



## 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 / +60°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 202 | Vertical           | 3/4"     | 20 | 4 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 201 | Horizontal         | 3/4"     | 20 | 0,5 bar            | 126                  |
| FM 251 | Horizontal         | 1"       | 25 | 0,5 bar            | 126                  |
| FM 321 | Horizontal         | 1 1/4"   | 32 | 0,5 bar            | 126                  |
| FM 203 | Horizontal         | 3/4"     | 20 | 4 bar              | 126                  |
| FM 253 | Horizontal         | 1"       | 25 | 4 bar              | 126                  |
| FM 323 | Horizontal         | 1 1/4"   | 32 | 4 bar              | 126                  |

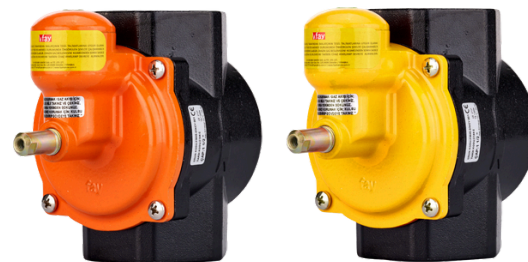


0,5 Bar

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 / +60°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

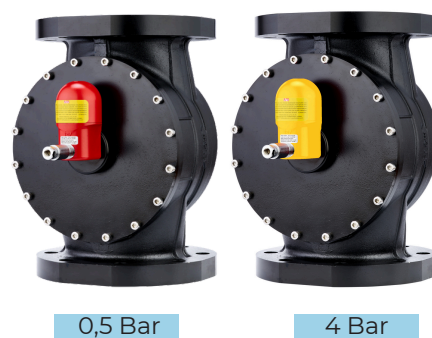
## FLANGED GROUP



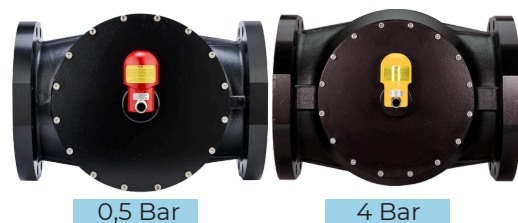
| MODEL    | OPERATING POSITION | DIAMETER | DN  | OPERATING PRESSURE | ASSEMBLY LENGTH (mm) |
|----------|--------------------|----------|-----|--------------------|----------------------|
| FDV 801  | Horizontal         | 3"       | 80  | 0,5 bar            | 263                  |
| FDV 1001 | Horizontal         | 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

Valve Type : Clapper

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



DIVISION OF THE STATE ARCHITECT  
DEPARTMENT OF GENERAL SERVICES

19-S12, 19-S13, 19-S14



**FM S MODEL : DN 20 - DN 25**

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

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

**CR90-002** : Earthquake Actuated Automatic Gas Shutoff System

**FM MODEL : DN 20 - DN 25 - DN 32 - DN 40 - DN 50**

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

**CSA/ANSI 72121:19-CSA 6.5:19 - Sixth Edition** : Automatic Valves for Gas Appliances  
- Update No. 1 - March 2021

**CR90-002 (1/18/1990)** : Earthquake Actuated Automatic Gas Shutoff System

| 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



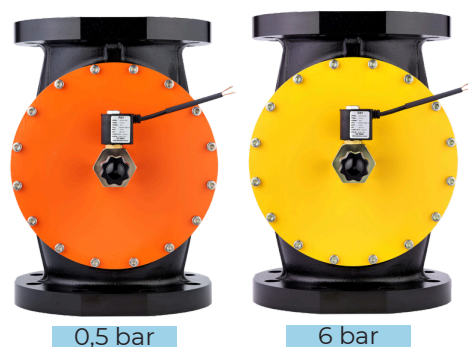
| MODEL     | VOLTAGE             | DIAMETER | DN | OPERATING PRESSURE | ASSEMBLY LENGTH (mm) |
|-----------|---------------------|----------|----|--------------------|----------------------|
| SLFM F 50 | 220 V - 24 V - 12 V | 2"       | 50 | 0,5 bar            | 208                  |
| SLFM F 65 | 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 : -23°C / +66°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                  |



| 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                  |





# 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 : -23°C / +66°C

O-ring : NBR

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



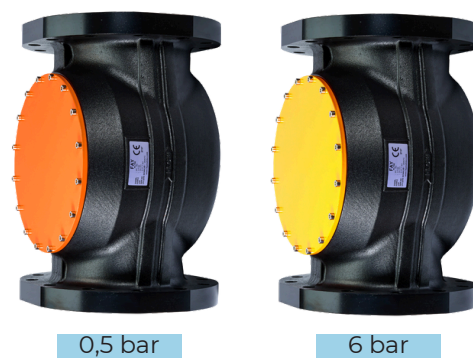
## FLANGED GROUP



| 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) |
|-----------|------------------------|-------|-------------|-------------|------------|-------------------|
| GazKes-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 | 600              | 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       |



| MODEL        | VOLTAGE | POWER       | RESISTANCE (ohm) | CURRENT (amper) | FREQUENCY (hz) | IP CLASS |
|--------------|---------|-------------|------------------|-----------------|----------------|----------|
| B220V (ATEX) | 220 VAC | 50VA~64,6VA | 600              | 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       |



|        |        | 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 grid of dotted lines for taking notes, consisting of 20 columns and 30 rows.





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