# FORWARD HOLDERS 

FOR FORWARD ACTING DISCS MANUFACTURED IN NORTH SHIELDS


#### Abstract

Designed and manufactured to ensure the correct and safe performance of our forward acting bursting discs manufactured in North Shields, when fitted between flanges.




Sizes
25mm-600mm

Discs
Safe-Gard
Conventional Domed Disc
Domed Composite
Flat Composite

We design our holders for raised face flanges as standard. Options such as RTJ or tongue-and-groove designs are available on request. The additional option of a PFA or Tantaline coating protects the holders in corrosive environments.

Where applicable, we pre-configure the holders to accept the industry-leading, ATEX-approved burst detection systems Flo-Tel and Flo-Tel XD. These systems afford instantaneous notification of a disc burst.

Our holders are also available in a multi-flanged design to enable you to reduce stock and improve supply chain management. For installation points with limited installation space or fixed pipework, we can supply a slimline version of the forward disc holder (minimum face to face 22 mm ).

Let us help you with all your pressure relief questions.

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## Schematic Drawing



| NOMINAL BORE (A) | FACE TO FACE (B) |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| DN (mm) | inches | mm | inches |
|  | 1 |  | 1.49 |
| 40 | 1.5 | 37.9 | 1.49 |
| 50 | 2 | 37.9 | 1.49 |
| 65 | 2.5 | 40 | 1.58 |
| 80 | 3 | 42 | 1.65 |
| 100 | 4 | 46.5 | 1.83 |
| 150 | 6 | 62 | 2.44 |
| 200 | 8 | 58 | 2.28 |
| 250 | 10 | 58 | 2.28 |
| 300 | 12 | 58 | 2.28 |
| 350 | 14 | 50 | 1.97 |
| 400 | 16 | 50 | 1.97 |
| 450 | 18 | 50 | 1.97 |
| 500 | 20 | 50 | 1.97 |
| 600 | 24 | 50 | 1.97 |


| FLANGE SPECIFICATIONS |  |
| :---: | :---: |
| EN 1092-1 | BS EN 1759-1 |
| PN DESIGNATED | ANSI DESIGNATED |
| PN 6 | ANSI 150 |
| PN 10 | ANSI 300 |
| PN 16 | ANSI 600 |
| PN 20 | ANSI 900 |
| PN 25 | ANSI 1500 |
| PN 40 | ANSI 2500 |
| PN 50 | - |
| PN 63 | - |
| PN 100 | - |

Standard height dimensions account for the disc and holder assembly only. They do not account for gasket thickness.

