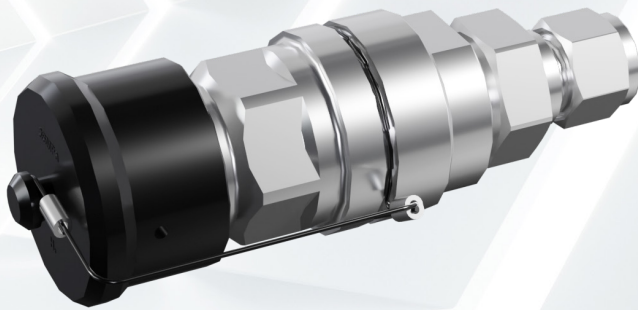


70 MPa high low receptacle



Rated working pressure

70 MPaG

Maximum working pressure

87.5 MPaG

Working temperature

-40~85 ° C

Leakage rate

≤ 0.6 Ncc/h

Filter fineness

10 μm

Weight

< 320 g

Cycle life

> 25000 cycles

Maximum flow rate

≥ 120 g/s

PRODUCT PRESENTATION

70MPa high flow receptacle, with high filtration accuracy, high flow, long life and other advantages, the comprehensive performance index far exceeds the general standards at home and abroad.

TECHNICAL HIGHLIGHTS

- High durability. The performance has no attenuation after 25,000 uses, which is twice the standard requirements.
- Low leakage rate. Less than 0.6Nml/h, which is one-tenth of the standard leakage rate, far exceeding the requirements of the industry standard.
- Wider temperature range. The performance has no attenuation in the range of -40 to 120°C, which is suitable for a wider range of customer application scenarios.
- Wider flow range. The maximum can reach up to 120g/s. The opening pressure of the check valve is less than 0.2MPa, which makes hydrogen refueling smoother and faster.

Application scenario of 70 MPa high flow receptacle

This product can be widely used in on-board hydrogen storage systems, including passenger cars, commercial vehicles, etc., and can be extended to UAVs, hydrogen fuel cell ships and other applications.



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