

H-PRD-4P2

HIGH PERFORMANCE 2" END PLUG PRESSURE RELIEF DEVICES 2" 瓶塞式压力释放阀

Key Features

GFI's 2" end plug pressure relief devices uses a design optimized for maximum heat transfer to create a fast acting high flow PRD. Offered with a wide range of options these devices can be configured to meet the needs of all end plug applications.

- Center positioned vent port
- High flow fast acting design
- Cadmium free eutectic technology
- Nominal working pressure 35 MPa
- Working temperature -40° to +85° C
- Light weight machined aluminum body
- Suitable for use with all cylinder types

主要特性

公司GFI 2" 的瓶塞式压力释放阀系列产品设计时最大化了热量交换的速度，所以响应快、流量大。本产品接头规格很全，可以根据客户的要求进行定制。

- PRD导出口居中；
- 流量大，响应快；
- 非镉易融合金技术；
- 最大工作压力35MPa；
- 工作温度范围-40℃ to 85℃；
- 轻量化铝制机体；
- 兼容所有气瓶类型。

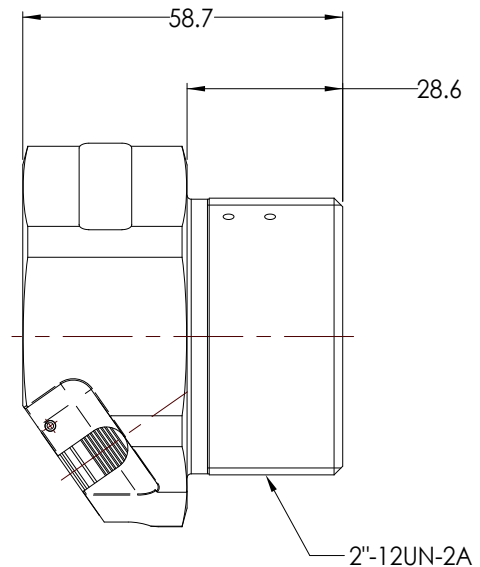
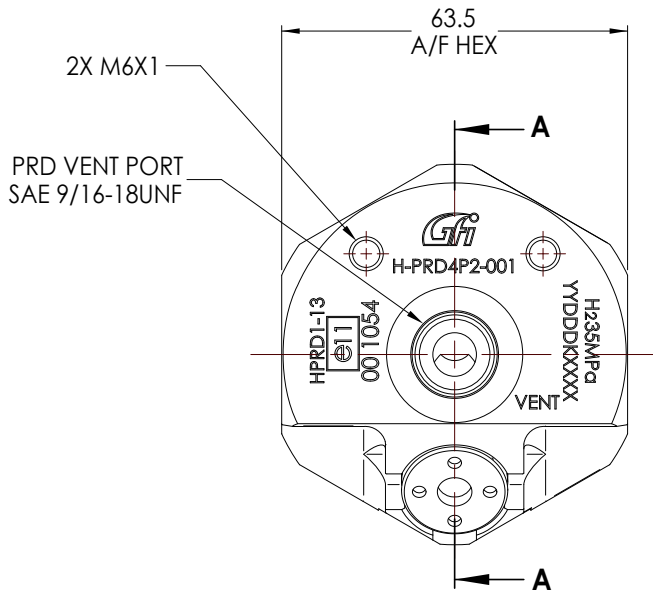


Engineered to meet International Standards and Regulations
• Certified to EC79/2009 and HPRD1.

- All designs are subjected to rigorous qualification testing
- Including long-term endurance cycling, severe vibration, and accelerated cyclic corrosion.

SPECIFICATIONS 技术参数

| H-PRD-4P2 | |
|------------------------------------|--|
| GENERAL INFORMATION 基本参数 | |
| APPLICATION 应用 | Suitable for all cylinder types 气瓶阀 Safety Device for 2" neck Type 1 / Type 2 / Type 3 / Type 4 cylinders |
| DESIGN 设计 | Thermally activated PRD |
| BODY MATERIAL 机体材料 | Extruded Aluminum, anodized |
| FUEL TYPE 燃气类型 | Hydrogen |
| NOMINAL WORKING PRESSURE 最大工作压力 | 35 MPa (5,076 psig) |
| PERFORMANCE 性能 | |
| FLOW RATE WHEN ACTIVATED (CV) 最大流量 | 0.76 |
| WORKING TEMPERATURE 工作温度 | -40°C to 85°C (-40°F to 185°F) |
| T-PRD OPERATION T-PRD激活 | 110 +/- 5°C |
| T-PRD ORIFICE T-PRD有效通经 | Up to 5.7 mm equivalent |
| BURST DISK (OPTION) 爆破片 (可选) | Available 可选 |
| CONNECTIONS 连接 | |
| CYLINDER CONNECTION 瓶口连接 | 2"-12 UN |
| VENT THREAD TYPE Vent孔连接 | 9/16" - 18 UNF |
| APPROVALS 认证 | |
| CERTIFICATIONS 认证 | EC79, HPRD1 |



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