

## 9. 无人机氢气瓶

Composite hydrogen cylinders for drone

标准 Standard	型号 Type	容积 Capacity(L)	气瓶外径 Cylinder diameter (mm)	公称重量 Nominal Weight (kg)	公称长度 Nominal Length (mm)	工作压力 Working Pressure (Mpa)	储氢体积 Volume(M <sup>3</sup> )	储氢重量 Hydrogen storage weight(KG)	重量储氢密度 Weight of hydrogen density(%)
Q/ZCCD 107-2016	UAV CHG3-C-94-2-35T	2	102	1.2	385	35	0.568	0.051	4.0
	UAV CHG3-C-145-5-35T	5	154	1.95	388		1.42	0.128	6.0
	UAV CHG3-C-144-5-35T		152	1.85		6.5			
	UAV CHG3-C-165-9-30T	9	172	2.65	530	30	2.25	0.202	7.0
	UAV CHG3-C-165-9-35T		175	3.2	532	35	2.556	0.23	6.5
	UAV CHG3-C-164-9-35T		173	2.85					7.5
	UAV CHG3-C-165-9-50T		178	4.4					535
	UVA CHG3-C-220-20-30T	20	228	6	655	30	5.08	0.45	7
	UVA CHG3-C-220-20-35T		230	6.5	658	35	5.6	0.50	7

## 10. 铝内胆碳纤维全缠绕三型氢气瓶

Aluminum liner fully wrapped carbon-fiber composite cylinder for the on-board storage of H2 as a fuel for automotive vehicles (CNG-3)

型号 Type	容积 Capacity(L)	气瓶外径 Cylinder diameter (mm)	公称重量 Nominal Weight (kg)	公称长度 Nominal Length (mm)	工作压力 Working Pressure (Mpa)	储氢体积 Volume(M <sup>3</sup> )	储氢重量 Hydrogen storage weight(KG)	重量储氢密度 Weight of hydrogen density(%)
CHG3-C-322-55-35T.A	55	350	34	950	35	15.4	1.38	4.0
CHG3-C-322-100-35T.A	100		56	1535		28	2.52	
CHG3-C-352-60-35T.A	60	380	37	880		16.8	1.51	
CHG3-C-352-120-35T.A	120		69	1525		33.6	3.02	
CHG3-C-352-140-35T.A	140		78	1725		39.2	3.52	
CHG3-C-370-74-35T.A	74	400	43	930		20.7	1.86	
CHG3-C-370-128-35T.A	128		71	1465		35.8	3.22	
CHG3-C-370-162-35T.A	162		88	1800		45.3	4.07	
CHG3-C-406-80-35T.A	80	440	45	905		22.4	2.01	
CHG3-C-406-140-35T.A	140		78	1410		39.2	3.52	
CHG3-C-370-165-35T.A	165		89	1800		46.2	4.11	