Infrastructure & mobility

Hydrogen high-pressure Type 4 cylinders



Rev. 10/2026

HEXAGON PURUS

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Nominal working pressure (15°C)		Outside diameter	Overall length	Cylinder weight	Water volume	Hydrogen capacity	Weight ratio (hydrogen weight/ cylinder weight)	Approval
Reference	bar	mm	mm	kg	L	kg	%	
Distribution and other storage								
H2-25-503X2342	250	503	2,342	93	350	6.3	6.7	TPED
H2-25-693X2692	250	693	2,692	161	748	13.6	8.4	ABS/US DOT
H2-25-693X5690	250	693	5,690	347	1,745	31.8	9.2	ABS/US DOT
H2-30-509X2342	300	509	2,342	111	350	7.4	6.6	TPED
H2-30-660X2585	300	660	2,585	141	625	13.4	9.5	TPED
H2-30-503X2342	300	503	2,342	93	350	7.8	8.3	TPED, Rho
H2-38-509X2342	380	509	2,342	111	350	9.0	8.0	TPED, Rho
H2-38-660x2585	380	660	2,585	175	625	16.3	9.3	TPED, Rho
H2-50-520X2357	500	541	2,357	177	335	10.6	5.9	TPED, Rho
H2-63-520x2357	635	541	2,357	177	335	12.6	7.1	TPED/Rho
H2-95-515X2783	950	515	2,783	365	254	12.4	3.4	PED/US DOT
Mobility								
H2-35-430X320	350	430	3,202	101	312	7.5	7.4	EC79/HGV2
H2-35-450X2126	350	450	2,126	70	237	5.7	8.2	R-134 Rev2
H2-35-450X3225	350	450	3,225	106	376	9.0	8.5	R-134 Rev2
H2-35-450X362	350	450	3,623	120	426	10.2	8.5	R-134 Rev2
H2-35-509X2034	350	509	2,034	95	290	7.0	7.3	EC79
H2-35-509X2344	350	509	2,344	111	350	8.4	7.6	EC79
H2-70-368X878	700	368	878	37	53.4	2.1	5.8	EC79/R-134
H2-70-440X1050	700	440	1,050	59	76	3.1	5.3	R-134/HGV2
H2-70-610X2060	700	610	2,060	208	360	14.5	7.0	R-134/HGV2

This list summarizes frequently built units, other sizes may also be available. Minimum quantities may apply.
Availability might be limited. Please contact us for more information. Specifications are subject to change without notice.

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