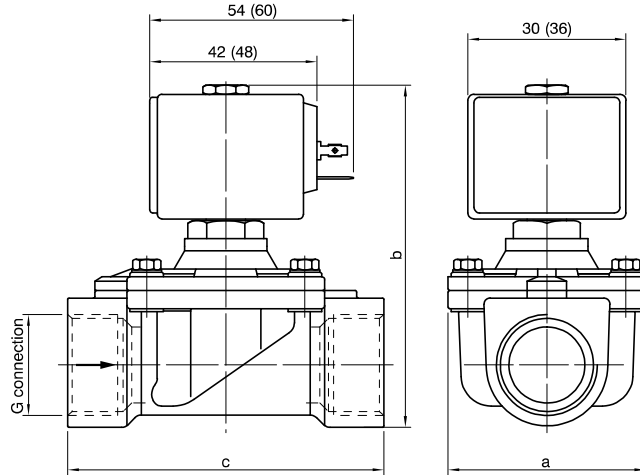




F3168 - 2-way solenoid valve N.C. brass body and cover, with G connection (ISO 228) - 3/8" ... 1" 1/2

PNEUMAX FLUID CONTROL



The data in brackets refer to the MK Series coil

CODE "V" = FPM seals	G connection (ISO 228) ⊕ = Connection						Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption (W)	⊕ = Solenoid coil		Temperature range (°C)
	C	D	E	F	G	H			Min	Max		Series	Size	
										AC	DC			
F3168CV11B	3/8"			/			11	1,2	14	5	10	MG	30	-10 ... +140
F3168CV16B	/	1/2"		/			16	2,4	/	14	27	MK	36	
F3168CV16B	/		3/4"	/			16	2,4	14	2,5	10	MG	30	
F3168CV16B	/			/			16	2,4	/	14	27	MK	36	
F3168CV20HB	/		3/4"	/			20	7,2	14	2,5	10	MG	30	
F3168CV20HB	/			/			20	7,2	/	14	27	MK	36	
F3168CV25B	/			1"	/		25	7,2	16	5	10	MG	30	
F3168CV25B	/				/		25	7,2	/	16	27	MK	36	
F3168CV25HB	/			1"	/		25	8,4	8	/	10	MG	30	
F3168CV25HB	/				/		25	8,4	14	1,5	14	MK	36	
F3168CV35B	/				1" 1/4	/	35	16,2	/	6	27	MK	36	
F3168CV35B	/					/	35	16,2	16	5	10	MG	30	
F3168CV40B	/					1" 1/2	40	16,8	/	16	27	MK	36	
F3168CV40B	/						40	16,8	/	6	14	MK	36	
F3168CV40B	/						40	16,8	/	16	27	MK	36	

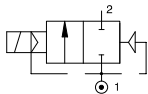
G connection	3/8"	1/2"	3/4"	3/4" (H)	1"	1" (H)	1" 1/4	1" 1/2
a	50	50	50	65	65	65	94	94
b	89	100	100	103	112	110	130	130
c	56	70	70	104	104	104	128	128

N.B. For use with steam maximum admitted pressure PS is 2,5 bar (relative pressure).

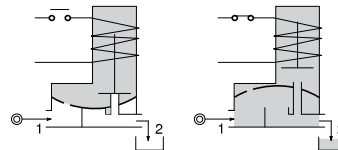
Example: F3168CV11B => F3168CV11MG5:

2-way solenoid valve normally closed, with assisted-lift diaphragm with G connection (ISO 228) 3/8", FPM seals, 11 mm orifice, solenoid coil 24 VDC (MG5, size 30 for more information, please refer to the section "Solenoid coils - Series F300").

Pneumatic symbol



Diagram



Construction characteristics

- Brass body and cover
- AISI 303 stainless steel guide tube
- AISI 430FR stainless steel mobile and fixed core
- AISI 302 stainless steel springs
- FPM sealing assemblies (NBR on request)

OPTIONS (on request):

- NPT connections
- ATEX Ex d explosion protection solenoid coil
- For use with oxygen
- CE certified solenoid coils

Technical characteristics

Maximum admitted pressure (bar)	16
Maximum fluid viscosity (mm²/s)	25cSt
Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
Ambient temperature: with class H solenoid coil (°C)	-10 ... +80
Mounting position	Preferably with solenoid coil upwards