



SEITZ HyValve

Solenoid valve for hydrogen fuel station.

Fifty years of high-tech valve technology

Fifty years of experience in valve technology makes EUGEN SEITZ one of the leaders in the field of high pressure valve technology (250/350 bar). When performance and reliability is crucial, turn to SEITZ for high-tech valve technology and products to set you a part from your competitors. SEITZ is certified ISO 9001:2000 standard in order to guarantee top quality of its products.

Application

SEITZ HyValve is specially designed to meet the particular requirements of hydrogen applications. The pilot operated valve is installed in dispensing units as well as in compressors and storage systems of hydrogen filling stations.

Our technology

- optimized flow rate
- sturdy construction
- longer maintenance rate
- best price-performance-ratio
- reliable valve technology

Your Benefits

- faster filling
- longer operation period
- higher economic efficiency
- lower installation costs
- higher safety

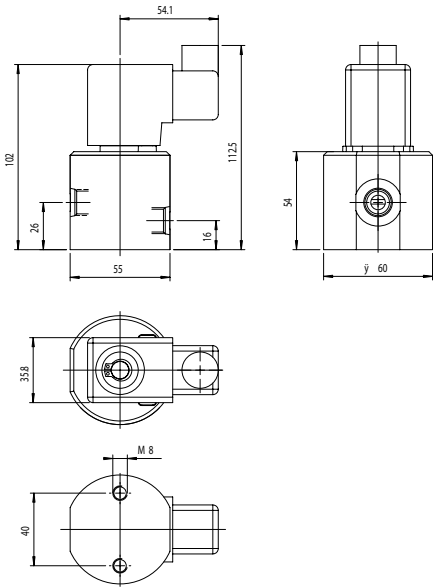


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Product Information

Seitz HyValve S3

Technical features



Function	2/2-way solenoid valve, NC
Pressure range	10 ... 350 bar (10 ... 450 bar available on request)
Test pressure	525 bar
Burst pressure	1400 bar
Port connections	SAE 6 (UNF 9/16 - 18)
Orifice size	8 mm
Flow rate	Cv = 1.2 USGPM Kv = 1.0 m ³ /h
Housing material	stainless steel
Mounting position	any
Media	Hydrogen
Ambient temperature	-20° ... +50 °C
Rated voltage	24 V DC (10W) 24 V AC (7W / 12VA) 110 V AC (7W / 12VA) 230 V AC (7W / 12VA)
EC-type-examination	PTB 05 ATEX 2050X II 2 G EEx m II T4 II 2 D IP 65 T130°C

Order Information

HyValve

Part no.	Port Connections	Orifice Size	Weight (without solenoid)
169.958.00	SAE 6 (UNF 9/16 - 18)	8 mm	1.15 kg

Solenoids

Part no.	Rated voltage	Weight
171.045.024D	24 V DC	0.5 kg
171.046.024R55	24 V AC	0.5 kg
171.046.110R55	110 V AC	0.5 kg
171.046.230R55	230 V AC	0.5 kg



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