



GE-HT

High Temperature - Explosion Vents Application: Exhaust Systems

General Description

The multilayer GE-HT high-temperature explosion vent is expertly designed to protect both personnel and equipment from explosions caused by engine “misfire” or “backfire”. Engineered with precision, the HOERBIGER vent panel ensures swift, non-fragmenting deployment along with exceptional pressure relief efficiency during such events.

Additionally, HOERBIGER’S innovative design engineering, mitigates the potential of vent panel damage or even failure, due to cycling of operating pressures and vibration.

Key Features

- Certified according international standards
- Excellent heat insulation capabilities
- High pressure relief efficiency
- Non-fragmenting opening
- Flange alignment independent
- Interchangeable with existing circular explosion vents
- Resilient to vibrations and/or pulsations

Application

Explosions can occur in the exhaust systems of combustion engines, as well as in the downstream piping system, when low flash point fuels are used.

The combination of engine misfire or backfire prevention and the use of explosion vents is a proven way to mitigate equipment damage from overpressure, and help prevent injury to personnel.

Exterior Facing View



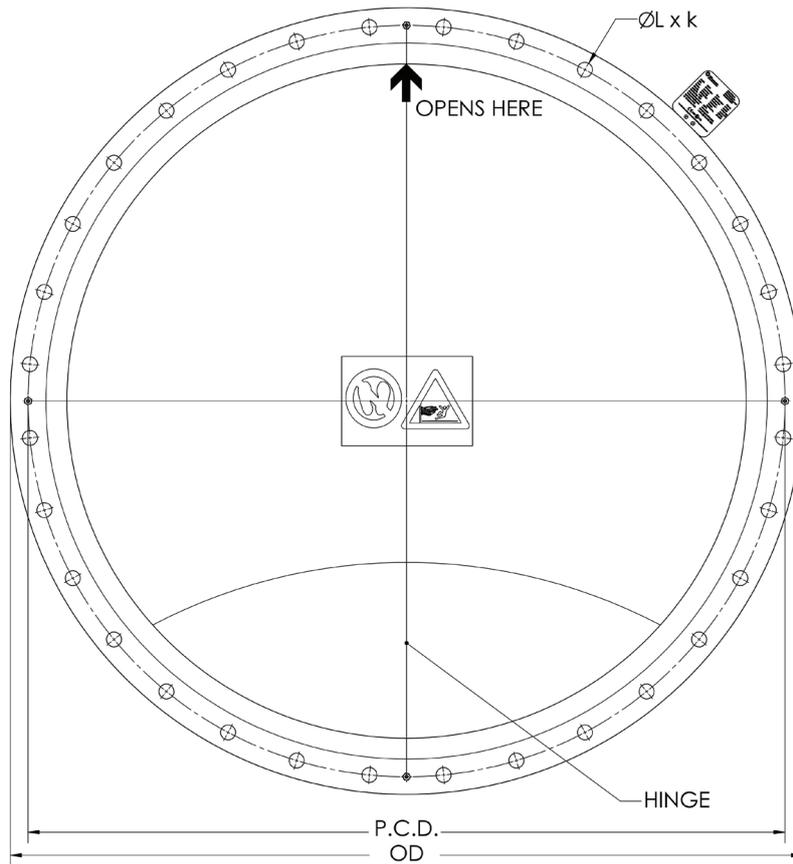
Exterior Side Facing View



Vessel Facing View



Dimensional Overview



| GE-HT | | | | | |
|-------|---------|-------------|--------|-------|------------------------------------|
| DN* | OD [mm] | P.C.D. [mm] | L [mm] | k QTY | GEOM. VENT AERA [cm ²] |
| 400 | 540 | 495 | 24 | 16 | 1320 |
| 600 | 744 | 700 | 24 | 20 | 2961 |
| 700 | 844 | 800 | 24 | 24 | 4026 |
| 800 | 952 | 900 | 24 | 24 | 5255 |
| 1000 | 1162 | 1110 | 24 | 32 | 8203 |

*Connection flange based on DIN86044, other flange standards are available on request.

Accessories

- Counter Flange - Available on request
- Installation Flange - Available on request
- Opening Detection - Available on request



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