



PRODUCT CATALOG



wfay®

MECHANICAL EARTHQUAKE VALVES THREADED GROUP



Production Standarts : ASCE 25-16

Approved Organizations : Tv Austria CE

Valve Type : Clapper

Material : Aluminium

Connection Type : Gas Threaded

Operating Temperature : -23°C / +66°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



THREADED GROUP



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM S 15	Vertical	1/2"	15	0,5 bar	94
FM S 20	Vertical	3/4"	20	0,5 bar	94
FM S 25	Vertical	1"	25	0,5 bar	94
FM S 152	Vertical	1/2"	15	4 bar	94
FM S 202	Vertical	3/4"	20	4 bar	94
FM S 252	Vertical	1"	25	4 bar	94



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM S 151	Horizontal	1/2"	15	0,5 bar	94
FM S 201	Horizontal	3/4"	20	0,5 bar	94
FM S 251	Horizontal	1"	25	0,5 bar	94
FM S 153	Horizontal	1/2"	15	4 bar	94
FM S 203	Horizontal	3/4"	20	4 bar	94
FM S 253	Horizontal	1"	25	4 bar	94



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 20	Vertical	3/4"	20	0,5 bar	126
FM 25	Vertical	1"	25	0,5 bar	126
FM 32	Vertical	1 1/4"	32	0,5 bar	126
FM 252	Vertical	1"	25	4 bar	126
FM 322	Vertical	1 1/4"	32	4 bar	126



THREADED GROUP



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 251	Horizontal	1"	25	0,5 bar	126
FM 321	Horizontal	1 1/4"	32	0,5 bar	126
FM 253	Horizontal	1"	25	4 bar	126
FM 323	Horizontal	1 1/4"	32	4 bar	126

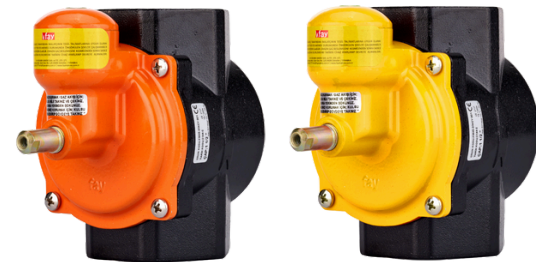


0,5 Bar

4 Bar



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 40	Vertical	1 1/2"	40	0,5 bar	128
FM 50	Vertical	2"	50	0,5 bar	128
FM 402	Vertical	1 1/2"	40	4 bar	128
FM 502	Vertical	2"	50	4 bar	128



0,5 Bar

4 Bar



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 401	Horizontal	1 1/2"	40	0,5 bar	128
FM 501	Horizontal	2"	50	0,5 bar	128
FM 403	Horizontal	1 1/2"	40	4 bar	128
FM 503	Horizontal	2"	50	4 bar	128



0,5 Bar

4 Bar

MECHANICAL EARTHQUAKE VALVES

FLANGED GROUP



Production Standarts : ASCE 25-16

Approved Organizations : Tüv Austria CE

Valve Type : Clapper

Material : Aluminium

Connection Type : Flanged

Connection Standarts : PN 16

Operating Temperature : -23°C / +66°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



FLANGED GROUP



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM F 500	Vertical	2"	50	0,5 bar	208
FM F 650	Vertical	2 1/2"	65	0,5 bar	208
FM F 502	Vertical	2"	50	4 bar	208
FM F 652	Vertical	2 1/2"	65	4 bar	208



0,5 Bar

4 Bar



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM F 501	Horizontal	2"	50	0,5 bar	208
FM F 651	Horizontal	2 1/2"	65	0,5 bar	208
FM F 503	Horizontal	2"	50	4 bar	208
FM F 653	Horizontal	2 1/2"	65	4 bar	208



0,5 Bar

4 Bar



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FDV 80	Vertical	3"	80	0,5 bar	263
FDV 100	Vertical	4"	100	0,5 bar	289
FDV 802	Vertical	3"	80	4 bar	263
FDV 1002	Vertical	4"	100	4 bar	289



0,5 Bar

4 Bar

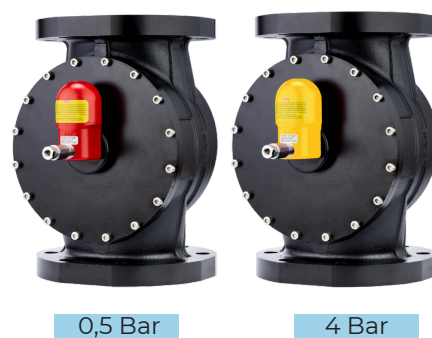
FLANGED GROUP



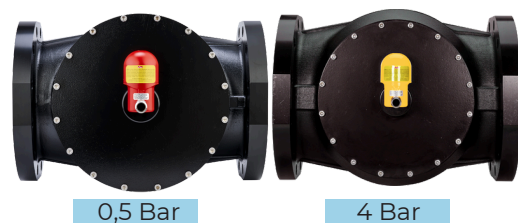
MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FDV 801	Horizontal	3"	80	0,5 bar	263
FDV 1001	Horizontal	4"	100	0,5 bar	289
FDV 803	Horizontal	3"	80	4 bar	263
FDV 1003	Horizontal	4"	100	4 bar	289



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FDV 150	Vertical	6"	150	0,5 bar	403
FDV 200	Vertical	8"	200	0,5 bar	504
FDV 250	Vertical	10"	250	0,5 bar	554
FDV 1502	Vertical	6"	150	4 bar	403
FDV 2002	Vertical	8"	200	4 bar	504
FDV 2502	Vertical	10"	250	4 bar	554



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FDV 1501	Horizontal	6"	150	0,5 bar	403
FDV 2001	Horizontal	8"	200	0,5 bar	504
FDV 2501	Horizontal	10"	250	0,5 bar	554
FDV 1503	Horizontal	6"	150	4 bar	403
FDV 2003	Horizontal	8"	200	4 bar	504
FDV 2503	Horizontal	10"	250	4 bar	554



SEISMIC GAS SHUT-OFF VALVES



Production Standards : ASCE 25-16

Approved Organizations : CSA (Canadian Standards Association), Tüv Austria CE

Material : Aluminium, Brass, Stainless Steel

Connection Type : NPT

Operating Temperature : -10°F (-23°C) / 150°F (+66°C)

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



RR-5761



19-S12, 19-S13, 19-S14

FM MODEL : 3/4" - 1" - 1 1/4" - 1 1/2" - 2"

ASCE 25-16 : Earthquake-Actuated Automatic Gas Shutoff Devices

ANSI Z21.21-2015/CSA 6.5-2015 : Automatic Valves For Gas Appliances Sixth Edition - Update no.1 - March 2021

CR90-002 (1/18/1990) : Automatic Gas Shut-off System with Earthquake Warning

FM S MODEL : 3/4" - 1"

ASCE 25-16 : Earthquake-Actuated Automatic Gas Shutoff Devices

ANSI Z21.21-2005/CSA 6.5-2005 : Automatic Valves For Gas Appliances

CR90-002 : Automatic Gas Shut-off System with Earthquake Actuated

CSA APPROVED		
NPT	PRESSURE	
	7 PSI	60 PSI
3/4"	✓	
1"	✓	✓
1 1/4"	✓	✓
1 1/2"	✓	✓
2"	✓	✓

THREADED GROUP



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM S 200	Vertical	3/4"	20	7 PSI	94
FM S 250	Vertical	1"	25	7 PSI	94



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM S 201	Horizontal	3/4"	20	7 PSI	94
FM S 251	Horizontal	1"	25	7 PSI	94



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 20	Vertical	3/4"	20	7 PSI	126
FM 25	Vertical	1"	25	7 PSI	126
FM 32	Vertical	1 1/4"	32	7 PSI	126
FM 252	Vertical	1"	25	60 PSI	126
FM 322	Vertical	1 1/4"	32	60 PSI	126



THREADED GROUP



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 321	Horizontal	1 1/4"	32	7 PSI	126
FM 253	Horizontal	1"	25	60 PSI	126
FM 323	Horizontal	1 1/4"	32	60 PSI	126



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 40	Vertical	1 1/2"	40	7 PSI	128
FM 50	Vertical	2"	50	7 PSI	128
FM 402	Vertical	1 1/2"	40	60 PSI	128
FM 502	Vertical	2"	50	60 PSI	128



MODEL	OPERATING POSITION	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FM 401	Horizontal	1 1/2"	40	7 PSI	128
FM 501	Horizontal	2"	50	7 PSI	128
FM 403	Horizontal	1 1/2"	40	60 PSI	128
FM 503	Horizontal	2"	50	60 PSI	128



MANUAL RESET NORMALLY OPEN SOLENOID VALVES THREADED GROUP



Production Standards : EN 12266-1, EN 12516-3

Approved Organizations : Tüv Austria CE

Valve Type : Clapper

Material : Aluminium

Connection Type : Gas Threaded, NPT

Operating Temperature : -23°C /+66°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



THREADED GROUP



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFM S 15	220 V - 24 V - 12 V	1/2"	15	0,5 bar	94
SLFM S 20	220 V - 24 V - 12 V	3/4"	20	0,5 bar	94
SLFM S 25	220 V - 24 V - 12 V	1"	25	0,5 bar	94
SLFM S 15	220 V - 24 V - 12 V	1/2"	15	6 bar	94
SLFM S 20	220 V - 24 V - 12 V	3/4"	20	6 bar	94
SLFM S 25	220 V - 24 V - 12 V	1"	25	6 bar	94



0,5 bar

6 bar



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFM 32	220 V - 24 V - 12 V	1 1/4"	32	0,5 bar	126
SLFM 20	220 V - 24 V - 12 V	3/4"	20	6 bar	126
SLFM 25	220 V - 24 V - 12 V	1"	25	6 bar	126
SLFM 32	220 V - 24 V - 12 V	1 1/4"	32	6 bar	126



0,5 bar

6 bar



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFM 40	220 V - 24 V - 12 V	1 1/2"	40	0,5 bar	128
SLFM 50	220 V - 24 V - 12 V	2"	50	0,5 bar	128
SLFM 40	220 V - 24 V - 12 V	1 1/2"	40	6 bar	128
SLFM 50	220 V - 24 V - 12 V	2"	50	6 bar	128



0,5 bar

6 bar

MANUAL RESET NORMALLY OPEN SOLENOID VALVES

FLANGED GROUP



Production Standards : EN 12266-1, EN 12516-3

Approved Organizations : Tüv Austria CE

Valve Type : Clapper

Material : Aluminium

Connection Type : Flanged

Connection Standards : PN 16

Operating Temperature : -23°C /+66°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



FLANGED GROUP



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFM F 50	220 V - 24 V - 12 V	2"	50	0,5 bar	208
SLFM F 65	220 V - 24 V - 12 V	2 1/2"	65	0,5 bar	208
SLFM F 50	220 V - 24 V - 12 V	2"	50	6 bar	208
SLFM F 65	220 V - 24 V - 12 V	2 1/2"	65	6 bar	208



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFDV 80	220 V - 24 V - 12 V	3"	80	0,5 bar	263
SLFDV 100	220 V - 24 V - 12 V	4"	100	0,5 bar	289
SLFDV 80	220 V - 24 V - 12 V	3"	80	6 bar	263
SLFDV 100	220 V - 24 V - 12 V	4"	100	6 bar	289



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFDV 150	220 V - 24 V - 12 V	6"	150	0,5 bar	403
SLFDV 200	220 V - 24 V - 12 V	8"	200	0,5 bar	504
SLFDV 250	220 V - 24 V - 12 V	10"	250	0,5 bar	554
SLFDV 150	220 V - 24 V - 12 V	6"	150	6 bar	403
SLFDV 200	220 V - 24 V - 12 V	8"	200	6 bar	504
SLFDV 250	220 V - 24 V - 12 V	10"	250	6 bar	554



LPG SOLENOID VALVES

MANUAL RESET
NORMALLY OPEN



Production Standards : EN 12266-1, EN 12516-3

Approved Organizations : Tüv Austria CE

Valve Type : Clapper

Material : Aluminium

Connection Type : Gas Threaded

Operating Temperature : -23°C / +66°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



THREADED GROUP



MODEL	VOLTAGE	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
SLFM S 15	220 V	1/2"	15	6 bar	94
SLFM S 20	220 V	3/4"	20	6 bar	94
SLFM S 25	220 V	1"	25	6 bar	94



GAS FILTERS

THREADED GROUP



Production Standards : EN 10276, EN 13611

Approved Organizations : Tüv Austria CE

Material : Aluminium

Connection Type: Gas Threaded

Filter Cartridge : 50 µm

Operating Temperature : -20°C / +60°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.



THREADED GROUP



MODEL	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FFL 20	3/4"	20	0,5 bar	126
FFL 25	1"	25	0,5 bar	126
FFL 32	1 1/4"	32	0,5 bar	126
FFL 20	3/4"	20	6 bar	126
FFL 25	1"	25	6 bar	126
FFL 32	1 1/4"	32	6 bar	126



0,5 bar



6 bar



MODEL	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FFL 40	1 1/2"	40	0,5 bar	128
FFL 50	2"	50	0,5 bar	128
FFL 40	1 1/2"	40	6 bar	128
FFL 50	2"	50	6 bar	128



0,5 bar



6 bar



GAS FILTERS FLANGED GROUP



Production Standards : EN 10276, EN 13611

Approved Organizations : Tüv Austria CE

Material : Aluminium

Connection Type : Flanged

Connection Standards : PN 16

Filter Cartridge : 50 µm

Operating Temperature : -20°C / +60°C

O-ring : NBR

Used for gaseous fluids such as natural gas, lpg, methane, propane, butane, air etc.

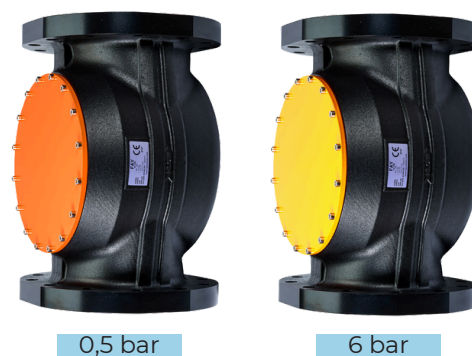


FLANGED GROUP


MODEL	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FFL F 50	2"	50	0,5 bar	208
FFL F 65	2 1/2"	65	0,5 bar	208
FFL 80	3"	80	0,5 bar	263
FFL 100	4"	100	0,5 bar	289
FFL F 50	2"	50	6 bar	208
FFL F 65	2 1/2"	65	6 bar	208
FFL 80	3"	80	6 bar	263
FFL 100	4"	100	6 bar	289



MODEL	DIAMETER	DN	OPERATING PRESSURE	ASSEMBLY LENGTH (mm)
FFL 150	6"	150	0,5 bar	403
FFL 200	8"	200	0,5 bar	504
FFL 250	10"	250	0,5 bar	554
FFL 150	6"	150	6 bar	403
FFL 200	8"	200	6 bar	504
FFL 250	10"	250	6 bar	554


GAS ALARM DEVICE


MODEL	SIGNAL OUTPUT DURATION	POWER	LENGTH (mm)	HEIGHT (mm)	WIDTH (mm)	CABLE LENGTH (mm)
FG-01	220 VAC / 5 sec	3 W	45	120	77	550



MECHANICAL EARTHQUAKE SWITCH

EQS is a mechanical earthquake switch that detects seismic movements (earthquake) and automatically switches off by sending a signal to the desired point as a result of the detected movements. The device is designed to automatically cut off the gas flow under the conditions of ASCE 25-16 standard. It is used in systems such as Elevator, Generator, Electricity and Fire Panel etc.



MODEL	ELECTRICITY VALUES	LENGTH (mm)	HEIGHT (mm)	WIDTH (mm)
EQS SWITCH	16A -125/250 VAC	100	113	115



SOLENOID COILS



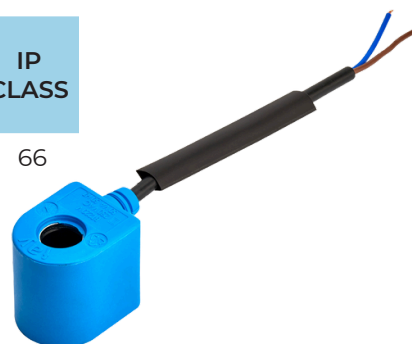
MODEL	VOLTAGE	POWER	RESISTANCE (ohm)	CURRENT (amper)	FREQUENCY (hz)	IP CLASS
220V	220 VAC	50VA~64,6VA	500	0,2	50	66
24V	24 VDC	20W~22,8W	23	24,85	50	66
12V	12 VDC	30W~36W	4	2,2	50	66



SOLENOID COILS



MODEL	VOLTAGE	POWER	RESISTANCE (ohm)	CURRENT (amper)	FREQUENCY (hz)	IP CLASS
T 220V (With Thermostat)	220 VAC	50VA~ 64,6VA	500	0,2	50	66



MODEL	VOLTAGE	POWER	RESISTANCE (ohm)	CURRENT (amper)	FREQUENCY (hz)	IP CLASS
B220V (ATEX)	220 VAC	50VA~64,6VA	500	0,2	50	66
B24V (ATEX)	24 VDC	20W~22,8W	23	24,85	50	66
B12V (ATEX)	12 VDC	30W~36W	4	2,2	50	66



MODEL	VOLTAGE	POWER	RESISTANCE (ohm)	CURRENT (amper)	FREQUENCY (hz)	IP CLASS
BT220 V (With Thermostat)	220 VAC	50VA~64,6VA	500	0,2	50	66



		Mechanical Earthquake Valve										Solenoid Valve				Gas Filter			
		CE Approved					CSA Approved					CE Approved				CE Approved			
		Threaded		Flanged			Threaded		Flanged			Threaded		Flanged		Threaded		Flanged	
		0,5 Bar	4 Bar	0,5 Bar	4 Bar		7 PSI	60 PSI	7 PSI	60 PSI		0,5 Bar	6 Bar	0,5 Bar	6 Bar	0,5 Bar	6 Bar	0,5 Bar	6 Bar
DN 15	1/2"	✓	✓									✓	✓						
DN 20	3/4"	✓	✓				✓					✓	✓			✓			
DN 25	1"	✓	✓				✓	✓				✓	✓			✓	✓		
DN 32	1 1/4"	✓	✓				✓	✓				✓	✓			✓			
DN 40	1 1/2"	✓	✓				✓	✓				✓	✓			✓	✓		
DN 50	2"	✓	✓		✓		✓	✓				✓	✓		✓	✓	✓		✓
DN 65	2 1/2"			✓	✓									✓	✓			✓	✓
DN 80	3"			✓	✓									✓	✓			✓	✓
DN 100	4"			✓	✓									✓	✓			✓	✓
DN 150	6"			✓	✓									✓	✓			✓	✓
DN 200	8"			✓	✓									✓	✓			✓	✓
DN 250	10"			✓	✓									✓	✓			✓	✓

A large rectangular area filled with a uniform grid of small dots, intended for handwritten notes.



A large rectangular area filled with a fine grid of small dots, intended for handwritten notes.



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