

## Description & Features

- Liquid filled optional stainless steel case protects against vibration and pulsation
- Bayonet ring
- Back, bottom, or panel mounted
- Stainless steel wetted parts
- Restrictor screw standard

## Applications

- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems

## Specifications

### Standard

EN837-1

### Dial Size

2.5"(63mm), 4"(100mm), 6"(150mm), 8"(200mm), 10"(250mm)  
white aluminum

### Pressure Range

Stainless steel wetted parts:

63mm: 0...1 bar to 0...1000 bar

100mm: 0...0.6 bar to 0...2500 bar

150mm: 0...0.6 bar to 0...2500 bar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Case Material

304 stainless steel

### Lens

Tempered glass (standard)

### Ring

304 stainless steel, bayonet

### Pointer

Aluminum black adjustable

### Bourdon Tube

316L stainless steel

### Movement

Stainless steel

### Socket Material

316 stainless steel

### Connection

Dial Size 2.5": 1/4" in NPT, G, BSP, BSPT

Dial Size 4", 6": 1/2" in NPT, G, BSP, BSPT and M20x1.5



1.Optional Blowout Disk

### Protection

IP 65 per EN 60 529 / IEC 529

### Working Pressure

Maximum 75% of full scale value

### Over-pressure

130% of full scale value

### Ambient/Process Temperature

-40°F to 150°F (-40 °C to 65 °C) dry

14°F to 150°F (-10 °C - 65 °C) glycerine filled

### Accuracy

±1.0% EN 837:

- Dial size: 100mm, 150mm

- Range: 1...600 bar

±1.6% EN 837:

- Dial size: 63mm

- Range: 4...1000 bar

±1.6% EN 837:

- Dial size: 100mm, 150mm

- Range: 600 bar...2500 bar or vacuum

±2.5% EN 837:

- Dial size: 63mm

- Range: 0...4 bar or vacuum

### Option

316L wetted parts

Case material 316 SS

Glycerin fill

Silicone fill

Safety glass

Blowout disk

±1% accuracy

Oxygen cleaning

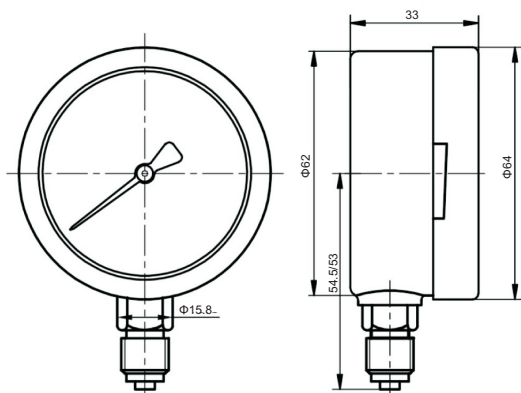
Calibration Certificate

## Order Information

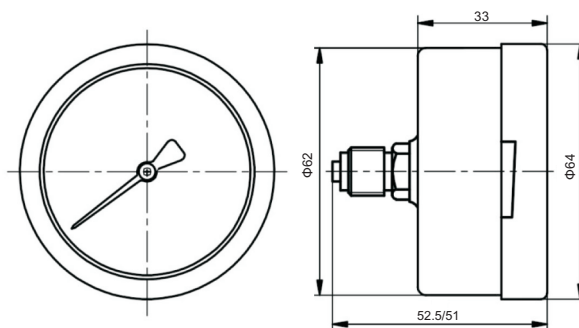
Series/ Dial Size/ Case Materials/ Wetted Parts/ Configuration/ Connection Size/ Thread/ Range/ Option

## Dimensions

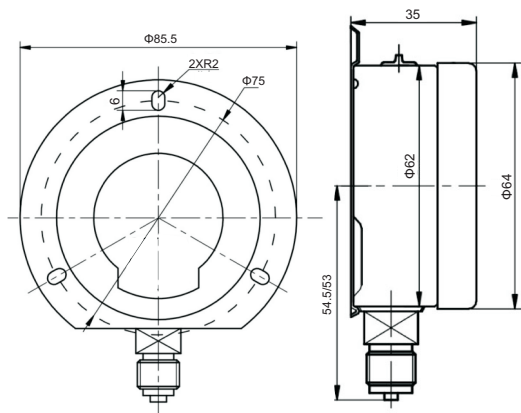
2.5" (63mm) Bottom Connection



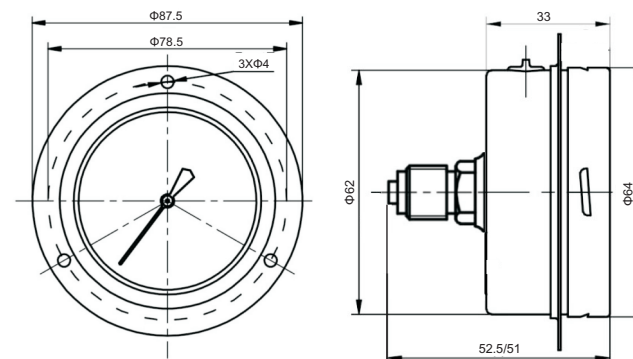
2.5" (63mm) Centre Back Connection



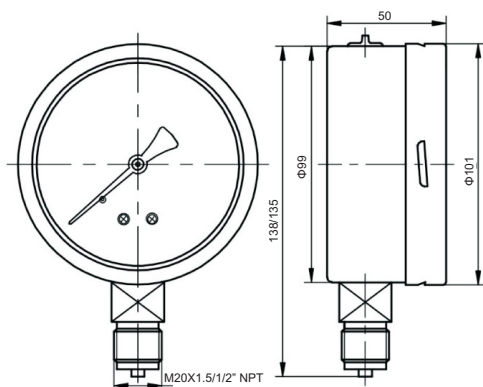
2.5" (63mm) Bottom Connection with optional Back Flange



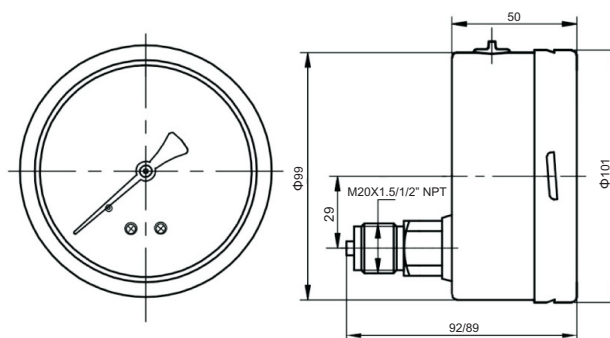
2.5" (63mm) Centre Back Connection with optional Front Flange



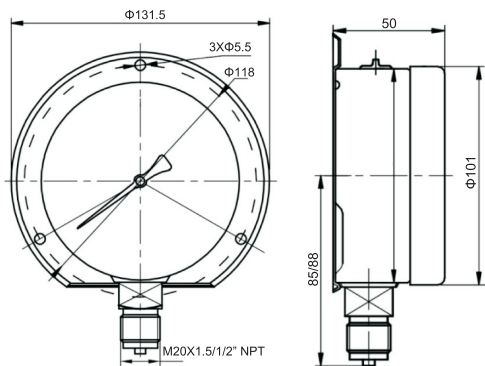
4" (100mm) Bottom Connection



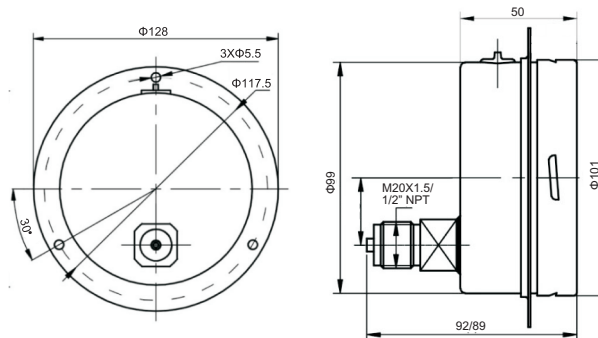
4" (100mm) Lower Back Connection



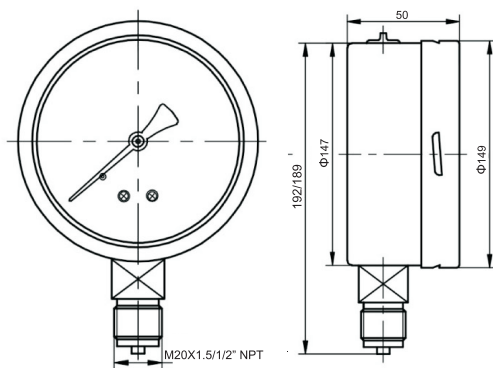
4" (100mm) Bottom Connection with optional Back Flange



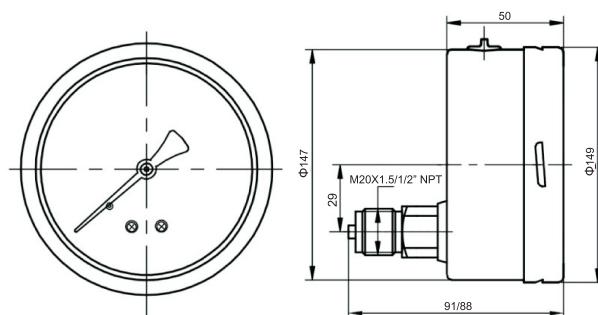
4" (100mm) Lower Back Connection with optional Front Flange



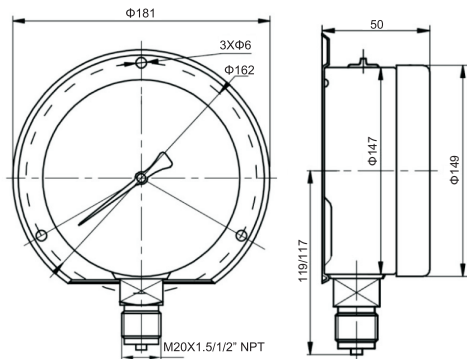
6" (150mm) Bottom Connection



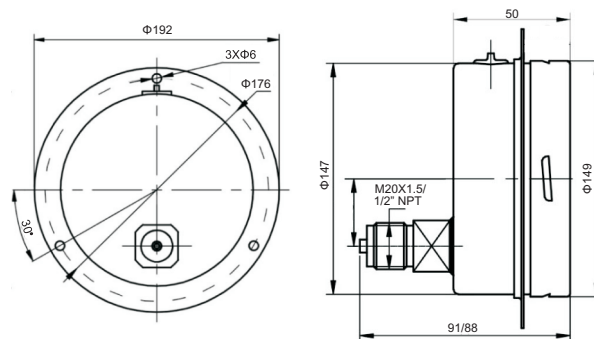
6" (150mm) Lower Back Connection



6" (150mm) Bottom Connection with optional Back Flange



6" (150mm) Lower Back Connection with optional Front Flange



## Ordering Code PFN Series

| Field No. | Code               | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|-----------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|--------|---------|--------|--------|---------|--------|-----------|-----------|--------|-------|--------|--------|---------|--------|-----------|----------|--------|-------|--------|--------|---------|--------|----------|--|-------|-------|--------|--------|---------|--|-----------|--|-------|------|-------|------|-------|--|
| 1.        | <div></div>        | PFN      Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 2.        | <div></div>        | Dial Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 25                 | 2.5" (63mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 40                 | 4.0" (100mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 60                 | 6.0" (150mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 80                 | 8.0" (200mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 90                 | 10.0" (250mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 3.        | <div></div>        | Case Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | T                  | 304 SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | S                  | 316 SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           |                    | Wetted Parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 4.        | <div></div>        | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 316 SS |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | L                  | 316L SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | Z                  | Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 5.        | <div></div>        | Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | A                  | Bottom connection, stem mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | B                  | Bottom connection, back flange, surface mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | D                  | Back connection, stem mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | F                  | Back connection, wide front flange, (drilled) panel mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | U                  | Back connection, wide front flange, (undrilled) panel mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | Z                  | Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | <div></div>        | <div><div>A</div><div>B</div><div>D</div><div>F</div><div>U</div></div>                                                                                                          |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 6.        | <div></div>        | Connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 4                  | 1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 3                  | 3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | 2                  | 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | Z                  | Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 7.        | <div></div>        | Thread                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | N                  | NPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | B                  | BSP (G)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | T                  | BSPT (R)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | F                  | M14X1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | M                  | M20X1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | Z                  | Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 8.        | <div></div>        | Range (XXXX)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           |                    | Standard Ranges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | MPa                | <table><tr><td>-0.1/0</td><td>-0.1/0.9</td><td>0/0.1</td><td>0/1</td><td>0/10</td><td>0/100</td><td></td><td></td></tr><tr><td>-0.1/0.06</td><td>-0.1/1.5</td><td>0/0.16</td><td>0/1.6</td><td>0/16</td><td>0/160</td><td></td><td></td></tr><tr><td>-0.1/0.15</td><td>-0.1/2.4</td><td>0/0.25</td><td>0/2.5</td><td>0/25</td><td>0/250</td><td></td><td></td></tr><tr><td>-0.1/0.3</td><td></td><td>0/0.4</td><td>0/4</td><td>0/40</td><td></td><td></td><td></td></tr><tr><td>-0.1/0.5</td><td></td><td>0/0.6</td><td>0/6</td><td>0/60</td><td></td><td></td><td></td></tr></table>                        | -0.1/0 | -0.1/0.9  | 0/0.1  | 0/1     | 0/10   | 0/100  |         |        | -0.1/0.06 | -0.1/1.5  | 0/0.16 | 0/1.6 | 0/16   | 0/160  |         |        | -0.1/0.15 | -0.1/2.4 | 0/0.25 | 0/2.5 | 0/25   | 0/250  |         |        | -0.1/0.3 |  | 0/0.4 | 0/4   | 0/40   |        |         |  | -0.1/0.5  |  | 0/0.6 | 0/6  | 0/60  |      |       |  |
| -0.1/0    | -0.1/0.9           | 0/0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/1    | 0/10      | 0/100  |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -0.1/0.06 | -0.1/1.5           | 0/0.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0/1.6  | 0/16      | 0/160  |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -0.1/0.15 | -0.1/2.4           | 0/0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0/2.5  | 0/25      | 0/250  |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -0.1/0.3  |                    | 0/0.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/4    | 0/40      |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -0.1/0.5  |                    | 0/0.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/6    | 0/60      |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | bar                | <table><tr><td>-1/0</td><td>-1/9</td><td></td><td></td><td>0/1</td><td>0/10</td><td>0/100</td><td>0/1000</td></tr><tr><td>-1/0.6</td><td>-1/15</td><td></td><td></td><td>0/1.6</td><td>0/16</td><td>0/160</td><td>0/1600</td></tr><tr><td>-1/1.5</td><td>-1/24</td><td></td><td></td><td>0/2.5</td><td>0/25</td><td>0/250</td><td>0/2500</td></tr><tr><td>-1/3</td><td></td><td></td><td></td><td>0/4</td><td>0/40</td><td>0/400</td><td></td></tr><tr><td>-1/5</td><td></td><td></td><td></td><td>0/6</td><td>0/60</td><td>0/600</td><td></td></tr></table>                                                 | -1/0   | -1/9      |        |         | 0/1    | 0/10   | 0/100   | 0/1000 | -1/0.6    | -1/15     |        |       | 0/1.6  | 0/16   | 0/160   | 0/1600 | -1/1.5    | -1/24    |        |       | 0/2.5  | 0/25   | 0/250   | 0/2500 | -1/3     |  |       |       | 0/4    | 0/40   | 0/400   |  | -1/5      |  |       |      | 0/6   | 0/60 | 0/600 |  |
| -1/0      | -1/9               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | 0/1       | 0/10   | 0/100   | 0/1000 |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/0.6    | -1/15              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | 0/1.6     | 0/16   | 0/160   | 0/1600 |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/1.5    | -1/24              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | 0/2.5     | 0/25   | 0/250   | 0/2500 |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/3      |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | 0/4       | 0/40   | 0/400   |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/5      |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | 0/6       | 0/60   | 0/600   |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | psi                | <table><tr><td>30"/0</td><td>30"/0/150</td><td>0/15</td><td>0/160</td><td>0/800</td><td>0/3000</td><td>0/10000</td><td></td></tr><tr><td>30"/0/15</td><td>30"/0/300</td><td>0/30</td><td>0/200</td><td>0/1000</td><td>0/4000</td><td>0/15000</td><td></td></tr><tr><td>30"/0/30</td><td></td><td>0/60</td><td>0/300</td><td>0/1500</td><td>0/5000</td><td>0/20000</td><td></td></tr><tr><td>30"/0/60</td><td></td><td>0/100</td><td>0/600</td><td>0/2000</td><td>0/6000</td><td>0/30000</td><td></td></tr><tr><td>30"/0/100</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | 30"/0  | 30"/0/150 | 0/15   | 0/160   | 0/800  | 0/3000 | 0/10000 |        | 30"/0/15  | 30"/0/300 | 0/30   | 0/200 | 0/1000 | 0/4000 | 0/15000 |        | 30"/0/30  |          | 0/60   | 0/300 | 0/1500 | 0/5000 | 0/20000 |        | 30"/0/60 |  | 0/100 | 0/600 | 0/2000 | 0/6000 | 0/30000 |  | 30"/0/100 |  |       |      |       |      |       |  |
| 30"/0     | 30"/0/150          | 0/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0/160  | 0/800     | 0/3000 | 0/10000 |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 30"/0/15  | 30"/0/300          | 0/30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0/200  | 0/1000    | 0/4000 | 0/15000 |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 30"/0/30  |                    | 0/60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0/300  | 0/1500    | 0/5000 | 0/20000 |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 30"/0/60  |                    | 0/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/600  | 0/2000    | 0/6000 | 0/30000 |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| 30"/0/100 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |           |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
|           | kg/cm <sup>2</sup> | <table><tr><td>-1/0</td><td>-1/9</td><td>0/1</td><td>0/10</td><td>0/100</td><td></td><td></td><td></td></tr><tr><td>-1/0.6</td><td>-1/15</td><td>0/1.6</td><td>0/16</td><td>0/160</td><td></td><td></td><td></td></tr><tr><td>-1/1.5</td><td>-1/24</td><td>0/2.5</td><td>0/25</td><td>0/250</td><td></td><td></td><td></td></tr><tr><td>-1/3</td><td></td><td>0/4</td><td>0/40</td><td>0/400</td><td></td><td></td><td></td></tr><tr><td>-1/5</td><td></td><td>0/6</td><td>0/60</td><td>0/600</td><td></td><td></td><td></td></tr></table>                                                                   | -1/0   | -1/9      | 0/1    | 0/10    | 0/100  |        |         |        | -1/0.6    | -1/15     | 0/1.6  | 0/16  | 0/160  |        |         |        | -1/1.5    | -1/24    | 0/2.5  | 0/25  | 0/250  |        |         |        | -1/3     |  | 0/4   | 0/40  | 0/400  |        |         |  | -1/5      |  | 0/6   | 0/60 | 0/600 |      |       |  |
| -1/0      | -1/9               | 0/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0/10   | 0/100     |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/0.6    | -1/15              | 0/1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/16   | 0/160     |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/1.5    | -1/24              | 0/2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0/25   | 0/250     |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/3      |                    | 0/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0/40   | 0/400     |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |
| -1/5      |                    | 0/6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0/60   | 0/600     |        |         |        |        |         |        |           |           |        |       |        |        |         |        |           |          |        |       |        |        |         |        |          |  |       |       |        |        |         |  |           |  |       |      |       |      |       |  |

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## Ordering Code PFN Series

| Field No. | Code                                          | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
|-----------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------|----------|-----------------|--------|--------------|--------|--------------|----|----------------------------|-----------|---------|----|------------|--------|-----------------|----|----------------------------------|-----------|-------------------------|----|----------------------|--------|-----------------------------|----|----------------------------|----|--------------------------------|----|--------------------------------|--------|-----------------------------|----|------------------------|----|-----------------------------------------------|----|----------------------------------------------|--------|-----------------------------------------------|----|-----------------------------------------------|
|           |                                               | <div><div>Range (XXXX)</div><div>Standard Ranges</div><table><tr><td rowspan="5">kPa</td><td>-100/0</td><td>-100/900</td><td></td><td></td><td>0/100</td><td>0/1000</td><td></td><td></td></tr><tr><td>-100/60</td><td>-100/1500</td><td></td><td></td><td>0/160</td><td>0/1600</td><td></td><td></td></tr><tr><td>-100/150</td><td>-100/2400</td><td></td><td></td><td>0/250</td><td>0/2500</td><td></td><td></td></tr><tr><td>-100/300</td><td></td><td></td><td></td><td>0/400</td><td>0/4000</td><td></td><td></td></tr><tr><td>-100/500</td><td></td><td></td><td></td><td>0/600</td><td>0/6000</td><td></td><td></td></tr></table></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | kPa | -100/0          | -100/900 |                 |        | 0/100        | 0/1000 |              |    | -100/60                    | -100/1500 |         |    | 0/160      | 0/1600 |                 |    | -100/150                         | -100/2400 |                         |    | 0/250                | 0/2500 |                             |    | -100/300                   |    |                                |    | 0/400                          | 0/4000 |                             |    | -100/500               |    |                                               |    | 0/600                                        | 0/6000 |                                               |    |                                               |
| kPa       | -100/0                                        | -100/900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                 |          | 0/100           | 0/1000 |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
|           | -100/60                                       | -100/1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                 |          | 0/160           | 0/1600 |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
|           | -100/150                                      | -100/2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                 |          | 0/250           | 0/2500 |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
|           | -100/300                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          | 0/400           | 0/4000 |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
|           | -100/500                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 | 0/600    | 0/6000          |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| 9.        |                                               | <div><div>Options</div><table><tr><td>SE</td><td>Glycerin filled</td></tr><tr><td>SD</td><td>Silicone filled</td></tr><tr><td>SA</td><td>Safety glass</td></tr><tr><td>SB</td><td>Blowout disk</td></tr><tr><td>SJ</td><td>Maximum adjustable pointer</td></tr><tr><td>SH</td><td>U-Clamp</td></tr><tr><td>SY</td><td>Use no oil</td></tr><tr><td>SL</td><td>Oxygen Cleaning</td></tr><tr><td>SM</td><td>Stainless steel tag number plate</td></tr><tr><td>SO</td><td>Calibration Certificate</td></tr><tr><td>GH</td><td>Material Certificate</td></tr><tr><td>DA</td><td>Safety glass + Front flange</td></tr><tr><td>DB</td><td>Safety glass + Back flange</td></tr><tr><td>DK</td><td>Safety glass + Glycerin filled</td></tr><tr><td>DL</td><td>Safety glass + Silicone filled</td></tr><tr><td>DD</td><td>Safety glass + Blowout disk</td></tr><tr><td>DH</td><td>Front flange + U-Clamp</td></tr><tr><td>TA</td><td>Safety glass + Glycerin filled + Front flange</td></tr><tr><td>TB</td><td>Safety glass + Silicone filled + Back flange</td></tr><tr><td>TD</td><td>Safety glass + Glycerin filled + Blowout disk</td></tr><tr><td>TC</td><td>Safety glass + Silicone filled + Blowout disk</td></tr></table></div> | SE  | Glycerin filled | SD       | Silicone filled | SA     | Safety glass | SB     | Blowout disk | SJ | Maximum adjustable pointer | SH        | U-Clamp | SY | Use no oil | SL     | Oxygen Cleaning | SM | Stainless steel tag number plate | SO        | Calibration Certificate | GH | Material Certificate | DA     | Safety glass + Front flange | DB | Safety glass + Back flange | DK | Safety glass + Glycerin filled | DL | Safety glass + Silicone filled | DD     | Safety glass + Blowout disk | DH | Front flange + U-Clamp | TA | Safety glass + Glycerin filled + Front flange | TB | Safety glass + Silicone filled + Back flange | TD     | Safety glass + Glycerin filled + Blowout disk | TC | Safety glass + Silicone filled + Blowout disk |
| SE        | Glycerin filled                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SD        | Silicone filled                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SA        | Safety glass                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SB        | Blowout disk                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SJ        | Maximum adjustable pointer                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SH        | U-Clamp                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SY        | Use no oil                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SL        | Oxygen Cleaning                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SM        | Stainless steel tag number plate              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| SO        | Calibration Certificate                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| GH        | Material Certificate                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DA        | Safety glass + Front flange                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DB        | Safety glass + Back flange                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DK        | Safety glass + Glycerin filled                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DL        | Safety glass + Silicone filled                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DD        | Safety glass + Blowout disk                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| DH        | Front flange + U-Clamp                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| TA        | Safety glass + Glycerin filled + Front flange |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| TB        | Safety glass + Silicone filled + Back flange  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| TD        | Safety glass + Glycerin filled + Blowout disk |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |
| TC        | Safety glass + Silicone filled + Blowout disk |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                 |          |                 |        |              |        |              |    |                            |           |         |    |            |        |                 |    |                                  |           |                         |    |                      |        |                             |    |                            |    |                                |    |                                |        |                             |    |                        |    |                                               |    |                                              |        |                                               |    |                                               |