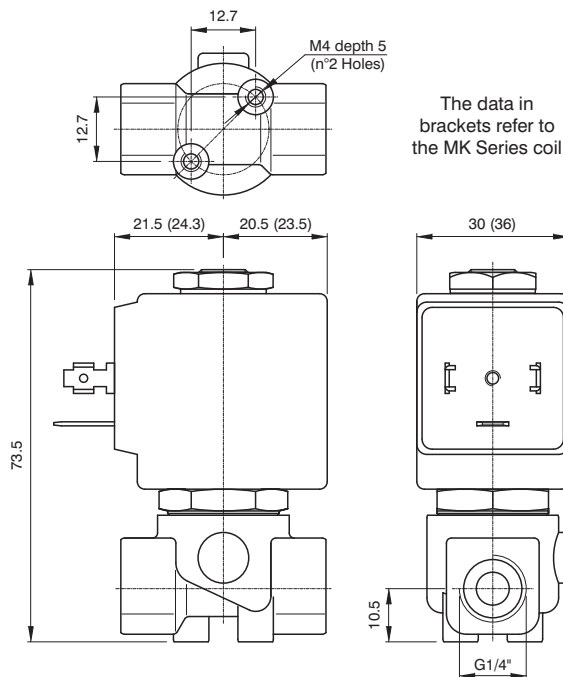


2-way solenoid normally closed valve, direct plunger operation



The data in brackets refer to the MK Series coil

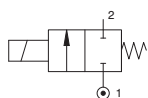
CODE "V"=Seals in FPM "E" = Coil	Connection G ISO 228	Orifice (mm)	KV (m³/h)	Differential pressure (bar)			Power Consumption			Coil Ⓔ		Temp. range (°C)
				Min	Max		AC Inrush	VA Holding	DC Watt	Series	Size	
					AC	DC						
F3106BV15Ⓔ	1/4"	1,5	0,07	0	30	26	20	15	10	MG	30	-10 +14
F3106BV20Ⓔ	1/4"	2,0	0,1	0	22	20	20	15	10	MG	30	
F3106BV25Ⓔ	1/4"	2,5	0,15	0	16	14	20	15	10	MG	30	
F3106BV35Ⓔ	1/4"	3,5	0,32	0	10	8	20	15	10	MG	30	
F3106BV45Ⓔ	1/4"	4,5	0,41	0	6,5	3,5	20	15	10	MG	30	
F3106BV52Ⓔ	1/4"	5,2	0,47	0	4	1,8	20	15	10	MG	30	
F3106BV64Ⓔ	1/4"	6,4	0,64	0	3	1	20	15	10	MG	30	
F3106BV15Ⓔ	1/4"	1,5	0,07	0	80	80	40	30	27	MK	36	
F3106BV20Ⓔ	1/4"	2,0	0,1	0	50	40	40	30	27	MK	36	
F3106BV25Ⓔ	1/4"	2,5	0,15	0	35	33	40	30	27	MK	36	
F3106BV35Ⓔ	1/4"	3,5	0,32	0	20	19	40	30	27	MK	36	
F3106BV45Ⓔ	1/4"	4,5	0,41	0	14	13	40	30	27	MK	36	
F3106BV52Ⓔ	1/4"	5,2	0,47	0	10	9	40	30	27	MK	36	
F3106BV64Ⓔ	1/4"	6,4	0,64	0	5	4,5	40	30	27	MK	36	

N.B. For use with steam, maximum admitted pressure PS is 6 bar (relative pressure) with seals in PTFE and 2.5 bar with seals in EPDM

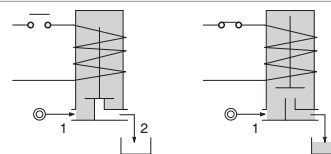
Example: F3106BV52 b => F3106BV52MG58:

2-way normally closed, direct acting solenoid valve with G connector (ISO228) 1/4", Seals in FPM, Orifice 5.2 mm, Coil 220V 50/60Hz (MG58, size 30).

Pneumatic symbol



Diagram



Operational characteristic

- Brass Body
- Guide pipe in Stainless Steel
- Mobile and fixed core in Stainless Steel
- Springs in Stainless Steel
- Sealing assemblies in FPM

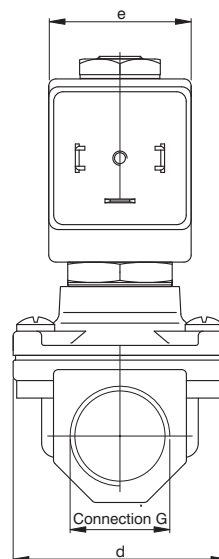
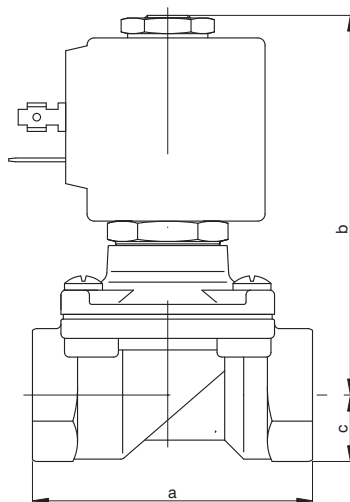
OPTIONS (if requested):

- Manual operation
- Surface treatment in chemical nickel-plating
- Inserted stainless steel seating
- For use with oxygen

Technical characteristic

Maximum admitted pressure (bar)	80
Maximum fluid viscosity (mm²/s)	25cSt
Ambient temperature: with class F coil (°C)	-10 +55
Ambient temperature: with class H coil (°C)	-10 +80
Mounting position	indifferent
Weight (gr.) with MG Series Coil	300
Weight (gr.) with MK Series Coil	380

2-way normally closed servo-actuated towed membrane solenoid valve

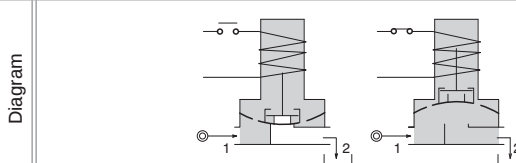


CONNECTION	a	b	c	d	e	f	Weight (g.) size 2	Weight (g.) size 5
G3/8" Ø12	59	83	14	45	16	36	0,50	0,58
G1/2"	59	83	14	45	16	36	0,45	0,53
G3/4"	79	90	18	55		36	-	0,75
G1"	96	101	20	72		36	-	1,10

CODE "V"=Seals in FPM Ⓜ = Coil	Connection G ISO 228	Orifice (mm)	KV (m³/h)	Differential pressure (bar)			Power Consumption			Coil Ⓜ		Temp. range (°C)
				Min	Max		AC Inrush	VA Holding	DC Watt	Series	Size	
					AC	DC						
F3108CV12Ⓜ	3/8"	12	2	0	10	-	20	15	-	MG	30	-10 +140
F3108DV12Ⓜ	1/2"	12	2.2	0	10	-	20	15	-	MG	30	
F3108CV12Ⓜ	3/8"	12	2	0	12	10	40	30	27	MK	36	
F3108DV12Ⓜ	1/2"	12	2.2	0	12	10	40	30	27	MK	36	
F3108EV18Ⓜ	3/4"	18	4.5	0	9	-	40	30	-	MK	36	
F3108FV25Ⓜ	1"	24	8.5	0	7	-	40	30	-	MK	36	
F3108EV18CⓂ	3/4"	18	4.5	0	-	9	-	-	27	MK	36	
F3108FV25CⓂ	1"	24	8.5	0	-	8	-	-	27	MK	36	

Example: F3108DV12b => F3108DV12MG5:

2-way normally closed in brass with towed membrane solenoid valve with Connector G (ISO228) 1/2", Seals in FPM, Orifice 12 mm, Coil 24V DC (MG5, size 30).



Operational characteristic

- Body and cover in Brass
- Guide pipe in Stainless Steel
- Mobile and fixed core in Stainless Steel
- Springs in Stainless Steel
- Sealing assemblies in FPM
- **OPTIONS (if requested):**
- Surface treatment in chemical nickel-plating

Technical characteristic

Maximum admitted pressure (bar)	25
Maximum fluid viscosity (mm²/s)	25cSt
Ambient temperature: with class F coil (°C)	-10 +55
Ambient temperature: with class H coil (°C)	-10 +80
Mounting position	Preferably with coil upwards