

BICERA™ LEGACY Explosion Relief Valve



General Description

The BICERA™ Legacy Valve Series by HOERBIGER Safety Solutions offers a reliable, integrated safety solution with quick pressure relief capabilities. Designed and tested to meet IACS UR M66 standards, it features specific sealing components for enhanced durability. With serviceable parts for easy maintenance, this valve series ensures long-term performance. Available in four configurations, it is engineered to meet your specific assembly time and space requirements. Ideal for a variety of applications, the BICERA™ Legacy Valve Series combines safety, efficiency, and flexibility, providing a trusted solution for demanding environments.

Key Features

- An oil-wetted flame trap to prevent propagation of flames outside the crankcase in the event of an oil mist explosion
- Specific sealing components
- Pre-assembled O-Rings, saving you valuable time during assembly
- Increased valve clearance, ensuring the flame arrestor does not interfere with piston rods or other internal components
- A directional cover that vents down and away from personnel for added safety

Application

Explosions can occur in the crankcase of combustion engines, as well as large compressors, gearboxes and transmissions. Internal components of these devices cause the oil to form an oil mist throughout the confined spaces. In the case of gas or dual-fuel engines, gas can also escape into the crankcase or other confined spaces of these applications creating a dangerous environment for explosions. The use of relief valves is a proven way to mitigate equipment damage from overpressure and flame and prevent injury to personnel.



Bolt-on (AB)



Weld-on (AW)



Quick Detachable (QD)



Integrated Door Unit



Contact HOERBIGER for Legacy product technical data

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