

Compressed hydrogen gas storage vessel

Ax-430-500

All characteristics values are indicative of the goals that are currently set for the product development – deviations in the final product are possible.

Materials

| | |
|-------------------------|------------|
| Vessel type | TYPE IV |
| Boss | Aluminium |
| Connection thread | Steel |
| Liner | XPE |
| Composite reinforcement | CF + Resin |

Dimensions

| | @10 bar | @500 bar |
|---------------------|---------|----------|
| Length (incl. boss) | 2640 mm | 2662 mm |
| Diameter | 550 mm | 554 mm |
| Liner thickness | 8 mm | |
| Weight | 221 kg | |
| Volume | 443 L | |

For pricing and availability please send an inquiry to:
sales@hydroexceed.de

Certifications

Approved in the EEA according to

Directive 2010/35/EU on Transportable Pressure Equipment (TPED) and ADR (European Agreement concerning the International Carriage of Dangerous Goods by Road)

Norm

DIN EN 17339

Functional characteristics

| | @-40 °C | @+15 °C | @+65 °C |
|------------------------------|------------------------|----------|----------|
| H ₂ -capacity | 16,39 kg | 13,61 kg | 12,29 kg |
| Operational temperature | -40 to +65 °C | | |
| Permitted nr. of load cycles | NLL (Non Limited Life) | | |
| Connection thread | 1.125" UNF | | |



HydroExceed GmbH

Hans-Adam-Allee 1 | 18299 Rostock-Laage | Germany | Phone +49 (0) 381 7999020

info@hydroexceed.de | www.hydroexceed.de

Managing directors: Dr. Peter Sponholz, Peter Rößner

Tax No.: 086/110/04169 | VAT. No.: DE355797799 | District court Rostock HRB 15959

DUNS No.: 34-434-7246

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