					
	3/2 N.C.	0	10	10	0,15	2,5	G 1/4	W316425*	WE2A
		0	5	5	0,32	3,5	G 1/4	W316430*	WE2A

MAXIMUM ALLOWABLE PRESSURE: 45 bar. WITH STEAM: 2.5 bar

* SPECIFY THE SEALING TYPE: B = NBR ; V = FPM; E = EPDM

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" ON PAGE 2.112)

2 PORT G 3/8 - G 1 WITH MIXED ACTUATION



GA	A	B	C	D	E WE2A	E WE5A	F WE2A	F WE5A
G 3/8	64	75,5	13	50	30	36	42	47,5
G 1/2	59	83	14	45	30	36	42	47,5
G 3/4	66	78	17,5	50	30	36	42	47,5
G 1	86	82,5	21	82,5	-	36	-	47,5

G WE2A	G WE5A	H WE2A	H WE5A	I WE2A	I WE5A	L WE2A	L WE5A	WEIGHT (g)
43	45,5	53	54	100	100,5	84	86,5	580
43	45,5	58,5	58	106	105,5	79	82	530
43	45,5	61	62	109	108	85	87,5	750
-	45,5	-	68,5	-	116	-	98	1200

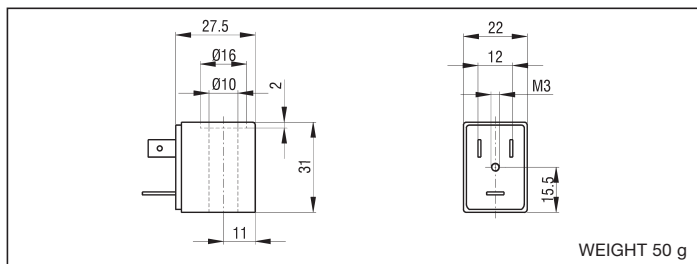
Symbol	Function	Differential pressure (bar)		Kv (m³/h)	Nominal orifice (mm)	Port size (GA)	TYPE*	Coil	
		MIN.	MAX.						
			AC						DC
	2/2 N.C.	0	16	6	2,2	12	G 3/8	W118312*	WE2A
		0	10	6	2,5	15	G 1/2	W118215*	WE2A
		0	10	6	5,5	20	G 3/4	W118620*	WE2A
		0	16	16	2,2	12	G 3/8	W118312*	WE2A
		0	16	16	2,5	15	G 1/2	W118215*	WE5A
		0	16	16	5,5	20	G 3/4	W118620*	WE5A
		0	10	8	10,2	25	G 1	W118125*	WE5A

* SPECIFY THE SEALING TYPE: V = FPM; E = EPDM

MAXIMUM ALLOWABLE PRESSURE: 26 bar. WITH STEAM: 2.5 bar

P.S.: THE TYPE OF THE SOLENOID VALVES DO NOT INCLUDE COILS (SEE "WE2A" AND "WE5A" ON PAGE) THAT HAVE PREFERABLY TO BE MOUNTED TOWARD THE HIGH

COIL TYPE WE3A

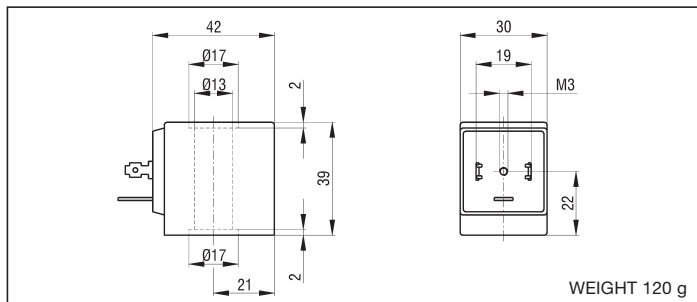


Power consumption	DC: 6,5 W AC: 8 VA holding - 12 VA inrush
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DESCRIPTION	TYPE
COIL 22 mm 24 V DC	WE3A/02400
COIL 22 mm 24 V AC	WE3A/02450-60
COIL 22 mm 110 V AC	WE3A/11050-60
COIL 22 mm 220 V AC	WE3A/22050-60

ELECTRIC CONNECTOR USR102/N9 (see on page 2.18)

COIL TYPE WE2A

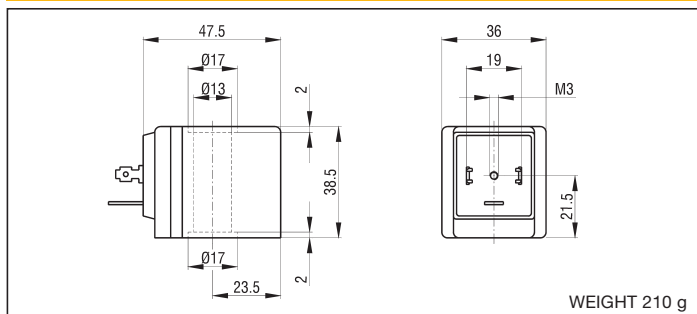


Power consumption	DC: 10 W AC: 15 VA holding - 20 VA inrush
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DESCRIPTION	TYPE
COIL 30 mm 24 V DC	WE2A/02400
COIL 30 mm 24 V AC	WE2A/02450-60
COIL 30 mm 110 V AC	WE2A/11050-60
COIL 30 mm 220 V AC	WE2A/22050-60

ELECTRIC CONNECTOR ULR1B (see on page 2.18)

COIL TYPE WE5A



Power consumption	DC: 27 W AC: 30 VA holding - 40 VA inrush
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DESCRIPTION	TYPE
COIL 36 mm 24 V DC	WE5A/02400
COIL 36 mm 24 V AC	WE5A/02450-60
COIL 36 mm 110 V AC	WE5A/11050-60
COIL 36 mm 220 V AC	WE5A/22050-60

ELECTRIC CONNECTOR ULR1B (see on page 2.18)

