



WINNER

► Gas Cylinder series
气瓶系列





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36	车用压缩天然气 铝内胆全缠绕复合气瓶	Q/JWN 22	Fully-wrapped composite cylinders with aluminum alloy liner for the on-board storage of compressed natural gas as a fuel for automotive vehicles
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关于我们/Aabout us

浙江威能消防器材股份有限公司坐落在美丽的杭嘉湖平原，是一家集研发、生产、销售为一体的现代化企业。产品远销至全球50多个国家和地区，深受客户青睐。

公司成立于1994年，现有员工450人，拥有各类生产、检测、试验设备仪器1000余台·套，公司专业从事消防器材与安防设备的研究、开发、制造和销售，建设有国家消防检测中心灭火试验室，是目前国内消防灭火器行业规模最大的制造企业之一。

公司拥有应急管理部颁发的消防产品CCC认证和国家市场监督管理总局颁发的B1、B3特种设备生产许可证；产品包括二氧化碳灭火器、干粉灭火器、水基型灭火器、悬挂式灭火装置、钢质无缝气瓶、铝合金无缝气瓶、车用压缩天然气钢瓶、车用压缩天然气钢质内胆环向缠绕气瓶、呼吸器用复合气瓶等。年生产能力达到350万具灭火器及150万具各类气瓶。

公司拥有雄厚的研发及创新能力，公司技术中心先后被评（获得）为“高新技术企业”、“浙江省企业研究院”、“浙江省中小企业技术中心”、“浙江省高新技术企业研究开发中心”、“浙江省守合同重信用AAA企业”、“浙江省信用管理示范企业”、“嘉兴市高新技术企业研究开发中心”、“嘉兴市技术中心”等荣誉称号，获得发明、实用新型、外观专利共计三十多项。

公司根据企业转型升级需要，制定了“十三五”企业战略规划及产品构架，并已实施推进：灭火器做大规模，成为行业领先，扩大延伸产业链，主要在研发生产新型消防装备，小型厨房灭火系统、大型固定灭火系统；成立气瓶事业部研发生产高压力、高参数特种气瓶以及大容积铝内胆碳纤维全缠绕复合气瓶；成立消防工程公司和商贸公司介入服务行业这三大领域发展。

威能消防以“为客户创造价值，从而获得自身的利益和发展”为企业宗旨，朝着成为正规化、国际化、持续化的企业而不断奋斗。

Located in the beautiful Hangzhou-Jiaxing-Huzhou plain, Zhejiang Winner Fire Fighting Equipment Co., Ltd. (herein after referred to as WINNER) is a modern enterprise integrating research and development, production and sales. Our products are exported to more than 50 countries and regions all over the world, and deeply favored by our customers.

WINNER founded in 1994, with existing staff 450 people, has more than 1,000 sets of equipments and instruments for production, inspection, and testing. As one of the largest manufacturing enterprises in the present domestic fire extinguisher industry, WINNER is engaged in research and development and sales of fire fighting equipment and security equipment. WINNER also built the Fire Fighting Laboratory of National Fire Testing Center.

Our products include CO₂ fire extinguisher, dry powder fire extinguishers, water-based fire extinguishers, ceiling extinguisher equipment, seamless steel gas cylinders, seamless aluminum alloy gas cylinders, CNG1, CNG2, composite cylinders for breathing apparatus, etc., with annual production capacity reach to 3.5 million fire extinguisher and 1.5 million gas cylinders.

According to the needs of enterprise transformation and upgrading, the company has formulated the “13th Five-Year” enterprise strategic plan and product framework, which has been implemented and promoted: fire extinguishers on a large scale to become the industry leader, expand and extend the industrial chain, mainly in the development and production of new fire equipment, small kitchen fire extinguishing system, large fixed fire extinguishing system; Gas Cylinder Business Unit was established to develop and produce special gas cylinders with high pressure, high parameter and large volume aluminum liner with carbon fiber fully wrapped composite gas cylinders; establish the fire engineering company and trading company to participate in the development of the service industry in these three areas.

With the enterprise tenet of “Create value for customers, so as to obtain our own benefits and development”, WINNER is striving to become a regular, international and sustainable enterprise.



生产/Production

威能公司拥有应急管理部颁发的消防产品CCC认证和国家市场监督管理总局颁发的B1、B3特种设备生产许可证；产品包括二氧化碳灭火器、干粉灭火器、水基型灭火器、悬挂式灭火装置、钢质无缝气瓶、铝合金无缝气瓶、车用压缩天然气钢瓶、车用压缩天然气钢质内胆环向缠绕气瓶、呼吸器用复合气瓶等。年生产能力达到350万具灭火器及150万具各类气瓶。

WINNER has the CCC certification for fire products issued by the Ministry of Emergency Management and Production License of Special Equipment issued by State Administration for market Regulation. Our products include CO₂ fire extinguisher, dry powder fire extinguishers, water-based fire extinguishers, ceiling extinguisher equipment, seamless steel gas cylinders, seamless aluminum alloy gas cylinders, CNG1, CNG2, composite cylinders for breathing apparatus, etc., with annual production capacity reach to 3.5 million fire extinguisher and 1.5 million gas cylinders.



检测能力 / Testing Ability

威能公司拥有各类生产、检测、试验设备仪器1000余台·套，公司专业从事消防器材与安防设备的研究、开发、制造和销售，建设有国家消防检测中心灭火试验室，是目前国内消防灭火器行业规模最大的制造企业之一。

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荣誉认证 / Honors & Certifications

威能公司一直坚持“质量第一”的价值观，拥有完善的品质管理体系，通过了ISO9001:2015质量管理体系认证、IATF16949:2016质量管理体系认证、ISO14001:2015环境管理体系认证和GB/T 29490-2013知识产权管理体系。

公司产品分别获得美国DOT、美国UL、加拿大TC、英国BS EN3、欧盟PED、TPED、澳大利亚global-mark、韩国KGS、韩国KR、挪威DNV、中国CCS、中国CCC，是国内获得产品认证证书最多的生产企业之一。

WINNER has strong ability of research and development and innovation, our technology center has earned (got) as the "High-tech Enterprise", "Enterprise Institute of Zhejiang Province", "Zhejiang Province Small and Medium-sized Enterprise Technology Center", "Zhejiang Province High-tech Enterprise Research and Development Center", "Zhejiang Observing Contract and Credit AAA Enterprise", "Credit Management Model Enterprise in Zhejiang Province", "Company of New and High Technology Research and Development Center of Jiaxing City", "Jiaxing City Technology Center" and other honorary titles, with more than 30 patents of inventions, utility models, design.

WINNER has been adhering to the value of "quality first" and has a complete quality management system. We have passed ISO9001:2015 quality management system certification, IATF16949:2016 quality management system certification, ISO14001:2015 environmental management system certification and GB/T 29490-2013 intellectual property management system certification. Our products have certified by DOT, UL, TC, BS EN3, PED, TPED, Global-Mark, KGS, KR, DNV, CCS and CCC. We are one of the manufacturers with the most product certifications in China.





型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-83-(0.6~2.9)-15T	83	15	22.5	34CrMo4	凹底 Concave	1.7	0.6	205	1.3	型式认可 Type Approval
							1.0	290	1.8	
							1.3	350	2.1	
							1.5	395	2.4	
							1.8	460	2.7	
							2.0	505	2.9	
							2.1	525	3.0	
							2.9	690	3.9	
WGII-104-(1.8~4.8)-17A	104	17	25.5	34CrMo4	凹底 Concave	2.3	1.8	315	3.0	型式认可 Type Approval
							3.0	475	4.0	
							4.8	712	5.5	
WGII-108-(1.8~5.1)-21T	108	21	31.5	34CrMo4	凸底 Convex	3.0	1.8	305	3.4	型式认可 CCS Type Approval & CCS
							2.0	330	3.7	
							3.0	460	5.0	
							3.2	485	5.2	
							5.0	715	7.6	
WGII-116.5-(2.3~7.1)-17A	116.5	17	25.5	34CrMo4	凹底 Concave	2.6	2.3	315	3.7	型式认可 Type Approval
							3.0	385	4.2	
							4.5	540	5.5	
							7.1	810	7.8	
WGII-137-(3.5~11.8)-17A	137	17	25.5	34CrMo4	凹底 Concave	2.8	3.5	350	5.2	型式认可 Type Approval
							4.5	425	6.1	
							7.5	650	8.6	
							11.8	975	12.2	
WGII-139.7-(3.5~9.6)-21T	139.7	21	31.5	34CrMo4	凸底 Convex	3.8	3.5	350	5.8	型式认可 CCS Type Approval & CCS
							4.0	390	6.4	
							5.0	465	7.5	
							6.0	540	8.6	
							7.0	615	9.8	
							7.5	650	10.3	
							9.0	765	12.0	
WGII-139.7-(3.4~9.6)-30T	139.7	30	45	34CrMo4	凸底 Convex	5.0	3.4	350	6.4	型式认可 CCS Type Approval & CCS
							4.0	395	7.2	
							5.0	470	8.4	
							6.0	550	9.7	
							7.0	625	11.0	
							9.6	825	14.3	
WGII-156-(5.4~12)-17A	156	17	25.5	34CrMo4	凹底 Concave	3.3	5.4	400	6.8	型式认可 Type Approval
							10.5	700	11.3	
							12.0	790	12.6	
							5.0	370	8.7	
WMII-159-(5~12)-15A	159	15	22.5	37Mn	凹底 Concave	4.0	8.0	545	12.0	型式认可 Type Approval
							10.0	655	14.1	
							12.0	775	16.4	



型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-159-(5~12)-20T	159	20	30	34CrMo4	凸底 Convex	4.1	5.0	395	8.6	型式认可 Type Approval
							6.0	450	9.6	
							7.0	510	10.8	
							8.0	570	12.0	
							9.0	625	13.0	
							10.0	685	14.2	
							11.0	740	15.2	
							12.0	800	16.4	
WGII-159-(5~12)-21T	159	21	31.5	34CrMo4	凸底 Convex	4.4	5.0	395	8.5	型式认可 CCS Type Approval & CCS
							8.0	565	11.6	
							10.0	680	13.8	
							12.0	795	16.0	
WMII-219-(12.1~61.7)-15A	219	15	22.5	37Mn	凹底 Concave	5.4	12.1	465	20.8	型式认可 Type Approval
							40.0	1300	48.0	
							61.7	1950	69.1	
WZII-267-(32.5~106.1)-16.3A	267	16.3	24.5	37Mn	凹底 Concave	6.3	68	1500	74.5	CCS
WZII-279-(13.8~124)-16.3A	279	16.3	24.5	37Mn	凹底 Concave	6.3	80	1615	83	CCS
WGII-356-(70,90,120)-8A	356	8	12	30CrMo	凹底 Concave	4.3	70	885	50	型式认可 Type Approval
							90	1100	60	
							120	1420	75	

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-138-(4.32~11.82)-17.4A	138	174	250	34CrMo4	凹底 Concave	3.0	4.5	440	6.1	PED
							5	460	6.3	
							6	550	7.5	
							7	625	8.5	
							7.5	655	8.8	
							9	770	9.4	
							10	845	10.4	
WGII-138-(4.32~11.82)-17.4T	138	174	250	34CrMo4	凸底 Convex	3.0	4.5	440	6.1	PED
							5	460	6.3	
							6	550	7.5	
							7	625	8.5	
							7.5	655	8.8	
							9	770	9.4	
							10	845	10.4	

ISO 9809-1

钢质无缝气瓶 Seamless Steel Gas Cylinders



84/525/FFC

钢质无缝气瓶 Seamless Steel Gas Cylinders



型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate				
WGII-104.6-(1.7~4.81)-17.4T	104.6	174	250	34CrMo4	凸底 Convex	2.3	3	470	3.63	PED				
WGII-105-(1.7~4.81)-16.6(17.4)A	105	166 (TPED)	250	34CrMo4	凹底 Concave	2.3	1.7	320	3.2	PED TPED				
							2	355	3.5					
		174 (PED)					2.7	445	4.1					
							3	475	4.3					
							3.5	540	4.8					
WGII-105-(1.7~4.81)-17.4T	105	174	250	34CrMo4	凸底 Convex	2.3	1.7	320	3.2	PED				
							2	355	3.5					
							2.7	445	4.1					
							3	475	4.3					
							3.5	540	4.8					
WGII-116-(2.64~4.84)-17.4A	116	174	250	34CrMo4	凹底 Concave	2.59	3	385	4.3	PED				

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-108-(1.8~5.1)-21T	104	210	315	34CrMo4	凸底 Convex	2.7	1.8	305	3.4	TPED UN
							2.0	330	3.7	
							3.0	460	5.0	
							3.2	485	5.2	
							5.0	715	7.6	
WGII-139.7-(3.5~9.6)-21T	139.7	210	315	34CrMo4	凸底 Convex	3.5	3.5	350	5.8	TPED UN
							4.0	390	6.4	
							5.0	465	7.5	
							6.0	540	8.6	
							7.0	615	9.8	
							7.5	650	10.3	
							9.0	765	12.0	
							9.6	810	12.7	
							3.4	350	6.4	
WGII-139.7-(3.4~9.6)-30T	139.7	300	450	34CrMo4	凸底 Convex	4.5	4.0	395	7.2	TPED UN
							5.0	470	8.4	
							6.0	550	9.7	
							7.0	625	11.0	
							9.6	825	14.3	

ISO 9809-1

钢质无缝气瓶
Seamless Steel Gas Cylinders

EN ISO 9809-1

钢质无缝气瓶
Seamless Steel Gas Cylinders

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-159-(5~23.5)-21T	159	210	315	34CrMo4	凸底 Convex	4.0	5.0	395	8.5	TPED UN
							8.0	565	11.6	
							10.0	680	13.8	
							12.0	795	16.0	
WGII-178-(7~22.4)-21A	178	210	315	34CrMo4	凹底 Concave	4.1	7.0	420	11.5	TPED UN
							7.5	445	12.1	
							8.0	465	12.5	
							9.0	500	13.3	
							10.0	550	14.3	
							11.0	598	15.4	
							12.0	640	16.3	
							13.4	710	17.8	
							14.0	730	18.3	
							15.0	780	19.4	
WGII-178-(7~25)-21T	178	210	315	34CrMo4	凸底 Convex	4.1	11.0	598	15.4	TPED UN
							12.0	640	16.3	
							13.4	710	17.8	
							14.0	730	18.3	
							15.0	780	19.4	
WGII-178-(7.5~17.2)-13.9A	178	139	209	30CrMo	凹底 Concave	3.6	7.5	445	11.0	DOT UN
							10.8	590	13.6	
							17.2	885	19.2	
WGII-232-(17~62)-16.6A	232	166	250	30CrMo	凹底 Concave	5.3	17.0	580	24.0	DOT UN
							40.0	1185	44.5	
							62.0	1777	65.0	
WZII-232-(17~62)-16.6A	232	166	250	37Mn	凹底 Concave	5.3	17.0	580	24.0	DOT UN
							40.0	1185	44.5	
							62.0	1777	65.0	
WZII-267-(33~105)-15.9A	267	159	238	37Mn	凹底 Concave	5.8	33.5	800	44.0	DOT UN
							68.0	1490	74.5	
							105.0	2235	107.0	
							40.0	945	48.5	
							68.0	1500	74.5	
WZII-267-(32.5~106.1)-16.6A	267	166	250	37Mn	凹底 Concave	6.3	75.0	1640	79.0	DNV
							80.0	1740	85.6	
							82.5	1790	88.0	

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-83-(0.65~1.7)-20T	83	200	300	34CrMo4	凸底 Convex	2	0.8	230	1.36	TPED KGS
							1	275	1.6	
WGII-101.6-(1~1.7)-17.4T	101.6	174	250	34CrMo4	凸底 Convex	1.94	1.1	220	1.9	PED KGS
WGII-101.6-(1.6~4.9)-17.4A							3	475	4.3	
WGII-103-(1.7~4.7)-16.6A WGII-103-(1.7~4.7)-17.4A	103	174 (PED)	250	34CrMo4	凹底 Concave	1.97	1.7	320	3.1	PED TPED KGS
WGII-103-(1.7~4.7)-16.6T WGII-103-(1.7~4.7)-17.4T							2	350	3.3	
WGII-103.5-(1.87~4.5)-21A WGII-103.5-(1.87~4.5)-21.6A	103.5	216 (PED)	315	34CrMo4	凸底 Convex	2.43	2.3	395	3.6	
WGII-103.5-(1.87~4.5)-21.6T							2.5	415	3.7	
WGII-103.5-(1.87~4.5)-21A WGII-103.5-(1.87~4.5)-21.6A	103.5	216 (PED)	315	34CrMo4	凹底 Concave	2.43	2.7	440	3.9	
WGII-103.5-(1.87~4.5)-21.6T							3	480	4.1	
WGII-103.5-(1.87~4.5)-21A WGII-103.5-(1.87~4.5)-21.6A	103.5	216 (PED)	315	34CrMo4	凸底 Convex	2.43	3.5	540	4.5	
WGII-103.5-(1.87~4.5)-21.6T							3.8	580	4.8	
WGII-105-(1.7~4.8)-16.6T	105	166	250	34CrMo4	凸底 Convex	2.3	2	350	3.5	TPED
WGII-105-(1.7~4.5)-21.6A	105	216	315	34CrMo4	凹底 Concave	2.51	3	475	4.3	PED</

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-105-(1.87~4.55)-21.6T	105	216	315	34CrMo4	凸底 Convex	2.51	2.5	410	3.9	PED
							2.67	440	4.1	
							3	475	4.4	
WGII-116-(2.4~4.8)-20A	116	200	300	34CrMo4	凹底 Concave	2.59	2.5	335	4.2	TPED
							2.7	355	4.4	
							3	385	4.6	
WGII-135.6-(3.7~10.68)-16.6A WGII-135.6-(3.7~10.68)-17.4A	135.6	166 (TPED) 174 (PED)	250	34CrMo4	凹底 Concave	2.59	4.5	430	5.8	PED TPED
							5	465	6.0	
							5.3	485	6.2	
							7	625	7.6	
							7.5	650	7.8	
							8	690	8.2	
							8.4	730	8.6	
							9	765	8.9	
							4.5	430	5.8	
WGII-135.6-(3.7~10.68)-16.6T WGII-135.6-(3.7~10.68)-17.4T	135.6	166 (TPED) 174 (PED)	250	34CrMo4	凸底 Convex	2.59	5	475	6.0	PED TPED
							5.3	495	6.2	
							7	635	7.6	
							7.5	660	7.8	
							8	700	8.2	
							8.4	740	8.6	
							9	775	8.9	
							4.7	440	5.9	
							5	460	6.8	
WGII-136.5-(4.47~11)-21A WGII-136.5-(4.47~11)-21.6A	136.5	210 (TPED) 216 (PED)	315	34CrMo4	凹底 Concave	3.21	5.4	485	7.1	PED TPED
							6.67	600	8.5	
							7.5	660	9.2	
							8	700	9.6	
							10	845	11.5	
							4.7	440	5.9	
							5	460	6.8	
WGII-136.5-(4.47~11)-21T WGII-136.5-(4.47~11)-21.6T	136.5	210 (TPED) 216 (PED)	315	34CrMo4	凸底 Convex	3.21	5.4	485	7.1	PED TPED
							6.67	600	8.5	
							7.5	660	9.2	
							8	700	9.6	
							10	845	11.5	
WGII-137-(3.5~4.2)-21.6A	137	216	315	34CrMo4	凹底 Concave	3.3	3.7	370	5.9	PED KGS
WGII-138-(3.5~12)-17.4A	138	174	250	34CrMo4	凹底 Concave	2.7	4.5	440	6.1	PED
							5	460	6.3	
							6	550	7.5	
							7	625	8.5	
							7.5	655	8.8	
							9	770	9.4	
							10	845	10.4	

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-138-(4.3~12)-16.6A	138	174	250	34CrMo4	凹底 Concave	2.7	4.5	440	6.1	TPED
							5	460	6.3	
							6	550	7.5	
							7	625	8.5	
							7.5	655	8.8	
							9	770	9.4	
							10	845	10.4	
							4.5	440	6.1	
WGII-138-(4.2~11.9)-16.6T	138	166	250	34CrMo4	凸底 Convex	2.7	5	460	6.3	TPED
							6	550	7.5	
							7	625	8.5	
							7.5	655	8.8	
							9	770	9.4	
							10	845	10.4	
							5	460	6.8	PED
							5.4	485	7.1	
WGII-138-(4.47~11)-21.6A	138	216	315	34CrMo4	凹底 Concave	3.3	6.67	600	8.5	
							7	625	8.9	
							8	695	9.6	
							10	845	11.5	
							5	460	6.8	PED KGS
							5.4	485	7.1	
WGII-138-(4.47~11)-21.6T	138	216	315	34CrMo4	凸底 Convex	3.3	6.67	600	8.5	
							7	625	8.9	
							8	695	9.6	
							10	845	11.5	
							5	470	8.6	PED
							6	545	9.9	
WZII-139.7-(4.3~11.9)-17.4A	139.7	174	250	ST52	凹底 Concave	4.2	7	620	11.3	
							7.5	660	12.6	
							8	720	14	
							15	1270	23	TPED
							15	1270	23	
WGII-139.7-(4~10)-31.4T	139.7	314	450	34CrMo4	凸底 Convex	4.4	5	490	8.5	PED KGS
							6	560	9.7	
							7	640	11	
							8	720	12.2	
							9	800	13.5	
							10	880	14.8	
WGII-140-(4.34~14)-21T	140	210	315	34CrMo4	凸底 Convex	3.4	8	710	10.8	TPED
							9	780	11.6	
							10	855	12.6	
							13.4	1100	14.6	
							14	1140	15.1	
WGII-156-(6.2~15.2)-17.4A	156	174	250	34CrMo4	凹底 Concave	3.0	6.8	505	8.6	PED
							7.5	540	9.1	

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-156-(6.2~15.2)-17.4A	156	174	250	34CrMo4	凹底 Concave	3.0	8	570	9.8	PED
							9	630	10.6	
							10	685	11.5	
							10.5	700	11.9	
							11	740	12.3	
							13.5	890	14.4	
							15	980	15.7	
							6.8	505	8.6	
WGII-156-(6.2~15.2)-17.4T	156	174	250	34CrMo4	凸底 Convex	3.0	7.5	540	9.2	PED
							8	570	9.8	
							9	630	10.6	
							10	685	11.5	
							10.5	700	11.9	
							11	740	12.3	
							13.5	890	14.4	
							15	980	15.7	
							6.8	505	8.6	
WGII-156-(6.5~15)-16.6A	156	166	250	34CrMo4	凹底 Concave	3.0	7.5	540	9.2	TPED
							8	570	9.8	
							9	630	10.6	
							10	685	11.5	
							10.5	700	11.9	
							11	740	12.3	
							13.5	890	14.4	
							15	980	15.7	
							6.8	505	8.6	
WGII-156-(6.2~15.2)-16.6T	156	166	250	34CrMo4	凸底 Convex	3.0	7.5	540	9.2	TPED
							8	570	9.8	
							9	630	10.6	
							10	685	11.5	
							10.5	700	11.9	
							11	740	12.3	
							13.5	890	14.4	
							15	980	15.7	
							6.8	505	8.6	
WGII-156-(6.27~16)-20A	156	200	300	34CrMo4	凹底 Concave	3.45	10	685	11.5	TPED
WGII-165-(6~18.5)-16.6A	165	166	250	34CrMo4	凹底 Concave	3.2	6.8	450	11	TPED
							7.5	485	11.7	
							8	515	12.3	
							9	570	13.4	
							10	630	14.7	
							10.2	635	14.8	
							11	680	15.7	
							12	735	16.8	
							13.4	810	18.4	
							15	900	20.2	

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-165-(7.7~20.5)-20T	165	200	300	34CrMo4	凸底 Convex	3.8	13.4	810	17.1	TPED
							14	845	17.8	
							15	900	19	
							16	950	20	
							20	1170	24.5	
WGII-178-(6~19)-20.9A	178	209	300	34CrMo4	凹底 Concave	3.9	7	420	11.5	PED
							7.5	445	12.1	
							8	465	12.5	
							9	500	13.3	
							10	550	14.3	
							11	598	15.4	
							12	640	16.3	
							13.4	710	17.8	
							14	730	18.3	
							15	780	19.4	
WGII-178-(1.5~10)-20A	178	200	300	34CrMo4	凹底 Concave	4.1	7	420	11.5	TPED
							7.5	445	12.1	
							8	465	12.5	
							9	500	13.3	
							10	550	14.3	
WGII-178-(10~22.4)-20A	178	200	300	34CrMo4	凹底 Concave	4.1	11	598	15.4	TPED
							12	640	16.3	
							13.4	710	17.8	
							14	730	18.3	
							15	780	19.4	
WGII-200-(9.5~31.5)-20A	200	200	300	34CrMo4	凹底 Concave	4.47	10.7	490	15.8	TPED
							13.4	580	17.9	
							14	610	18.6	
							15	635	19.1	
							16	685	20.3	
							20	820	23.4	
							27	1095	29	
							30	1200	31.5	
WGII-203-(13~26.8)-16.6A	203	166	250	34CrMo4	凹底 Concave	3.63	13.4	570	19	TPED
							15	615	20.5	
WGII-229-(14.5~77.5)-20A	229	200	300	34CrMo4	凹底 Concave	5.2	33.5	1060	41	TPED
							40	1230	45	
							43	1300	49	
							45	1365	51	
							50	1500	55	
WGII-232-(15~22.5)-16A	232	166	250	34CrMo4	凹底 Concave	4.47	18	580	25	TPED
WZII-232-(10~73)-16.6A	232	166	250	37Mn	凹底 Concave	5.3	26	810	32	TPED KGS
							40	1185	45	
							47	1400	52	



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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WZII-267-(32.5~106.1)-16.6A	267	166	250	37Mn	凹底 Concave	6.3	32.5	801	41.5	TPED KGS
							40	945	48.5	
							68	1500	74.5	
							75	1640	79	
							82.5	1790	88	
WGII-279-(36.5~106.5)-16.6A	279	166	250	37Mn	凹底 Concave	6.3	82.5	1625	88	TPED KGS
							87	1705	91	
WGII-279-(37~124)-20A	279	200	300	34CrMo4	凹底 Concave	6.3	68	1395	77	TPED
							80	1615	86.5	
WGII-279-(13~94.7)-30A	279	300	451	34CrMo4	凹底 Concave	8.5	84	1720	117	TPED KGS
							87	1780	122	
WGII-356-(56~161)-16.6A	356	166	250	34CrMo4	凹底 Concave	6.5	120	1450	117	TPED KGS
							140	1690	137	

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-229-(11~70)-20A	229	200	300	34CrMo4	凹底 Concave	4.3	15	520	20	TPED
							16	540	20.5	
							18	590	21.5	
							20	645	23	
							40	1180	37.5	
							50	1450	44.5	
WGII-229-(11~70)-30A	229	300	451	34CrMo4	凹底 Concave	6.4	30	950	43	TPED
							50	1510	64	
WGII-267-(21~123)-20A	267	200	300	34CrMo4	凹底 Concave	5.65	80	1710	79	TPED
WGII-356-(31~156)-20A	356	200	300	34CrMo4	凹底 Concave	7.4	80	1025	89	TPED
							140	1690	137	
WGII-356-(28~158)-30A	356	300	451	34CrMo4	凹底 Concave	9.7	80	1090	119	TPED
							140	1770	184	

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WMII-108-(2.5~16.6)A	108	166	250	37Mn	凹底 Concave	2.8	2	320	3.6	N/A
							3	450	5.3	
							3.5	515	5.6	
							5	708	7.5	
							5	465	7.9	
WMII-140-(4.6~11.8)-16.6A	140	166	250	37Mn	凹底 Concave	3.6	6	540	9	型式批准 Type Approval
							6.7	580	9.6	
							10	835	13.4	
							15	1270	23	
WMII-140-(4~23)-16.6T	140	166	250	37Mn	凸底 Convex	5	15	662	14.1	N/A
							13.4	865	17.4	
							15	970	20	
							16	1030	21	
WMII-219-(13.4~50)-16.6A	219	166	250	37Mn	凹底 Concave	5.6	13.4	510	22	N/A
							48	1550	56	
							50	1610	58	
WMII-219-(25~62.5)-15A	219	150	225	37Mn	凹底 Concave	5	33.5	1140	42	型式批准 Type Approval
							40	1300	48	
WMII-232-(30.5~73.5)-16.6A	232	166	250	37Mn	凹底 Concave					

DOT-3AA

钢质无缝气瓶
Seamless Steel Gas Cylinders

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar/psi)	试验压力 Test Pressure (bar/psi)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (in/mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WGII-232-(28~52)-16.6A	232	166/2400	276/4000	30CrMo	凹底 Concave	0.223/5.7	28	865	33	DOT
							40	1185	44.5	
							52	1505	55.6	
WMII-232-(28~52)-16.6A	232	166/2400	276/4000	37Mn	凹底 Concave	0.223/5.7	28	865	33	DOT
							40	1185	44.5	
							52	1505	55.6	
WZII-267-(47.7~88.3)-15A	267	150/2175	250/3625	37Mn	凹底 Concave	0.233/6.0	47.7	1085	56.5	DOT
							68	1495	74.5	
							88.3	1895	92.5	
WZII-267-(47.7~88.3)-15.9A	267	159/2300	265/3834	37Mn	凹底 Concave	0.246/6.3	47.7	1085	56.5	DOT
							68	1490	74.5	
							88.3	1895	92.5	
WZII-273-(57.8~107.2)-15A	273	150/2175	250/3625	37Mn	凹底 Concave	0.238/6.1	57.8	1230	70.5	DOT
							82.5	1700	93.5	
							107.2	2170	116.5	

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WMII-35-(0.070~0.300)-19.3T	35	193	290	St52	凸底 Convex	1.7	0.200	305	0.51	TPED
							0.240	365	0.59	
							0.267	405	0.67	
							0.280	415	0.68	
							0.300	458	0.73	
WMII-40-(0.104~0.300)-19.3T	40	193	290	St52	凸底 Convex	1.95	0.160	205	0.36	TPED
							0.200	243	0.44	
							0.227	270	0.48	
							0.240	280	0.50	
							0.254	320	0.58	
BWII-232-(20~62)-6.6A	232	66	100	S31603	凹底 Concave	6.1	40	1210	55	UN TPED KR

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型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
WMII-28-(0.035~0.250)-19.3T	28	193	290	St52	凸底 Convex	1.5	0.040	135	0.19	TPED
							0.047	150	0.20	
							0.054	165	0.22	
							0.067	195	0.25	
							0.074	208	0.26	
							0.080	223	0.28	
							0.100	267	0.33	
							0.114	300	0.37	
							0.120	315	0.38	
							0.148	370	0.45	
WMII-35-(0.070~0.300)-19.3T	35	193	290	St52	凸底 Convex	1.7	0.074	145	0.23	TPED
							0.080	148	0.24	
							0.100	175	0.29	
							0.107	182	0.30	
							0.120	200	0.33	
							0.134	218	0.36	
							0.147	240	0.39	
							0.154	245	0.40	
							0.160	255	0.41	
							0.174	275	0.44	
							0.180	285	0.46	

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不锈钢无缝气瓶

▶ 铝合金无缝气瓶

Seamless Aluminum Alloy Gas Cylinders

GB/T 11640

铝合金无缝气瓶

Seamless Aluminum Alloy Gas Cylinders



铝合金无缝气瓶

Aluminum Alloy
Gas Cylinders

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness(mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.06~0.96)-16.6-H	60	16.6	25	AA6061	H形	3.4	0.6	329	0.60	型式认可 Type Approval
LW-60-(0.2~0.65)-20-H	60	20	30	AA6061	H形	4	0.3	200	0.44	
							0.35	225	0.49	
							0.4	250	0.55	
							0.45	275	0.61	
							0.5	300	0.66	
							0.45	295	0.86	
LW-108-(1~3.3)-15-H	108	15	22.5	AA6061	H形	5.5	2	355	2.13	型式认可 Type Approval
							2.6	440	2.62	
							3	495	2.91	
							3	485	3.67	
LW-111-(1~4.84)-17-H	111	17	25.5	AA6061	H形	6.3	4	413	4.50	型式认可 Type Approval
							5	495	5.20	
							6.3	600	6.10	
							7	660	6.60	
							8	740	7.30	
							7	545	7.80	
							8	610	8.50	
							9	670	9.20	
LW-140-(2~11)-15-H	140	15	22.5	AA6061	H形	7.1	7.5	585	8.81	型式认可 Type Approval
							4	300	5.30	
							6	400	6.80	
							8	495	8.10	
							10	595	9.60	
							11	645	10.3	
							12	695	11.0	
							7	400	9.40	
							8	435	10.0	
							9	475	10.7	
LW-159-(3~19)-15-H	159	17	25.5	AA6061	H形	9.1	10	515	11.4	型式认可 Type Approval
							11	595	12.8	
							12	595	12.8	
							7	400	9.40	
LW-180-(2~12)-15-H	180	15	22.5	AA6061	H形	9.1	8	495	8.10	型式认可 Type Approval
							10	595	9.60	
							11	645	10.3	
							12	695	11.0	
LW-203-(3~19)-15-H	203	15	22.5	AA6061	H形	10.3	7	400	9.40	型式认可 Type Approval
							8	435	10.0	
							9	475	10.7	
							10	515	11.4	
							12	595	12.8	型式认可 Type Approval
							7	400	9.40	



VINNER

DOT-3AL

铝合金无缝气瓶 Seamless Aluminum Alloy Gas Cylinders



TC-3ALM

铝合金无缝气瓶 Seamless Aluminum Alloy Gas Cylinder



型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa/psi)	试验压力 Test Pressure (MPa/psi)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (in/mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.43~0.77)-16.6-H	60	14.7/2132	25/3625	AA6061	H形	0.116/2.95	0.43	252	0.47	
							0.6	330	0.62	
LW-60-(0.36~0.66)-20.7-H	60	20.7/3000	34.5/5000	AA6061	H形	0.161/4.1	0.51	300	0.67	
LW-60-(0.25~0.45)-30-H	60	30/4352	50/7254	AA6061	H形	0.235/5.97	0.31	232	0.70	
							0.35	246	0.75	
LW-73-(0.6~1.1)-12.4-H	73	12.4/1800	20.7/3000	AA6061	H形	0.118/3	0.75	270	0.74	
LW-81-(0.3~0.55)-12.4-H	81	12.4/1800	20.7/3000	AA6061	H形	0.131/3.33	0.43	150	0.80	
LW-81-(0.6~1.1)-12.4-H	81	12.4/1800	20.7/3000	AA6061	H形	0.131/3.33	0.68	210	0.74	
							0.85	250	0.85	
							1	285	0.95	
LW-81-(0.7~1.3)-15.3-H	81	15.3/2216	25.5/3694	AA6061	H形	0.162/4.12	1	300	0.99	
LW-91-(0.55~1.02)-20.7-H	91	20.7/3000	34.5/5000	AA6061	H形	0.247/6.27	0.787	230	1.28	
LW-111-(1.18~2.18)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	1.68	280	1.75	
							1.8	305	1.83	
LW-111-(3.19~5.19)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	2.2	360	2.10	
							2.3	370	2.17	
							2.75	423	2.50	
							3	455	2.67	
LW-111-(1.18~2.18)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	4	583	3.35	
							4.55	651	3.70	
LW-111-(1.18~2.18)-15.3-H	111	15.3/2216	25.5/3694	AA6061	H形	0.219/5.57	1.4	245	1.70	
LW-111-(2.8~5.2)-20.7-H	111	20.7/3000	34.5/5000	AA6061	H形	0.3/7.63	4	639.7	4.84	
LW-133-(2.35~4.35)-12.4-H	133	12.4/1800	20.7/3000	AA6061	H形	0.215/5.46	3.35	368.3	3.30	
							3.5	385	3.39	
LW-133-(2.45~4.55)-13.9-H	133	13.9/2015	23.2/3364	AA6061	H形	0.242/6.15	3.5	387.4	3.44	
LW-133-(2.74~5.06)-15.3-H	133	15.3/2216	25.5/3694	AA6061	H形	0.263/6.69	3.9	436	4.16	
							4.6	500	4.67	
LW-175-(4.69~8.71)-12.4-H	175	12.4/1800	20.7/3000	AA6061	H形	0.284/7.2	6.7	430	6.00	
							6.8	435	6.10	
LW-175-(7.03~13.03)-12.4-H	175	12.4/1800	20.7/3000	AA6061	H形	0.284/7.2	10	600	7.90	
							10.5	620	8.17	
LW-175-5.9(4.13~7.67)-15.3-H	175	15.3/2216	25.5/3694	AA6061	H形	0.351/8.91	5.9	406.4	6.60	
LW-175-(7.01~12.99)-15.3-H	175	15.3/2216	25.5/3694	AA6061	H形	0.351/8.91	10	625	9.64	
LW-180-(7.1~12.9)-15.3-H	180	15.3/2216	25.5/3694	AA6061	H形	0.355/9.1	8	495	8.10	
							10	595	9.60	
							11	645	10.3	
							12	695	11.0	
LW-184-(7.8~14.4)-20.7-H	184	20.7/3000	34.5/5000	AA6061	H形	0.5/12.7	7.8	505	10.7	
							11	670	13.9	
							11.1	675	14.0	
							14.4	845	17.2	
LW-184-(7~13)-15.3-H	184	15.3/2216	25.5/3694	AA6061	H形	0.368/9.37	7.4	386	8.10	
							10	581.7	9.80	
LW-184-(10.64~19.76)-15.3-H	184	15.3/2216	25.5/3694	AA6061	H形	0.368/9.37	15.2	830.6	13.4	
LW-203-(9.38~17.42)-12.4-H	203	12.4/1800	20.7/3000	AA6061	H形	0.328/8.33	13.4	600	10.8	
							14	628	11.2	

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa/psi)	试验压力 Test Pressure (MPa/psi)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (in/mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.43~0.77)-14.7-H	60	14.7/2132	25/3625	AA6061	H形	0.116/2.95	0.43	252	0.47	TC
							0.6	330	0.62	N/A
LW-60-(0.36~0.66)-20.7-H	60	20.7/3000	34.5/5000	AA6061	H形	0.161/4.1	0.51	300	0.67	N/A
LW-60-(0.25~0.45)-30-H	60	30/4352	50/7254	AA6061	H形	0.235/5.97	0.31	232	0.70	N/A
							0.35	246	0.75	
LW-73-(0.6~1.1)-12.4-H	73	12.4/1800	20.7/3000	AA6061	H形	0.118/3	0.75	270	0.74	N/A
LW-81-(0.3~0.55)-12.4-H	81	12.4/1800	20.7/3000	AA6061	H形	0.131/3.33	0.43	150	0.80	N/A
LW-81-(0.6~1.1)-12.4-H	81	12.4/1800	20.7/3000	AA6061	H形	0.131/3.33	0.68	210	0.74	TC
							0.85	250	0.85	
							1	285	0.95	
LW-81-(0.7~1.3)-15.3-H	81	15.3/2216	25.5/3694	AA6061	H形	0.162/4.12	1	300	0.99	TC
LW-91-(0.55~1.02)-20.7-H	91	20.7/3000	34.5/5000	AA6061	H形	0.247/6.27	0.787	230	1.28	N/A
LW-111-(1.18~2.18)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	1.68	280	1.75	TC
							1.8	305	1.83	N/A
LW-111-(1.93~3.57)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	2.2	360	2.10	N/A
							2.3	370	2.17	
							2.75	423	2.50	TC
							3	455	2.67	N/A
LW-111-(3.19~5.19)-13.9-H	111	13.9/2015	23.2/3364	AA6061	H形	0.2/5.08	4	583	3.35	N/A
							4.55	651	3.70	TC
LW-111-(1.18~2.18)-15.3-H	111	15.3/2216	25.5/3694	AA6061	H形	0.219/5.57	1.4	245	1.70	N/A
LW-111-(2.8~5.2)-20.7-H	111	20.7/3000	34.5/5000	AA6061	H形	0.3/7.63	4	639.7	4.84	TC
LW-133-(2.35~4.35)-12.4-H	133	12.4/1800	20.7/3000	AA6061	H形	0.215/5.46	3.35	368.3	3.30	TC
							3.5	385	3.39	N/A
LW-133-(2.45~4.55)-13.9-H	133	13.9/2015	23.2/3364	AA6061	H形	0.242/6.15	3.5	387.4	3.44	TC
LW-133-(2.74~5.06)-15.3-H	133	15.3/2216	25.5/3694	AA6061	H形	0.263/6.69	3.9	436	4.16	TC
							4.6	500	4.67	
							6.7	430	6.00	TC
LW-175-(4.69~8.71)-12.4-H	175	12.4/1800	20.7/3000	AA6061	H形	0.284/7.2	6.8	435	6.10	N/A
							10	600	7.90	N/A
LW-175-(7.03~13.03)-12.4-H	175	12.4/1800	20.7/3000	AA6061	H形	0.284/7.2	10.5	620	8.17	
							10	600	7.90	N/A
LW-175-5.9(4.13~7.67)-15.3-H	175	15.3/2216	25.5/3694	AA6061	H形	0.351/8.91	5.9	406.4	6.60	TC
LW-175-(7.01~12.99)-15.3-H	175	15.3/2216	25.5/3694	AA6061	H形	0.351/8.91	10	625	9.64	N/A
LW-180-(7.1~12.9)-15.3-H	180	15.3/2216	25.5/3694	AA6061	H形	0.355/9.1	8	495	8.10	N/A
							10	595	9.60	
							11	645	10.3	
							12	695	11.0	
LW-184-(7.8~14.4)-20.7-H	184	20.7/3000	34.5/5000	AA6061	H形	0.5/12.7	7.8	505	10.7	N/A
							11	670	13.9	
							11.1	675	14.0	TC
							14.4	845	17.2	N/A
LW-184-(7~13)-15.3-H	184	15.3/2216	25.5/3694	AA6061	H形	0.368/9.37	7.4	386	8.10	N/A
							10	581.7	9.80	TC
LW-184-(10.64~19.76)-15.3-H	184	15.3/2216	25.5/3694	AA6061	H形	0.368/9.37	15.2	830.6	13.4	TC
LW-203-(9.38~17.42)-12.4-H	203	12.4/1800	20.7/3000	AA6061	H形	0.328/8.33	13.4	600	10.8	TC
							14	628	11.2	N/A

BS 5045-8

铝合金无缝气瓶
Seamless Aluminum Alloy Gas Cylinders

CE

84/526/EEC

铝合金无缝气瓶
Seamless Aluminum Alloy Gas Cylinders

CE TM

铝合金无缝气瓶

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.51~0.8)-20-H	60	200	300	AA6061	H形	3.39	0.51	285	0.66	PED
LW-111-1.5-16.93-H	111	169.3	215	AA6061	H形	4.4	1.5	265	1.45	N/A
LW-111-(2.1~4.82)-16.93-H	111	169.3	215	AA6061	H形	4.4	3	445	2.35	PED
LW-111-1.5-17.4-H	111	174	250	AA6061	H形	5.15	1.5	275	2.11	N/A
LW-111-2-17.4-H	111	174	250	AA6061	H形	5.15	2	340	2.46	N/A
LW-111-3-17.4-H	111	174	250	AA6061	H形	5.15	3	457	3.16	N/A
LW-111-(1.88~4.22)-21.6-H	111	216	315	AA6061	H形	6.61	2.67	430	2.95	PED
LW-111-3-21-H	111	210	315	AA6061	H形	6.61	3	475	3.15	PED
LW-120-2.9-17.4-H	120	174	250	AA6061	H形	5.57	2.9	395	2.77	N/A
LW-120-3.5-17.4-H	120	174	250	AA6061	H形	5.57	3.5	460	3.20	N/A
LW-120-3.8-17.4-H	120	174	250	AA6061	H形	5.57	3.8	485	3.42	N/A
LW-120-4-17.4-H	120	174	250	AA6061	H形	5.57	4	460	3.57	N/A
LW-140-5.3-16.93-H	140	169.3	215	AA6061	H形	5.55	5.3	485	4.06	N/A
LW-140-(0.81~7.28)-17.4-T	140	174	250	AA6061	T形	6.51	2	249	2.13	PED
							3.4	355	3.08	
							4.5	445	3.82	
LW-152-(5.67~11.91)-16.93-H	152	169.3	215	AA6061	H形	6.02	7.5	575	5.84	PED
LW-159-(4.89~9.93)-21.6-H	159	216	315	AA6061	H形	9.46	6.67	535	7.40	PED
LW-175-6.8-17.4-H	175	174	250	AA6061	H形	8.13	6.8	445	6.40	N/A
LW-175-10.02-17.4-H	175	174	250	AA6061	H形	8.13	10.02	625	9.06	N/A

ISO 7866

铝合金无缝气瓶
Seamless Aluminum Alloy Gas Cylinders

CE TM

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.27~0.96)-16.6-H	60	166	250	AA6061	H形	3.3	0.6	330	0.62	TPED
LW-81-(0.19~1.61)-15.3-H	81	153	230	AA6061	H形	4.02	1	300	0.99	DOT
LW-81-1.15-16.6-H	81	166	250	AA6061	H形	4.4	1.15	348	1.23	N/A
LW-103-(0.5~3.2)-20-H	103	200	300	AA6061	H形	6.3	2	385	2.02	TPED
LW-111-(0.62~7.1)-13.9-H	111	139	210	AA6061	H形	5.01	2.75	423	2.50	DOT
LW-111-2.8-16.6-H	111	166	250	AA6061	H形	6.1	2.8	450	3.08	N/A
LW-111-3.2-16.6-H	111	166	250	AA6061	H形	6.1	3.2	503	3.43	N/A
LW-111-3.4-16.6-H	111	166	250	AA6061	H形	6.1	3.4	532	3.61	N/A
LW-111-3.7-16.6-H	111	166	250	AA6061	H形	6.1	3.7	570	3.88	N/A
LW-111-4-16.6-H	111	166	250	AA6061	H形	6.1	4	610	4.14	N/A
LW-111-(0.62~7.1)-13.9-H	111	139	210	AA6061	H形	5.01	4.55	651	3.70	DOT
LW-111-(0.54~4.76)-20-H	111	200	300	AA6061	H形	7.31	3	495	3.86	N/A
LW-120-3.2-16.6-H	120	166	250	AA6061	H形	6.51	3.2	450	3.54	N/A
LW-140-6.7-16.6-H	140	166	250	AA6061	H形	7.59	6.7	649	7.2	N/A
LW-140-(1.31~7.97)-20-H	140	200	300	AA6061	H形	9.28	5	525	6.94	N/A
LW-140-(1.52~8)-20-H	140	200	300	7060	H形	5.81	5	475	4.6	TPED
LW-140-(2-12)-20-H	140	200	300	AA6061	H形	8.8	5	530	6.6	TPED
LW-175-10-15-H	175	150	225	AA6061	H形	8.49	10	630	7.9	N/A
LW-184-10-15-H	184	150	225	AA6061	H形	8.92	10	584	9.8	N/A
LW-203-10.2-16.6-H	203	166	250	AA6061	H形	11	10.2	518	12	N/A
LW-203-13.4-16.6-H	203	166	250	AA6061	H形	11	13.4	645	14.7	N/A
LW-203-(3-28.5)-20-H	203	200	300	AA6061	H形	12.7	15	725	17.8	TPED

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	瓶体材料 Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
LW-60-(0.27~0.96)-16.6-H	60	166	250	AA6061	H形	3.5	0.29	185	0.30	TPED
LW-81-(0.75~1.53)-16.6-H	81	166	250	AA6061	H形	4.65	0.5	284	0.53	
LW-91-0.8-21-H	91	210	315	AA6061	H形	6.48	0.6	330	0.62	
LW-91-(1~2.05)-21-H	91	210	315	AA6061	H形	6.48	0.96	300	1.07	TPED
LW-111-1.5-16.6-H	111	166	250	AA6061	H形	6.32	1	310	1.10	
LW-111-(1.93~4.79)-16.6-H	111	166	250	AA6061	H形	6.32	1.3	325	1.24	
LW-111-(1.93~4.79)-17.4-H	111	174	250	AA6061	H形	6.32	1.5	337	1.29	TPED PED
LW-120-(2.38~7.15)-16.6(174)-H	120	166	250	AA6061	H形	6.83	2.9	410	2.10	
LW-120-(2.38~7.15)-16.6(174)-H	120	174	250	AA6061	H形	6.83	3.2	450	2.17	
LW-140-(4.17~9.8)-16.6(174)-H	140	166	250	AA6061	H形	7.97	3.4	475	2.39	TPED PED
LW-159-(6.13~12.7)-16.6(174)-H	159	166	250							

焊接瓶体

Welded cylinders

焊接瓶体



DOT-4B

焊接瓶体
Welded cylinders



型号 Type	气瓶外径 Outside Diameter(mm)	工作压力 Working Pressure(psi)	试验压力 Test Pressure(psi)	瓶体材料 Material	设计壁厚 Design Wall Thickness(mm)	容积 Water capacity(L)	瓶体高度 Cylinder Height(mm)	认证 Certificate
JX02-001-27	85	240	480	DC01 (St12)	1.5	1.166	270	DOT PED
JX02-001-32	85	240	480	DC01 (St12)	1.5	0.72	185	DOT PED
JX02-001-44	85	360	720	DC01 (St12)	1.1	0.67	185	DOT PED
JX02-001-45	85	360	720	DC01 (St12)	1.1	1.13	280	DOT PED
JX02-002-23	110	240	480	DC01 (St12)	1.61	2.187	300	DOT PED
JX02-002-37	110	240	480	DC01 (St12)	1.61	2.418	326	DOT PED
JX02-002-39	110	360	720	DC01 (St12)	1.43	2.42	338	DOT PED
JX02-003-18	130	240	480	DC01 (St12)	1.71	3.459	335	DOT PED
JX02-003-28	130	240	480	DC01 (St12)	1.71	3.87	368	DOT PED
JX02-003-34	130	360	720	DC01 (St12)	1.68	3.87	380	DOT PED
JX02-006-54	160	240	480	DC01 (St12)	2.286	5.171	335	DOT PED
JX02-006-74	160	240	480	DC01 (St12)	2.286	5.79	368	DOT PED
JX02-006-102	160	360	720	DC01 (St12)	2.286	5.8	380	DOT PED
JX02-009-31	180	240	480	DC01 (St12)	2.286	6.667	345	DOT PED
JX02-009-32	180	240	480	DC01 (St12)	2.286	7.881	395	DOT PED
JX02-009-35	180	240	480	DC01 (St12)	2.286	12.21	575	DOT PED
JX02-009-47	180	240	480	DC01 (St12)	2.286	7.1	363	DOT PED
JX02-009-48	180	240	480	DC01 (St12)	2.286	8.52	422	DOT PED
JX02-009-49	180	240	480	DC01 (St12)	2.286	13.196	616	DOT PED
JX02-009-60	180	360	720	DC01 (St12)	2.32	8.5	432	DOT PED
JX02-009-61	180	360	720	DC01 (St12)	2.32	7.08	373	DOT PED
JX02-009-62	180	360	720	DC01 (St12)	2.32	13.21	636	DOT PED
JX02-009-63	180	360	720	DC01 (St12)	2.32	17	795	DOT PED
JX02-009-72	180	254	508	DC01 (St12)	2.286	7.5	370	DOT PED
JX02-009-73	180	254	508	DC01 (St12)	2.286	11	515	DOT PED

▶ 车用气瓶

Cylinder for Automotive Vehicles

车用气瓶



▶ 车用气瓶

Cylinder for Automotive Vehicles

GB/T 17258

汽车用压缩天然气钢瓶
CNG Steel Cylinder for Automotive Vehicles

(TS)

型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG1-232-30-20T	35CrMo	6.4	232	30	930	36.5	20	30	型式认可 Type Approval

ISO 11439

汽车用压缩天然气钢瓶
CNG Steel Cylinder for Automotive Vehicles

(TUV)

型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG1-356-150-20B(T)	34CrMo4	8.0	356	150	1835	145	20	30	型式认可 Type Approval
CNG1-356-150-20B(P)	34CrMo4	8.0	356	150	1835	145	20	30	

ECE R 110

汽车用压缩天然气钢瓶
CNG Steel Cylinder for Automotive Vehicles

(E1)

型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG1-356-75-20B(T)	34CrMo4	8.0	356	75	1000	83	20	30	型式认可 Type Approval
CNG1-356-75-20B(P)	34CrMo4	8.0	356	75	1000	83	20	30	
CNG1-356-150-20B(T)	34CrMo4	8.0	356	150	1835	145	20	30	
CNG1-356-150-20B(P)	34CrMo4	8.0	356	150	1835	145	20	30	

▶ 车用气瓶

Cylinder for Automotive Vehicles

Q/JWN 21 (GB/T 24160, MOD)

车用压缩天然气钢质内胆环向缠绕气瓶

Hoop-wrapped composite cylinders with steel liner for the on-board storage of compressed natural gas as a fuel for automotive vehicles



型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG2-G-300-60-20B	30CrMo	4.0	300	310	60	1040	44	20	30	
CNG2-G-300-65-20B	30CrMo	4.0	300	310	65	1115	48	20	30	
CNG2-G-325-45-20B	30CrMo	4.5	325	335	45	710	37	20	30	
CNG2-G-325-50-20B	30CrMo	4.5	325	335	50	785	41	20	30	
CNG2-G-325-55-20B	30CrMo	4.5	325	335	55	850	43	20	30	
CNG2-G-325-60-20B	30CrMo	4.5	325	335	60	915	47	20	30	
CNG2-G-325-65-20B	30CrMo	4.5	325	335	65	980	50	20	30	
CNG2-G-325-70-20B	30CrMo	4.5	325	335	70	1045	53	20	30	
CNG2-G-325-75-20B	30CrMo	4.5	325	335	75	1110	56	20	30	
CNG2-G-325-80-20B	30CrMo	4.5	325	335	80	1175	59	20	30	
CNG2-G-356-60-20B	30CrMo	4.7	356	370	60	805	48	20	30	
CNG2-G-356-65-20B	30CrMo	4.7	356	370	65	860	52	20	30	
CNG2-G-356-70-20B	30CrMo	4.7	356	370	70	910	54	20	30	
CNG2-G-356-75-20B	30CrMo	4.7	356	370	75	965	58	20	30	
CNG2-G-356-80-20B	30CrMo	4.7	356	370	80	1015	60	20	30	
CNG2-G-356-90-20B	30CrMo	4.7	356	370	90	1125	68	20	30	
CNG2-G-356-100-20B	30CrMo	4.7	356	370	100	1230	73	20	30	
CNG2-G-356-115-20B	30CrMo	4.7	356	370	115	1395	84	20	30	
CNG2-G-356-120-20B	30CrMo	4.7	356	370	120	1445	87	20	30	
CNG2-G-356-140-20B	30CrMo	4.7	356	370	140	1660	100	20	30	
CNG2-G-356-145-20B	30CrMo	4.7	356	370	145	1715	103	20	30	
CNG2-G-406-82-20B	30CrMo	5.5	406	420	82	840	69	20	30	
CNG2-G-406-90-20B	30CrMo	5.5	406	420	90	910	74	20	30	
CNG2-G-406-100-20B	30CrMo	5.5	406	420	100	990	80	20	30	
CNG2-G-406-110-20B	30CrMo	5.5	406	420	110	1070	87	20	30	
CNG2-G-406-115-20B	30CrMo	5.5	406	420	115	1115	90	20	30	

ISO 11439

车用压缩天然气钢质内胆环向缠绕气瓶

Hoop-wrapped Composite Cylinders with Steel Liner for the on-board Storage of Compressed Natural Gas as a Fuel for Automotive Vehicles



型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG2-G-370-100-20B(T)	34CrMo4	4.7	356	370	100	1230	73	20	30	型式认可 Type Approval

▶ 车用气瓶

Cylinder for Automotive Vehicles

ECE R 110

车用压缩天然气钢质内胆环向缠绕气瓶

Hoop-wrapped Composite Cylinders with Steel Liner for the on-board Storage of Compressed Natural Gas as a Fuel for Automotive Vehicles



型号 Type	内胆材料 Liner Material	设计壁厚 Design Wall Thickness (mm)	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Cylinder Outside Diameter (mm)	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG2-G-370-100-20B(T)	34CrMo4	4.7	356	370	100	1230	73	20	30	ECE R 110
CNG2-G-420-82-20B(T)	34CrMo4	5.5	406	420	82	840	69	20	30	ECE R 110
CNG2-G-420-100-20B(T)	34CrMo4	5.5	406	420	100	990	80	20	30	ECE R 110

Q/JWN 22

车用压缩天然气铝内胆全缠绕复合气瓶

Fully-wrapped composite cylinders with aluminum alloy liner for the on-board storage of compressed natural gas as a fuel for automotive vehicles

型号 Type	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Cylinder Outside Diameter (mm)	内胆设计壁厚 Liner Design Wall Thickness (mm)	内胆材料 Liner Material	公称容积 Nominal Water Capacity (L)	不含阀瓶体长度 Length of Shell (without valve) (mm)	公称重量 Nominal Weight (kg)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	认证 Certificate
CNG3-C-346-80-20S	346	356	5.0	6061铝合金	80	1095	35.0	20	30	N/A
CNG3-C-346-80-20T	346	356	5.0	6061铝合金	80	1060	35.0	20	30	
CNG3-C-346-85-20S	346	356	5.0	6061铝合金	85	1153	36.5	20	30	
CNG3-C-346-85-20T	346	356	5.0	6061铝合金	85	1118	36.5	20	30	
CNG3-C-346-90-20S	346	356	5.0	6061铝合金	90	1210	37.8	20	30	
CNG3-C-346-90-20T	346	356	5.0	6061铝合金	90	1175	37.8	20	30	
CNG3-C-346-95-20S	346	356	5.0	6061铝合金	95	1267	39.6	20	30	
CNG3-C-346-95-20T	346	356	5.0	6061铝合金	95	1232	39.6	20	30	
CNG3-C-346-100-20S	346	356	5.0	6061铝合金	100	1325	41.2	20	30	
CNG3-C-346-100-20T	346	356	5.0	6061铝合金	100	1290	41.2	20	30	
CNG3-C-346-105-20S	346	356	5.0	6061铝合金	105	1382	42.9	20	30	
CNG3-C-346-105-20T	346	356	5.0	6061铝合金	105	1347	42.9	20	30	
CNG3-C-346-110-20S	346	356	5.0	6061铝合金	110	1440	44.4	20	30	
CNG3-C-346-110-20T	346	356	5.0	6061铝合金	110	1405	44.4	20	30	
CNG3-C-346-115-20S	346	356	5.0	6061铝合金	115	1495	46.0	20	30	
CNG3-C-346-115-20T	346	356	5.0	6061铝合金	115	1460	46.0	20	30	
CNG3-C-346-120-20S	346	356	5.0	6061铝合金	120	1553	47.6	20	30	

呼吸器用复合气瓶

Composite Cylinders for Breathing Apparatus

呼吸器用复合气瓶



GB/T 28053

呼吸器用复合气瓶
Composite Cylinders for Breathing Apparatus

(TS)

型号 Type	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (MPa)	试验压力 Test Pressure (MPa)	内胆材料 Liner Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
CRPIII-145-6.8-30-T	145	157	30	50	AA6061	T形	2.0	6.8	528	4.0	型式认可 Type Approval

阀门

Valve



Valve

气瓶阀门
Cylinder Valve

(TS) TÜV

型号 Type	瓶口连接螺纹 Inlet Thread	吸管连接螺纹 Dip Tube Thread	喷具连接螺纹 Outlet Thread	最大工作压力 Working Pressure	试验压力 Test Pressure	压力泄放装 置动作压力 PRD Pressure	工作温度 Working Temperature	认证模式 Certificate	介质 Using Medium
QF-2	P27.8	N/A	G 5/8	150 bar	225 bar	20.25 ~ 22.5 bar	-40°C ~ +60°C	GB	O ₂
WN52-55	25E	G1/4	W21.8	N/A	250 bar	190 ~ 209 bar	-30°C ~ +60°C	TPED	CO ₂

EN 12245

呼吸器用复合气瓶
Transportable Gas Cylinders—Fully wrapped composite cylinders

CE

型号 Type	内胆外径 Liner Outside Diameter (mm)	气瓶外径 Outside Diameter (mm)	工作压力 Working Pressure (bar)	试验压力 Test Pressure (bar)	内胆材料 Liner Material	底型 Bottom Type	设计壁厚 Design Wall Thickness (mm)	公称容积 Nominal Water Capacity (L)	瓶体高度 Cylinder Height (mm)	公称重量 Nominal Weight (kg)	认证 Certificate
CRPIII-145-6.8-30-T	145	157	300	450	AA6061	T形	1.5	6.8	528	4.2	PED

灭火系统阀门
Fire System Valve

CE TÜV

型号 Type	瓶口连接螺纹 Inlet Thread	吸管连接螺纹 Dip Tube Thread	喷具连接螺纹 Outlet Thread	最大工作压力 Working Pressure	试验压力 Test Pressure	压力泄放装 置动作压力 PRD Pressure	工作温度 Working Temperature	认证 Certificate	介质 Using Medium
WN51-05	M30×1.5	M16×1.5	W21.8-14	20 bar	39 bar	16 ~ 20 bar	-30°C ~ +60°C	PED	N ₂
WN51-06	G1-11	M16×1.5	W21.8-14	30 bar	54 bar	26 ~ 30 bar	-30°C ~ +60°C	PED	N ₂
WN52-06	25E	M16×1	W21.8-14	N/A	250 bar	250 ~ 275 bar	-40°C ~ +60°C	TPED	CO ₂

► 气瓶配件

Accessories for Cylinders

护罩
Guard



JXT-HZ-2



JXT-HZ-8



JXT-HZ-8



JXT-HZ-11



TH-07-07

颈圈
Neck rings



PG80
JXMT-JQ-8



PG80
JXT-JQ-9



PG80
JXT-JQ-10



PG80
JXT-JQ-18



PG80
JXT-JQ-28



W95
JXT-JQ-29



W120
JXT-JQ-30



PG95
ZJWN-T-Q68-JQ-1



PG95
ZJWN-T-Q6-JQ1

瓶帽
Cap



W95
JXT-PM-1



PG80
JXT-PM-2



PG80
JXT-PM-3



PG80
JXT-PM-4



PG80
JXT-PM-10

Accessories

气瓶配件



WINNER

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