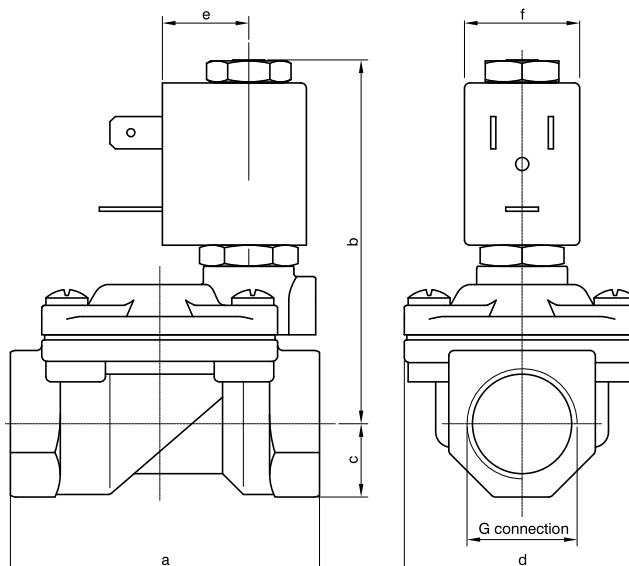


F3107 - 2-way solenoid valve N.C. brass body and cover, with G connection (ISO 228) - 1/4" ... 1" 1/4


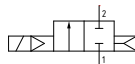
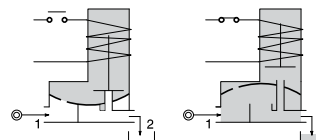
CODE "V" = FPM seals	G connection (ISO 228) ⊕ = Connection						Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption			⊕ = Solenoid coil		Temperature range (°C)	
	B	C	D	E	F	G			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series		Size
										AC	DC						
F3107⊕V10⊕	1/4"		/				10	1,5	0,15	15	15	12	8	6,5	MI	22	-10 ... +140
F3107⊕V10⊕	/	3/8"	/				10	1,7		15	15						
F3107⊕V12⊕	/	3/8"	/				12	2,2		15	15						
F3107⊕V12⊕	/		1/2"	/			12	2,5		15	15						
F3107⊕V18⊕	/		3/4"		/		18	5,5		13	13						
F3107⊕V25⊕	/				1"	/	25	10,2		10	10						
F3107⊕V30⊕	/				1" 1/4		30	15		10	10						

G connection	1/4" Ø10	3/8" Ø10	3/8" Ø12	1/2" Ø12	3/4"	1"	1" 1/4 Ø30
a	49	49	59	59	79	96	119
b	65	65	70	70	76	85	92
c	11	11	14	14	18	20	25
d	32	32	45	45	55	72	85
e	16						
f	22						
Weight (g)	230	240	420	390	650	1050	1700

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

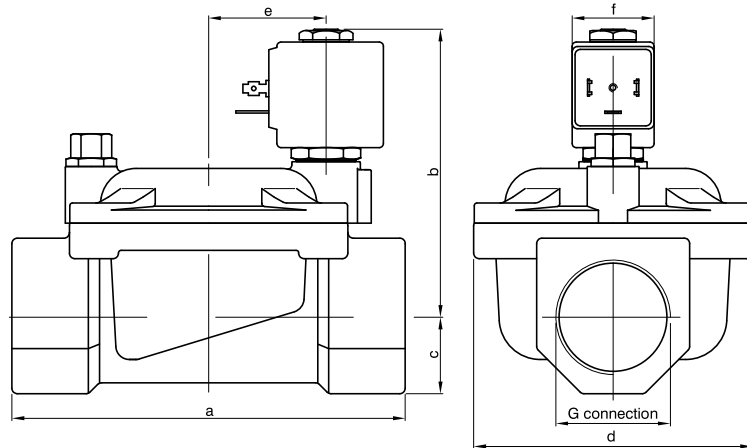
Example: F3107⊕V25⊕ => F3107FV25MI58:

2-way solenoid valve normally closed, servo-assisted diaphragm with G connection (ISO 228) 1", FPM seals, 25 mm orifice, solenoid coil 230 VAC (50-60 Hz) (MI58, size 22 for more information, please refer to the section "Solenoid coils - Series F300").

Pneumatic symbol

Diagram


Construction characteristics	Technical 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 OPTIONS (on request): - Manual override - Chemical nickel plating surface treatment - Version with slowed commutation - Version for vacuum (air/gas) - For use with oxygen - XME solenoid coil for potentially explosive environments to ATEX standards - Ex mb IIC - as certified solenoid coils	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
	Mounting position	Preferably with solenoid coil upwards

F3107 - 2-way solenoid valve N.C. brass body and cover, with G connection (ISO 228) - 1" 1/4 ... 3"



PNEUMAX FLUID CONTROL

CODE "V"= FPM seals "B"= NBR seals	G connection (ISO 228) ⊕= Connection					Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption			⊕= Solenoid coil		Temperature range (°C)	
	G	H	I	M	R			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series		Size
									AC	DC						
F3107⊕V37⊕	1" 1/4	/				37	18	0,15	10	10	20	15	10	MG	30	-10 ... +140
F3107⊕V37⊕	/	1" 1/2	/			37	21		10	10						
F3107⊕V50⊕	/	2"		/		50	36		10	10						
F3107⊕B75⊕	/		2" 1/2		/	75	75	0,3	5	5	20	15	10	MG	30	-10 ... +90
F3107⊕B75⊕	/				3"	75	84		5	5						

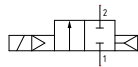
G connection	1" 1/4	1" 1/2	2"	2" 1/2	3"
a	142	142	158	226	226
b	105	105	115	134	134
c	28	28	35	51	51
d	102	102	119	169	169
e	21				
f	30				
Weight (g)	3000	2850	4300	1170	9900

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

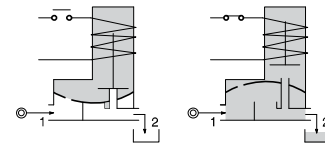
Example: F3107⊕V37⊕ => F3107GV37MG5:

2-way solenoid valve normally closed, servo-assisted diaphragm with G connection (ISO 228) 1" 1/4, FPM seals, 37 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

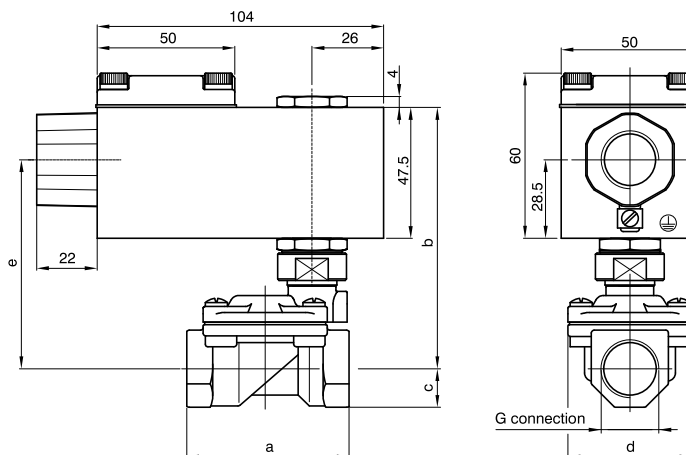
- Brass body and cover
- AISI 303 stainless steel guide tube
- AISI 430FR stainless steel mobile and fixed core
- AISI 302 stainless steel springs
- FPM sealing assemblies (NBR only for "M" and "R" versions)

OPTIONS (on request):

- Manual override
- Chemical nickel plating
- Version for vacuum (air/gas)
- certified solenoid coils

Technical characteristics

Maximum admitted pressure (bar)	20
Minimum differential pressure (bar)	0,15 ... 3
Maximum fluid viscosity (mm²/s)	25cSt
Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
Mounting position	Preferably with solenoid coil upwards

FX3107 - 2-way solenoid valve N.C. brass body and cover, with G connection (ISO 228)
with certified housing: Ex d IIC T6 or T5 or T4 Gb - 1/4" ... 3"


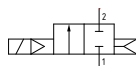
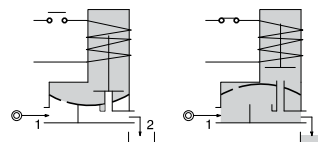
CODE "V"= FPM seals "B"= NBR seals	G connection (ISO 228) ⊗= Connection										Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption		⊗= Solenoid coil	Temperature range (°C)						
	B	C	D	E	F	G	H	I	M	R			Min	Max		AC Holding (VA)			DC (W)					
														AC	DC									
FX3107⊗V10⊗	1/4"	/										10	1,5	0,15	15	15	12	8	A6B= 24 Volt (AC 50-60 Hz) A6E= 220/230 Volt (AC 50-60 Hz) A60= 12 Volt (DC) A61= 24 Volt (DC)	-10 ... +80				
FX3107⊗V10⊗	/	3/8"	/										10		1,7	15					15			
FX3107⊗V12⊗	/	3/8"	/										12		2,2	15					15			
FX3107⊗V12⊗	/	1/2"	/										12		2,5	15					15			
FX3107⊗V18⊗	/		3/4"	/											18	5,5					13	13		
FX3107⊗V25⊗	/			1"	/										25	10,2					10	10		
FX3107⊗V30⊗	/				1" 1/4	/										30					15	10	10	
FX3107⊗V37⊗	/				1" 1/4	/										37					18	10	10	
FX3107⊗V37⊗	/					1" 1/2	/										37	21	10	10				
FX3107⊗V50⊗	/						2"	/										50	36	10	10			
FX3107⊗B75⊗	/							2" 1/2	/										75	75	0,3	5	5	
FX3107⊗B75⊗	/								3"											75		84	5	5

G connection	1/4" Ø10	3/8" Ø10	3/8" Ø12	1/2" Ø12	3/4"	1"	1" 1/4 Ø30	1" 1/4	1" 1/2	2"	2" 1/2	3"
a	49	49	59	59	79	96	119	142	142	158	226	226
b	90	90	95	95	101	110	118	110	110	119	138	138
c	11	11	14	14	18	20	25	28	28	35	51	51
d	32	32	45	45	54	72	85	102	102	119	169	169
e	71	71	76	76	82	91	99	91	91	100	119	119
Weight (g)	720	720	920	920	1100	1500	2270	3330	3120	4720	10400	10000

N.B. The solenoid valve is suited for intercepting only fluids that are NOT potentially explosive.

Example: FX3107⊗V10⊗ => FX3107BV10A60.

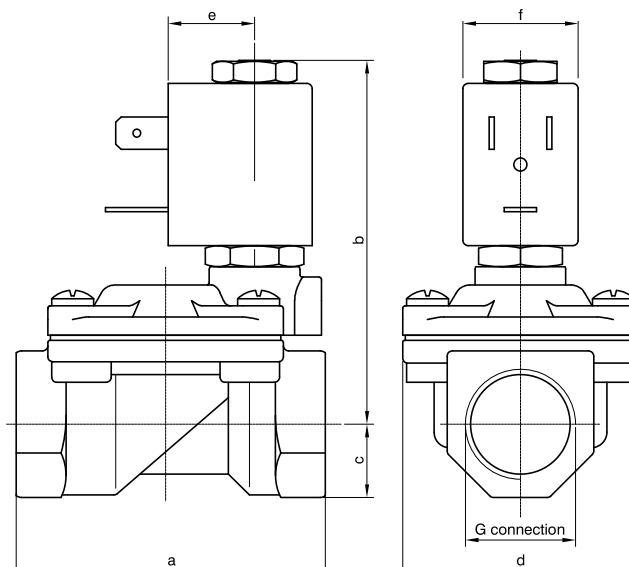
2-way solenoid valve normally closed, servo-assisted diaphragm with certified housing: Ex d IIC T6 or T5 or T4 Gb, with G connection (ISO 228) 1/4", FPM seals, 10 mm orifice, solenoid coil 12 VDC (A60).

Pneumatic symbol

Diagram


Construction characteristics	Technical characteristics	
- Brass body and cover - Red light alloy housing - 1/2" NPT electrical connection (M20x1,5 on request) - FPM sealing assemblies (NBR only for "M" and "R" versions) OPTIONS (on request): - Chemical nickel plating surface treatment - Version with slowed commutation	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15 ... 0,3
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature (°C)	-40 ... +60
	Mounting position	Vertical with solenoid coil upwards



F3177 - 2-way solenoid valve N.C. stainless steel body and cover, with G connection (ISO 228) - 3/8" ... 1"



PNEUMAX FLUID CONTROL

CODE "V"= FPM seals	G connection (ISO 228) ⊕= Connection				Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption			⊕= Solenoid coil		Temperature range (°C)	
	C	D	E	F			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series		Size
								AC	DC						
F3177CV12⊕	3/8"	/			12	2,2	0,15	15	15	12	8	6,5	MI	22	-10 ... +140
F3177CV12⊕	/	1/2"	/		12	2,5		15	15						
F3177CV18⊕	/		3/4"	/	18	5,5		13	13						
F3177CV25⊕	/			1"	25	10,2		10	10						

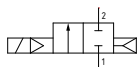
G connection	3/8"	1/2"	3/4"	1"
a	59	59	79	96
b	70	70	76	85
c	11	13	18	20
d	45	45	55	72
e	16			
f	22			
Weight (g)	300	320	550	950

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

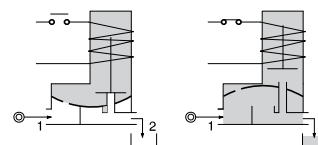
Example: F3177CV12⊕ => F3177CV12MI58:

2-way solenoid valve normally closed, servo-assisted diaphragm with G connection (ISO 228) 3/8", FPM seals, 12 mm orifice, solenoid coil 230 VAC (50-60 Hz) (MI58, size 22 for more information, please refer to the section "Solenoid coils - Series F300").

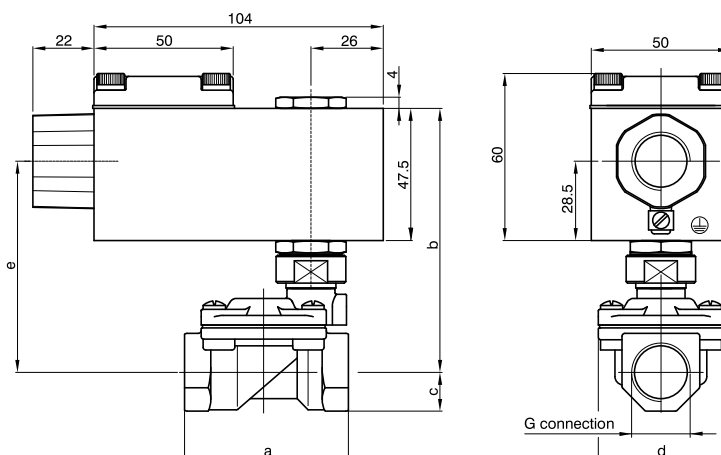
Pneumatic symbol



Diagram



Construction characteristics	Technical characteristics	
- AISI 316 stainless steel 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 OPTIONS (on request): - Manual override - Seals for use with foodstuff fluids - Version with slowed commutation - Silver advance ring - For use with oxygen - XME solenoid coil for potentially explosive environments to ATEX standards - Ex mb IIC - and IECEx certified solenoid coils	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
	Mounting position	Preferably with solenoid coil upwards

FX3177 - 2-way solenoid valve N.C. stainless steel body and cover, with G connection (ISO 228)
with certified housing: Ex d IIC T6 or T5 or T4 Gb - 3/8" ... 1"


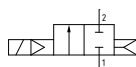
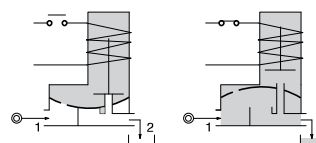
CODE "V"= FPM seals	G connection (ISO 228) ⊕= Connection				Orifice (mm)	KV (m³/h)	Differential pressure (bar)		AC Holding (VA)		DC (W)	⊕= Solenoid coil	Temperatur range (°C)	
	C	D	E	F			Min	Max						
								AC						DC
FX3177⊕V121⊕	3/8"	/			12	2,2	0,15	15	15	12	8	A6B= 24 Volt (AC 50-60 Hz) A6E= 220/230 Volt (AC 50-60 Hz) A60= 12 Volt (DC) A61= 24 Volt (DC)	-10 ... +80	
FX3177⊕V121⊕	/	1/2"	/		12	2,5		15	15					
FX3177⊕V181⊕	/		3/4"	/	18	5,5		13	13					
FX3177⊕V251⊕	/			1"	25	10,2		10	10					

G connection	3/8" Ø12	1/2" Ø12	3/4"	1"
a	59	59	79	96
b	95	95	101	110
c	14	14	18	20
d	45	45	54	72
e	76	76	82	91
Weight (g)	1120	1110	1100	1500

N.B. The solenoid valve is suited for intercepting only fluids that are NOT potentially explosive.

Example: FX3177⊕V12⊕ => FX3177CV12A60:

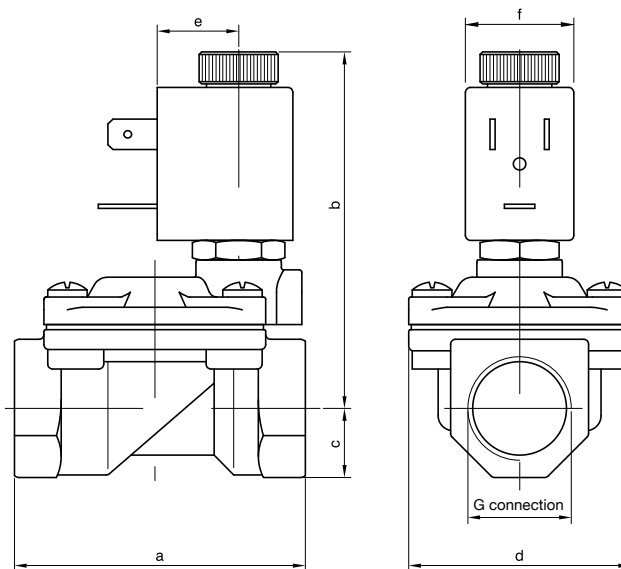
2-way solenoid valve normally closed, servo-assisted diaphragm with certified housing: Ex d IIC T6 or T5 or T4 Gb, with G connection (ISO 228) 3/8", FPM seals, 12 mm orifice, solenoid coil 12 VDC (A60).

Pneumatic symbol

Diagram


Construction characteristics	Technical characteristics	
- AISI 316 stainless steel body and cover - Red light alloy housing - 1/2" NPT electrical connection (M20x1,5 on request) - FPM sealing assemblies OPTIONS (on request): - Version with slowed commutation	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature (°C)	-40 ... +60
	Mounting position	Vertical with solenoid coil upwards



F3277 - 2-way solenoid valve N.O. stainless steel body and cover, with G connection (ISO 228) - 3/8" ... 1"



PNEUMAX FLUID CONTROL

CODE "V"= FPM seals	G connection (ISO 228) ⊕= Connection				Orifice (mm)	KV (m³/h)	Differential pressure (bar)		Power consumption			⊕= Solenoid coil		Temperature range (°C)	
	C	D	E	F			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series		Size
								AC	DC						
F3277CV12⊕	3/8"	/			12	2,2	0,15	15	15	12	8	6,5	MI	22	-10 ... +140
F3277CV12⊕	/	1/2"	/		12	2,5		15	15						
F3277CV18⊕	/		3/4"	/	18	5,5		13	13						
F3277CV25⊕	/			1"	25	10,2		10	10						

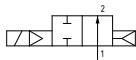
G connection	3/8"	1/2"	3/4"	1"
a	59	59	79	96
b	73	73	76	85
c	14	14	18	20
d	45	45	55	72
e	16			
f	22			
Weight (g)	300	320	550	950

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

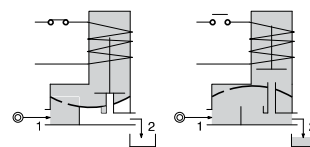
Example: F3277CV12⊕ => F3277CV12MI58:

2-way solenoid valve normally open, servo-assisted diaphragm, with G connection (ISO 228) 3/8", FPM seals, 12 mm orifice, solenoid coil 230 VAC (50-60 Hz) (MI58, size 22 for more information, please refer to the section "Solenoid coils - Series F300").

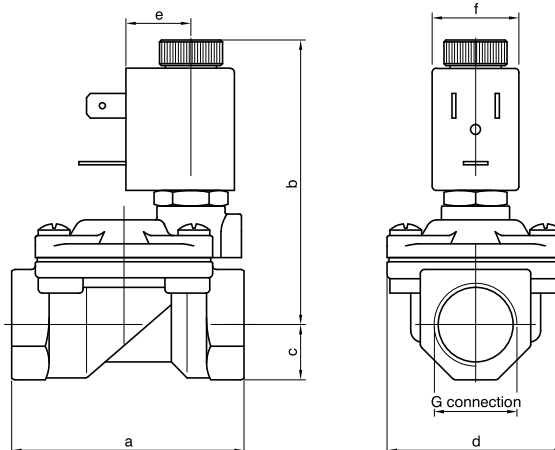
Pneumatic symbol



Diagram



Construction characteristics	Technical characteristics	
- AISI 316 stainless steel 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 OPTIONS (on request): - Seals for use with foodstuff fluids - Version with slowed commutation - Silver advance ring - For use with oxygen - XME solenoid coil for potentially explosive environments to ATEX standards - Ex mb IIC - cULus certified solenoid coils	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
	Mounting position	Preferably with solenoid coil upwards

F3207 - 2-way solenoid valve N.O. brass body and cover, with G connection (ISO 228) - 1/4" ... 1" 1/4


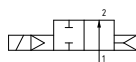
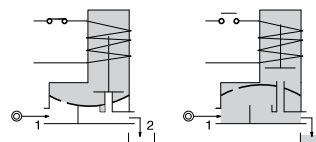
CODE “V” = FPM seals	G connection (ISO 228) ⊕ = Connection						Orifice (mm)	KV (m³/h)	Differential pressure (bar)			Power consumption			⊕ = Solenoid coil		Temperature range (°C)
	B	C	D	E	F	G			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series	Size	
										AC	DC						
F3207⊕V10⊕	1/4"	/					10	1,5	0,15	15	15	12	8	6,5	MI	22	-10 ... +140
F3207⊕V10⊕	/	3/8"	/				10	1,7		15	15						
F3207⊕V12⊕	/	3/8"	/				12	2,2		15	15						
F3207⊕V12⊕	/	1/2"		/			12	2,5		15	15						
F3207⊕V18⊕	/		3/4"		/		18	5,5		13	13						
F3207⊕V25⊕	/			1"		/	25	10,2		10	10						
F3207⊕V30⊕	/					1" 1/4		30	15	10	10						

G connection	1/4" Ø10	3/8" Ø10	3/8" Ø12	1/2" Ø12	3/4"	1"	1" 1/4 Ø30
a	49	49	59	59	79	96	119
b	65	65	73	73	76	85	96
c	11	11	14	14	18	20	25
d	32	32	45	45	55	72	85
e	16						
f	22						
Weight (g)	230	240	420	390	650	1050	1700

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

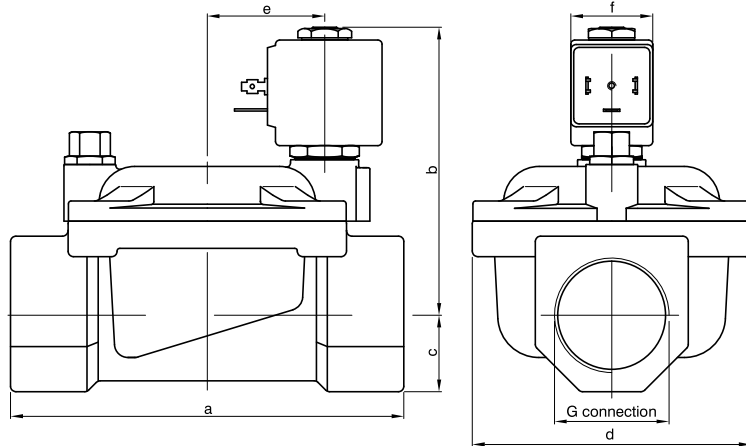
Example: F3207⊕V10⊕ => F3207CV10MI58:

2-way solenoid valve normally open, servo-assisted diaphragm, with G connection (ISO 228) 1/4", FPM seals, 10 mm orifice, solenoid coil 230 VAC (50-60 Hz) (MI58, size 22 for more information, please refer to the section "Solenoid coils - Series F300").

Pneumatic symbol

Diagram


Construction characteristics	Technical 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 OPTIONS (on request): - Manual override - Chemical nickel plating surface treatment - XME solenoid coil for potentially explosive environments to ATEX standards - Ex mb IIC - certified solenoid coils	Maximum admitted pressure (bar)	25
	Minimum differential pressure (bar)	0,15
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
	Mounting position	Preferably with solenoid coil upwards

F3207 - 2-way solenoid valve N.O. brass body and cover, with G connection (ISO 228) - 1" 1/4 ... 3"



CODE "V" = FPM seals "B" = NBR seals	G connection (ISO 228) ⊕ = Connection					Orifice (mm)	KV (m³/h)	Differential pressure (bar)			Power consumption			⊕ = Solenoid coil		Temperature range (°C)
	G	H	I	M	R			Min	Max		AC Inrush (VA)	AC Holding (VA)	DC (W)	Series	Size	
									AC	DC						
F3207⊕V37⊕	1" 1/4	/				37	18	0,15	10	10	20	15	10	MG	30	-10 ... +140
F3207⊕V37⊕	/	1" 1/2	/			37	21		10	10						
F3207⊕V50⊕	/		2"	/		50	36		10	10						
F3207⊕B75⊕	/			2" 1/2	/	75	75	0,3	5	5	20	15	10	MG	30	-10 ... +90
F3207⊕B75⊕	/				3"	75	84		5	5						

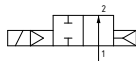
G connection	1" 1/4	1" 1/2	2"	2" 1/2	3"
a	142	142	158	226	226
b	105	105	115	134	134
c	28	28	35	51	51
d	102	102	119	169	169
e	21				
f	30				
Weight (g)	3000	2850	4300	1170	9900

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

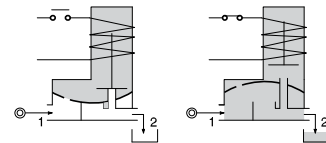
Example: F3107⊕V37⊕ => F3107GV37MG5:

2-way solenoid valve normally closed, servo-assisted diaphragm with G connection (ISO 228) 1" 1/4, FPM seals, 37 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	Technical 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 only for "M" and "R" versions) OPTIONS (on request): - Manual override - Chemical nickel plating - Version for vacuum (air/gas) - cULus certified solenoid coils	Maximum admitted pressure (bar)	20
	Minimum differential pressure (bar)	0,15 ... 3
	Maximum fluid viscosity (mm²/s)	25cSt
	Ambient temperature: with class F solenoid coil (°C)	-10 ... +55
	Mounting position	Preferably with solenoid coil upwards