

Hydrogen Type 4 cylinder information

Hexagon Purus



	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	94	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	112	350	7.4	6.6	TPED
H2-31-503X2342	318	503	2,342	94	350	7.8	8.3	TPED
H2-38-509X2342	381	509	2,342	112	350	9.0	8.0	TPED
H2-50-520X2357	500	520	2,357	180	333	10.6	5.9	TPED
H2-95-515X2783	950*	515	2,783	365	254	12.4	3.4	PED/US DOT
Mobility								
H2-35-430X3190	350	430	3,190	101	312	7.5	7.4	EC79/HGV2
H2-35-430X2110	350	430	2,110	67	193	4.7	7.0	EC79/HGV2
H2-35-450X3283	350	450	3,190	109	362	8.8	8.1	R134 planned
H2-35-450X2158	350	450	2,110	71	225	5.4	7.6	R134 planned
H2-35-450X3600	350	450	3,600	124	416	10.1	8.1	R134 planned
H2-35-509X2342	350	509	2,324	112	350	8.4	7.5	EC79
H2-35-509X2029	350	509	2,029	95	300	7.2	7.6	EC79 planned
H2-70-530X2154	700	530	2,154	188	244	9.8	5.2	HGV2/EC79 planned
H2-70-600X2060	700	600	2,060	191	364	14.6	7.6	R134 & HGV2 planned
H2-70-705X2078	700	705	2,078	272	457	18.4	6.8	R134 & HGV2 planned

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

* Maximum allowed pressure

Distribution and other storage:

These products are typically used in distribution applications. Other applications include stationary and maritime. Contact your Hexagon representative for more information.

Mobility:

These products are typically used in light-, medium-, heavy-duty, and off-road vehicle applications including cars, trucks, buses, trains, and maritime vessels. Contact your Hexagon representative for more information.

Notes:

- EC79, HGV2, and R134 standards apply to automotive applications.
- ABS, DOT, and TPED standards apply to distribution applications.
- PED standard applies to stationary applications.
- DOT cylinders must be installed in a DOT approved frame and with a DOT approved fire protection system.



contact@hexagonpurus.com / www.hexagonpurus.com

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H2-35-509X2342	350	509	2,324	112	350	8.4	7.5	EC79
H2-70-332X921	700	332	921	33	36	1.4	4.2	EC79
H2-70-368X878	700	368	878	37	53.4	2.1	5.8	R134/EC79
H2-70-440X1050	700	440	1,050	59	76	3.1	5.3	R134/HGV2
H2-70-530X2154	700	530	2,154	188	244	9.8	5.2	HGV2/EC79 planned
H2-70-600X2060	700	600	2,060	191	364	14.6	7.6	R134 & HGV2 planned
H2-70-705X2078	700	705	2,078	272	457	18.4	6.8	R134 & HGV2 planned

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