

PANEL ROZRYWNY

TYP: **HI-CV**

HI-CV-S

Zastosowanie:



Charakterystyka:

Niefragmentujący panel rozrywny typu HI to wysokiej klasy płyta bezpieczeństwa zaprojektowana przez firmę Fike w celu zapewnienia najwyższej ochrony dla urządzeń przemysłowych.

➔ **HI-CV**

Ma zastosowanie w większości aplikacji przemysłowych gdzie ciśnienie robocze jest równe ciśnieniu atmosferycznemu

➔ **HI-CV-CF**

Stosuje się w aplikacjach gdzie płyta bezpieczeństwa jest narażona na duże obciążenia, jak np. ciśnienie pulsacyjne lub systemy mycia ciśnieniowego lub odkurzacze przemysłowe.

➔ **HI-CV-S**

Płyty Bezpieczeństwa typu HI-CV-S jest stosowana w aplikacjach przemysłowych w których zakres ciśnienia roboczego jest bliski ciśnieniu rozerwania, lub w aplikacjach w których może występować podciśnienie.



STANDARD WELDING NECK FLANGES DIN 2632/EN 1092-1 PN10 & 150 ANSI B16.5

| Explosion Vent | | | | | | | | | | | | |
|----------------|----|-------------------------------|---------|----------|-------------------------------|---------|-----------------------------------------|----------|---------|-----------------------------------------|----------------------|-----------------------------------------|
| DIN/EN | | Relief area in m ² | | ANSI 150 | Relief Area in m ² | | Minimum Burst Pressure in mbarg at 22°C | | | Maximum Burst Pressure in mbarg at 22°C | | Vacuum Rating in mbarg* HI-CV-S only |
| mm | " | HI-CV, HI-CV-CF | HI-CV-S | " | HI-CV, HI-CV-CF | HI-CV-S | HI-CV | HI-CV-CF | HI-CV-S | HI-CV | HI-CV-CF, HI-CV-S | |
| 150 | 6 | 0.015 | 0.012 | 6 | 0.014 | 0.011 | 210 | 415 | 415 | 1000 | 1030 | Full |
| 200 | 8 | 0.026 | 0.022 | 8 | 0.025 | 0.021 | 200 | 300 | 300 | 1000 | 1030 | Full |
| 250 | 10 | 0.044 | 0.038 | 10 | 0.042 | 0.036 | 140 | 250 | 250 | 649 | 760 | Full |
| 300 | 12 | 0.064 | 0.057 | 12 | 0.061 | 0.055 | 110 | 200 | 200 | 554 | 700 | Full |
| 350 | 14 | 0.078 | 0.071 | 14 | 0.076 | 0.069 | 100 | 180 | 180 | 499 | 700 | Full |
| 400** | 16 | 0.105 | 0.097 | 16 | 0.102 | 0.094 | 85 | 150 | 150 | 434 | 700 | Full |
| 500** | 20 | 0.171 | 0.160 | 20 | 0.167 | 0.156 | 85 | 125 | 125 | 344 | 700 | Full |
| 600** | 24 | 0.252 | 0.239 | 24 | 0.247 | 0.235 | 40 | 100 | 100 | 284 | 700 | Full |
| 700 | 28 | 0.347 | 0.331 | 28 | 0.398 | 0.381 | 35 | 100 | 100 | 244 | 700 | Full |
| 800** | 32 | 0.459 | 0.442 | 32 | 0.456 | 0.438 | 35 | 100 | 100 | 214 | 700 | 955 |
| 900 | 36 | 0.581 | 0.562 | 36 | 0.583 | 0.563 | 35 | 70 | 70 | 189 | 700 | Full |
| 1000 | 40 | 0.725 | 0.703 | 40 | 0.727 | 0.704 | 35 | 70 | 70 | 169 | 700 | 500 |
| 1100 | 44 | - | - | 44 | 0.804 | 0.781 | 35 | 70 | 70 | 159 | 700 | 400 |
| 1200 | 48 | 1.057 | 1.030 | 48 | 0.886 | 0.861 | 35 | 70 | 70 | 154 | 700 | 290 |

* Higher vacuum ratings available on request, contact factory for details.

** To accommodate cost and delivery demands of the market, a number of explosion vent sizes have been selected which are produced for stock with a nominal burst pressure of 0.1 barg ± 25 mbarg at 22°C.

LIGHTWEIGHT ANGULAR FRAMES (LAF)

| Explosion Vent | | | | | | | | | |
|----------------|----|-------------------------------|---------|-----------------------------------------|-------------------|-----------------------------------------|-------------------|-----------------------------------------|--|
| Vent Size | | Relief Area in m ² | | Minimum Burst Pressure in mbarg at 22°C | | Maximum Burst Pressure in mbarg at 22°C | | Vacuum Rating in mbarg* HI-CV-S only | |
| mm | " | HI-CV, HI-CV-CF | HI-CV-S | HI-CV | HI-CV-CF, HI-CV-S | HI-CV | HI-CV-CF, HI-CV-S | | |
| 150 | 6 | 0.015 | 0.012 | 210 | 415 | 1000 | 1030 | Full | |
| 200 | 8 | 0.027 | 0.023 | 200 | 300 | 1000 | 1030 | Full | |
| 250 | 10 | 0.044 | 0.039 | 140 | 250 | 649 | 700 | Full | |
| 300 | 12 | 0.064 | 0.057 | 110 | 200 | 554 | 700 | Full | |
| 350 | 14 | 0.079 | 0.071 | 100 | 180 | 499 | 700 | Full | |
| 400** | 16 | 0.106 | 0.097 | 85 | 150 | 434 | 700 | Full | |
| 450 | 18 | 0.133 | 0.124 | 70 | 150 | 389 | 700 | Full | |
| 500** | 20 | 0.171 | 0.160 | 50 | 120 | 344 | 700 | Full | |
| 550 | 22 | 0.226 | 0.213 | 40 | 120 | 299 | 700 | Full | |
| 600** | 24 | 0.252 | 0.239 | 40 | 100 | 284 | 700 | Full | |
| 700 | 28 | 0.349 | 0.333 | 35 | 90 | 244 | 700 | Full | |
| 750 | 30 | 0.398 | 0.381 | 35 | 90 | 229 | 700 | Full | |
| 800** | 32 | 0.462 | 0.444 | 35 | 80 | 210 | 700 | 955 | |
| 850 | 34 | 0.550 | 0.531 | 35 | 70 | 199 | 700 | Full | |
| 900 | 36 | 0.589 | 0.569 | 35 | 70 | 184 | 700 | Full | |
| 1000 | 40 | 0.734 | 0.712 | 35 | 70 | 169 | 700 | 500 | |
| 1050 | 42 | 0.805 | 0.781 | 35 | 70 | 164 | 700 | 400 | |
| 1100 | 44 | 0.886 | 0.862 | 35 | 70 | 159 | 700 | 290 | |

* Higher vacuum ratings available on request, contact factory for details.

** To accommodate cost and delivery demands of the market, a number of explosion vent sizes have been selected which are produced for stock with a nominal burst pressure of 0.1 barg ± 25 mbarg at 22°C.

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