

Beijing Sinocleansky Technologies Corp

钢·质·无·缝·气·瓶

北京华科天洁科技有限责任公司

Seamless Steel Gas Cylinder

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Q/JB THB0008 35Mpa Steel Cylinder							
Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height(Without valve)in.(mm)	Weight(Without valve、cap) lbs.(kg)	Service Pressure (psi)	Design wall thickness in.(mm)	Material
WGA229-40-35	229	40	1385	112	35	11.9	30CrMo
WGA229-45-35		45	1535	117			
WGA229-50-35		50	1680	126			
WGA229-55-35		55	1830	137			
WGS-229-40-35		40	1430	103			
WGS229-45-35		45	1585	114			
WGS229-50-35		50	1740	125			
WGS229-55-35		55	1900	136			

DOT-3AA Seamless Gas Cylinder								
Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material
8CF	3.56" (90) convex	109 (1.78)	15.51" (394)	5.7 (2.6)	1800	3000	0.094" (2.4)	30CrMo (4130X)
10.8CF	3.56" (90) convex	122 (2.0)	17.13" (435)	6.4 (2.9)	2100	3500	0.094" (2.4)	
10CF	4.25" (108)	122 (2.0)	12.4" (315)	6.8 (3.1)	2015	3360	0.102" (2.6)	
15CF		283 (4.64)	25.2" (640)	12.7 (5.8)				
8.5CF		99 (1.62)	10.37" (263.5)	6.6 (3.0)	2100	3500		
11.4CF		128 (2.1)	13" (330)	7.0 (3.2)				
9.2CF		104 (1.7)	11" (280)	6.2 (2.8)				
19CF		164 (2.68)	15.6" (395)	8.4 (3.8)				
19CF	4.25" (108) convex	164 (2.68)	16.1" (410)	7.9 (3.6)	2175	3625		
16.8CF	4.25" (108)	183 (3)	16.9" (430)	9.0 (4.1)				
18CF		207 (3.4)	19.1" (485)	9.9 (4.5)				
19CF	4.49" (114)	171 (2.8)	15.7" (400)	10.6 (4.8)	2610	4350	0.126" (3.2)	
27CF	convex	244 (4)	21.3" (540)	13.9 (6.3)				
16CF	5.24" (133)	204 (3.4)	14.0" (355)	12.3 (5.6)	1800	3000	0.098" (2.5)	

Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material	
19CF	54.2"(133_)	220(3.6)	14.8"(375)	12.3(5.6)	2015	3360	0.118"(3.0)		
19.5CF	5.51"(140)	220(3.6)	14.8"(375)	12.3(5.6)	2100	3500			
19.6CF		213(3.5)	13.8"(350)	15.5(7.1)	2175	3625	0.142"(3.6)		
30.3CF		329(5.4)	19.7"(500)	20.4(9.3)					
37.6CF		409(6.7)	22.6"(575)	24.9(11.3)					
46CF		500(8.2)	27.6"(700)	27.3(12.4)					
57.2CF		622(10.2)	33.5"(850)	32.9(15)					
60CF		653(10.7)	35.0"(890)	34.2(15.5)					
40CF		7"(178)	476(7.8)	17.7"(450)	263(12)	2015	3360		0.157"(4.0)
55CF	660(10.8)		23.2"(590)	35.2(16)					
80CF	958(15.7)		32.1"(815)	46.2(21)					
110CF	1320(21.65)		42.7"(1085)	59.4(27)					
40CF	452(7.4)		17.3"(440)	27.3(12.4)	2100	3500			
56.4CF	635(10.4)		22.4"(570)	34.1(15.5)					
89.8CF	976(16)		32.3"(820)	37.9(17.2)	2175	3625			
112CF	1221(20)		39.6"(1005)	46.7(21.2)					
75.2CF	817(13.4)		27.4"(695)	40.8(18.5)	2175	3625			
94.3CF	1025(16.8)		33.3"(845)	44.1(20)					
106CF	1147(18.8)		36.8"(935)	46.3(21)					
45CF	488(8)		17.9"(455)	27.5(12.5)					
56.1CF	610(10)		21.5"(545)	32(14.5)					
84.2CF	915(15)		30.3"(770)	41(18.6)					
125CF	1320(21.65)		42.7"(1085)	59.4(27)	2265	3775			
125CF	1320(21.6)		42.8"(1085)	59.4(27)					
131CF	1428(23.4)		46.1"(1170)	63.9(29)					
63CF	7.4"(189)		816(13.4)	25.4"(645)	38.6(17.5)	1800	3000	0.154"(3.9)	
140CF		1623(26.6)	46"(1170)	69.3(31.5)	2015	3360	0.165"(4.2)		
143CF		1666(27.3)	47"(1195)	70.5(32)					
138CF	7.75"(197)	1623(26.6)	41.7"(1060)	62.8(28.5)	2015	3360	0.165"(4.2)		
86CF	8.62"(219)	1068(17.5)	26.77"(680)	70.4(32)	2015	3360	0.196"(5.0)	37Mn	

Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material	
187CF	8.62"(219)	1952(32)	43.1"(1095)	99(45)	2400	4000	0.224"(5.7)	37Mn	
186CF		2136(35)	46.46"(1180)	99(45)	2175	3625	0.224"(5.7)		
206CF		2240(40)	52.36"(1330)	110(50)					
225CF	9"(229)	2640(43.3)	51.18"(1300)	110.4(50)	2015	3360	0.197"(5.0)	30CrMo(4130X)	
182CF		2136(35)	42.5"(1080)	96.8(44)					
264CF		3010(50)	57.87"(1470)	125.4(57)					
255CF		2640(43.3)	51.18"(1300)	114.4(52)	2265	3775	0.213"(5.4)		
275CF		2850(46.7)	54.5"(1385)	121(55)					
260CF		2640(43.3)	51.18"(1300)	114.4(52)	2300	3833	0.213"(5.4)		
280CF		2850(46.7)	54.5"(1385)	121(55)					
300CF		3051(50)	58"(1475)	127.6(58)					
268CF		2640(43.3)	51.77"(1315)	121.3(55)	2400	4000	0.244"(6.2)		
289CF		2850(46.7)	55.5"(1410)	130(59)					
310CF		3051(50)	59.4"(1510)	143(65)					
317CF		2640(43.3)	53.3"(1356)	151.8(69)	3000	5000	0.283"(7.2)		
337CF		2807(46)	56.3"(1430)	156.2(71)					
364CF		2868(47)	57.5"(1460)	158.7(72)					
360CF		2980(48.8)	60"(1525)	165(75)					
380CF		3051(50)	60.6"(1540)	167.2(76)					
470CF		3051(50)	64.17"(1630)	209(95)	3600	6000	0.3346(8.5)		
140CF	9.13"(232)	1647(27)	34.65"(880)	83.6(38)	2015	3360	0.197"(5.0)	37Mn	
185CF		2135(35)	42.72"(1085)	96.8(44)					
245CF		2849(46.7)	54.53"(1385)	118.8(54)					
265CF		2868(47)	54.92"(1395)	123(56)	2175	3625	0.204"(5.2)		
255CF		2640(43.3)	51.18"(1300)	114.4(52)					
275CF		2850(46.7)	54.5"(1385)	121(55)					
213CF	9.13"(232)	2640(43.3)	50"(1270)	110(50)	2015	3360	0.204"(5.2)	30CrMo(4130X)	
260CF		2453(40.2)	46.9"(1190)	101(46)	2133	3555		0.204"(5.2)	37Mn
300CF		2850(46.7)	53.9"(1370)	114(52)					

Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material	
318CF	9.13"(232)	3051(50)	57.48"(1460)	121(55)	2133	3555	0.204"(5.2)	37Mn	
170CF		1830(30)	36"(915)	81.4(37)	2175	3625			
198CF		2136(35)	41.7"(1060)	92.4(42)					
225CF		2441(40)	46.46"(1180)	101.2(46)					
245CF		2642(43.3)	50"(1270)	107.8(49)					
265CF		2850(46.7)	53.9"(1370)	114(52)					
249CF		2868(47)	54.1"(1375)	114(52)					
280CF		3051(50)	57.1"(1450)	121(55)					
276CF		3173(52)	59.6"(1510)	123(57)					
275CF		2640(43.3)	50"(1270)	110(50)					2265
210CF	9.25"(235)	2136(35)	41.3"(1050)	90(41)			2300	3833	0.216"(5.5)
280CF		2850(46.7)	53.9"(1370)	114(52)					
310CF		3173(52)	59.4"(1515)	123(56)					
234CF		3051(50)	56"(1420)	117(53)	1800	3000			
270CF	9.25"(235)	3173(52)	57.68"(1465)	136.4(62)	2015	3360	0.204"(5.2)	37Mn	
300CF		3051(50)	56.5"(1435)	140.8(64)	2300	3833	0.228"(5.8)	30CrMo(4130X)	
300CF		2980(48.8)	55.1"(1400)	136.4(62)	2400	4000	0.23"(5.8)		
160CF		1282(21)	28"(710)	90.2(41)	3000	5000	0.287"(7.3)		
380CF	2980(48.8)	57.5"(1460)	167.2(76)						
264CF	10.5"(267)	3662(60)	52.8"(1340)	154(70)	1800	3000	0.244"(6.2)	30CrMo(4130X)	
299CF		4150(68)	59"(1500)	171.6(78)					
351CF		4883(80)	68.9"(1750)	194(88)					
330CF		3662(60)	52.8"(1340)	154(70)					
375CF		4150(68)	59"(1500)	171.6(78)	2130	3550			
440CF		4883(80)	68.9"(1750)	196(89)					
340CF		3662(60)	52.8"(1340)	154(70)					
380CF		4150(68)	59"(1550)	171.6(78)					
379CF		4119(67.5)	58.7"(1490)	170.5(77.5)	2175	3625			

Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material			
450CF	10.5"(267)	4883(80)	68.9"(1750)	196(89)	2175	3625	0.244"(6.2)	30CrMo(4130X)			
350CF		3662(60)	52.8"(1340)	154(70)	2265	3775					
400CF		4150(68)	59"(1500)	171.6(78)							
470CF		4883(80)	68.9"(1750)	196(89)							
360CF		3662(60)	52.8"(1340)	154(70)			2300		3833	0.248"(6.3)	
400CF		4119(67.5)	58.5"(1485)	170.5(77.5)							
405CF		4150(68)	59"(1500)	171.6(78)							
480CF		4883(80)	68.9"(1750)	196(89)							
370CF		3662(60)	52.8"(1340)	154(70)	2400	4000	0.26"(6.6)	30CrMo(4130X)			
420CF		3960(64.9)	56.7"(1440)	165(75)							
425CF		4027(66)	57.6"(1465)	165(75)							
500CF		4119(67.5)	58.5"(1485)	170.5(77.5)							
398CF		4150(68)	59"(1500)	171.6(78)							
468CF		4883(80)	68.9"(1750)	196(89)							
530CF		4150(68)	61.6"(1565)	215.6(98)					3000	5000	0.327"(8.3)
585CF		4577(75)	67.1"(1705)	233.2(106)							
600CF		4699(77)	69.68"(1770)	237.6(108)							
620CF		4883(80)	71.26"(1810)	246.4(112)							
310CF		3662(60)	52.8"(1340)	154(70)	2015	3360	0.244"(6.2)	37Mn			
355CF		4150(68)	59"(1500)	171.6(78)							
420CF		4883(80)	68.9"(1750)	194(88)							
330CF		3662(60)	52.8"(1340)	154(70)							
375CF		4150(68)	59"(1500)	171.6(78)	2130	3550	0.244"(6.2)				
440CF		4883(80)	68.9"(1750)	194(88)							
340CF		3662(60)	52.8"(1340)	154(70)							
380CF		4150(68)	61"(1550)	171.6(78)							
379CF		4119(67.5)	58.7"(1490)	170.5(77.5)	2175	3625	0.244"(6.2)				
382CF		4150(68.1)	59"(1500)	171.6(78)							
450CF	4883(80)	68.9"(1750)	194(88)								

Type	Outside diameter in.(mm)	Water Capacity cu.in.(L)	Height in.(mm)	Weight lbs.(kg)	Service Pressure (psi)	Test Pressure (psi)	Design wall thickness in.(mm)	Material
405CF	10.5"(267)	4150(68)	59.5"(1510)	171.6(78)	2300	3833	0.248"(6.3)	37Mn
480CF		4883(80)	68.5"(1740)	194(88)				
490CF		5004(82)	70.47"(1790)	198(90)				
395CF	11"(279)	4272(70)	56.89"(1445)	178.2(81)	2175	3625	0.248"(6.3)	30CrMo(4130X)
450CF		4883(80)	64.17"(1630)	200.2(91)				
465CF		5034(82.5)	64.96"(1650)	202.4(92)				
420CF		4272(70)	56.89"(1445)	178.2(81)	2300	3833	0.26"(6.6)	
480CF		4883(80)	64.17"(1630)	200.2(91)				
490CF		5003(82)	64.96"(1650)	202.4(92)				
545CF		4272(70)	59"(1500)	231(105)	3000	5000	0.339"(8.6)	
620CF		4881(80)	66.1"(1680)	253(115)				
640CF		5003(82)	66.93"(1700)	255.2(116)				
702CF		4881(80)	72.4"(1840)	361.6(164)				
678CF		4683(80)	68.5"(1740)	309(140)	3626	6045	0.413"(10.5)	

DOT UN ISO9809-1 Seamless Gas Cylinder

Type	Outside diameter (mm)	Water Capacity .(L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
UNISO279	279	82	1705	119	230	345	8.6	30CrMo
UNISO235	235	48.8	1410	51	184	276	5.8	
UNISO229	229	40	1240	55	200	300	6.2	
		46	1405	61				
		48	1455	63				
		50	1510	65	174	261	5.4	
		43.3	1310	52				
UNISO178	178	43.3	1310	51	154	232	5.0	
		7.8	455	12.8			4.0	
		10.8	590	16				
		15.7	815	21				
UNISO133	133	21.6	1085	27	154	232	4.0	
		3.6	375	5.6				3.0

GB5099 Seamless Steel Gas Cylinder							
Type	Outside diameter (mm)	Water Capacity (L)	Height(Without valve)(mm)	Weight(Without valve、cap) (kg)	Service Pressure (Mpa)	Design wall thickness (mm)	Material
WGA325-90-17.2II	325	90	1360	102	17.2(15)	7.0	35CrMo
WGA325-100-17.2II		100	1490	110			
WGA325-120-17.2II		120	1745	125			
WGA279-40-15	279	40	910	52	15	6.3	30CrMo
WGA279-40-15		70	1450	82			
WGA279-75-15		75	1540	87			
WGA279-80-15		80	1630	92			
WGA279-82-15		82	1665	94			
WGS279-70-20		70	1550	94	20	7.8	
WGS279-75-20		75	1640	99.5			
WGS279-80-20		80	1730	104			
WGS279-85-20		85	1820	109			
WGS279-90-20		90	1910	114			
WGS279-50-25		50	1180	83	25	9.4	
WGS279-60-25		60	1380	96.5			
WGS279-70-25		70	1570	110			
WGS279-75-25		75	1660	116			
WGS279-80-25		80	1750	122			
WGA279-50-20		50	1100	75	20	7.8	
WGA279-60-20		60	1280	85			
WGA279-70-20		70	1460	96			
WGA279-75-20		75	1550	101			
WGA279-80-20		80	1640	106			
WGA279-90-20	90	1820	117	23.2	8.6		
WGA279-70-23.2	70	1500	105				
WGA279-80-23.2	80	1675	117				
WGA279-82-23.2	82	1705	119	15	6.6	37Mn	
WZA279-50-15	50	1065	61				
WZA279-60-15	60	1250	70				
WZA279-68-15	68	1400	77				
WZA279-70-15	70	1435	79				
WZA279-80-15	80	1620	88				
WZA279-82-15	82	1645	90				
WZA279-90-15	90	1805	100				
WGA267-60-15	267	60	1340	70	15	6.3	30CrMo

WGA267-68-15		68	1500	78			
WGA267-80-15		80	1750	89			
WZA267-50-15		50	1140	59			
WZA267-58-15		58	1300	66			
WZA267-60-15		60	1340	68			
WZA267-67-15		67	1485	75			
WZA267-68-15		68	1500	76			
WZA267-70-15		70	1540	78			37Mn

Type	Outside diameter (mm)	Water Capacity (L)	Height(Without valve)(mm)	Weight(Without valve、cap) (kg)	Service Pressure (Mpa)	Design wall thickness (mm)	Material
WZA267-80-15	267	80	1740	87	15	6.3	37Mn
WZA267-82-15		82	1780	88			
WZA267-50-15II		50	1130	55		6.0	
WZA267-60-15II		60	1330	62			
WZA267-67.5-15II		67.5	1480	70			
WZA267-68-15II		68	1480	70			
WZA267-70-15II		70	1530	72			
WZA267-80-15II		80	1725	80			
WZA267-82-15II		82	1765	82			
WGA235-38-15I		235	38	1130			
WGA235-40-15I	40		1180	53			
WGA235-42-15I	42		1230	56			
WZA232-36-15	232	36	1080	42	15	5.4	37Mn
WZA232-38-15		38	1130	44			
WZA232-40-15		40	1180	46			
WZA232-43.3-15		43.3	1270	49			
WZA232-44-15		44	1295	49			
WZA232-45-15		45	1320	50			
WZA232-46.7-15		46.7	1365	51			
WZA232-47-15		47	1370	52			
WZA232-50-15		50	1450	55			
WZA232-36-15I		36	1110	45.5			
WZA232-40-15I		40	1210	49			
WZA232-46.7-15I		46.7	1375	54.5			
WZA232-47-15I		47	1385	55			
WGA229I-40-15		229	40	1240			
WGA229I-47-15	47		1430	62			
WGA229I-50-15	50		1510	65			
WGA229-38-15I	38		1180	47	30CrMo		
WGA229-40-15I	40		1230	48			

WGA229-42-15I		42	1285	50		
WGA229-44-15I		44	1340	52		
WGA229-46-15I		46	1390	55		
WGA229-35-20I		35	1100	50	20	6.2
WGA229-40-20I		40	1240	55		
WGA229-45-20I		45	1380	60		
WGA229-46-20I		46	1395	61		
WGA229-47-20I		47	1430	62		
WGA229-48-20I		48	1445	63		
WGA229-50-20I		50	1500	65		
WGA229-30-20		30	980	49		
WGA229-35-20		35	1100	56		
WGA229-40-20		40	1270	62		
WGA229-45-20		45	1410	68		

Type	Outside diameter (mm)	Water Capacity (L)	Height(Without valve)(mm)	Weight(Without valve、cap) (kg)	Service Pressure (Mpa)	Design wall thickness (mm)	Material	
WGA229-47-20	229	47	1460	70	20	6.2	30CrMo	
WGA229-50-20		50	1550	75				
WGA229-52-20		52	1605	77				
WGA229-40-25I		40	1250	63	25	7.3		
WGA229-45-25I		45	1395	70				
WGA229-50-25I		50	1540	76				
WGA229-55-25I		55	1690	83				
WGS229-40-25		40	1375	80		8.2		35CrMo
WGS229-45-25		45	1520	88				
WGS229-50-25		50	1665	96				
WMA219-20-15		219	20	725	28	15		5.7
WMA219-25-15	25		875	33				
WMA219-27-15	27		935	35				
WMA219-28-15	28		955	36				
WMA219-36-15	36		1195	44				
WMA219-38-15	38		1255	46				
WMA219-40-15	40		1315	48				
WGA178-10-20	178	10	555	15	20	4.6	30CrMo	
WGA178-11-20		11	600	16.2				
WGA178-12-20		12	650	17				
WGA178-15-20		15	785	20				
WGA178-21-20		21	1060	26				
WGA178-24-20		24	1195	29.5				

WGA178-27-20		27	1320	32.5			
WMA165-7-15	165	7	490	12	15	4.3	37Mn
WMA165-8-15		8	540	13			
WMA165-10-15		10	630	14.5			
WMA165-10.3-15		10.3	650	15			
WMA165-12-15		12	750	17			
WMA165-15-15		15	915	21			
WMA140-3.4-15		140	3.4	340			
WMA140-4-15	4		390	7.1			
WMA140-5-15	5		460	8.3			
WMA140-6-15	6		530	9.4			
WMA140-6.8-15	6.8		575	10			
WMA140-7-15	7		600	10.5			
WMA140-7.4-15	7.4		640	11			
WMA140-8-15	8		690	12			
WMA140-9-15	9		770	13			
WMA140-10-15	10		840	14			
WGA140-3.4-15			3.4	340	6.5	30CrMo	
WGA140-4-15			4	390	7.1		
WGA140-5-15			5	460	8.3		
WGA140-6-15		6	530	9.4			

Type	Outside diameter (mm)	Water Capacity (L)	Height(Without valve)(mm)	Weight(Without valve、cap) (kg)	Service Pressure (Mpa)	Design wall thickness (mm)	Material	
WGA140-6.8-15	140	6.8	575	10	15	3.6	30CrMo	
WGA140-7-15		7	600	10.5				
WGA140-7.4-15		7.4	640	11				
WGA140-8-15		8	690	12				
WGA140-9-15		9	770	13				
WGA140-10-15		10	840	14				
WGA140-3.4-20			3.4	340	6.5	20	3.7	34CrMo4
WGA140-4-20			4	390	7.3			
WGA140-5-20			5	460	8.3			
WGA140-6-20			6	530	9.4			
WGA140-6.8-20			6.8	575	10			
WGA140-7-20			7	600	10.5			
WGA140-7.4-20			7.4	640	11			

WGA140-8-20		8	690	12						
WGA140-9-20		9	770	13						
WGA140-10-20		10	840	14						
WGA133-3-15	133	3	320	4.7	15	3.0	30CrMo			
WGA133-3.4-15		3.4	355	5.2						
WGA133-3.6-15		3.6	370	5.4						
WGA133-4-15		4	400	5.8						
WGA133-5-15		5	490	6.7						
WGA133-6-15		6	570	7.5						
WGA133-6.7-15		6.7	625	8.1						
WGA133-8-15		8	740	9.4						
WGA133-10-15		10	900	11.1						
WGA108-1.5-15		108	1.5	255		2.7		15	2.6	35CrMo
WGA108-2-15			2	315		3.1				
WGA108-2.5-15	2.5		375	3.5						
WGA108-3-15	3		435	3.9						
WGA108-3.4-15	3.4		485	4.5						
WGA108-4-15	4		555	4.9						
WGA108-4.6-15	4.6		640	5.5						
WGA108-5-15	5		675	5.7						
WGA108-2-15	2		315	3.1						
WGA108-2.5-15	2.5		375	3.6						
WGA108-3-15	3		430	4.1						
WGA108-3.4-15	3.4	485	4.5							
WGA108-4-15	4	545	5							
WGT90-1.2-15	90	1.2	285	1.9	15	2.4	30CrMo			
WGT90-1.5-15		1.5	340	2.3						
WGT90-2.2-15		2.2	465	3.0						

ISO9809-1 Steel Cylinder														
Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight(kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material						
ISO108 (TPED)	108	2.5	375	3.6	200	300	2.8	34CrMo4						
		2.7	395	3.8										
		3	430	4.1										
ISO114	114	2.5	370	4.5			200		300	3.0	34CrMo4			
		3	425	5.1										
ISO140 (TPED)	140	3.4	340	6.5						200		300	3.6	34CrMo4
		4.5	420	7.8										
		4.8	450	8.1										
		5	460	8.8										
		5.5	500	8.3										
		6.8	585	10.2										
		7.5	645	11.3										
		10	840	14										
ISO140 (PED) Convex	140	5	470	8.0	200	300	3.6	34CrMo4						
		5.4	500	8.4										
		6	540	9.0										
		6.7	580	9.7										
		10	850	13										
		10.7	895	13.7										
ISO165 (TPED)	165	7	490	12			200		300	4.3	34CrMo4			
		8	540	13										
		9	595	14										
		10	640	15										
		13.4	830	18.8										
		15	915	20.5										
ISO178	178	10	555	15.9	200	300				30CrMo				
		11	600	17										
ISO178 (TPED)	178	10	555	16.3				200				300	4.6	30CrMo
		11	600	17.5										
		13.4	705	19.9										
		16	810	22.6										
		16.8	870	23.4										
ISO178 (TPED)	178	10	555	15			200		300				34CrMo4	

		11	600	16.2				
		13.4	705	18.5				
		15.7	815	21				
		16	830	21				
ISO203 (TPED)	203	20	810	28	200	300	5.2	34CrMo4
		23	915	31				
		23.6	935	31.5				
		26.6	1045	34.5				
		30	1160	38				
		34	1300	41				
		40	1510	47				
ISO204I (TPED)	204	20	815	28	200	300	5.2	34CrMo4
		23	920	32				
		23.6	940	32.5				
		26.6	1050	36				
		27	1065	36.5				
		30	1165	40				
		33.4	1285	44				
		37	1415	48.4				
		40	1520	52				
ISO219	219	35	1165	42	150	250	5.7	37Mn
		36	1195	43				
		38	1255	46				
		40	1315	48				
		47	1525	55				
ISO229I (TPED)	229	40	1230	55	200	300	6.2	30CrMo
		45	1370	60				
		46	1395	61				
		47	1420	62				
		48	1445	63				
		50	1500	65				
		47	1385	54.4				
		50	1470	56.4				
		46	1395	61.5	230	345	5.2	34CrMo4
		50	1510	65.5				
							6	

Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material			
ISO232 (TPED)	232	20	670	28.5	150	250	5.4	37Mn			
		30	930	37							
		40	1190	46							
		46.7	1360	52							
		47	1370	52							
		50	1450	55							
		52	1515	57							
ISO232I	232	35	1055	45	150	250	5.4	37Mn			
		47	1380	57							
		52	1510	62							
ISO2671 (TPED)	267	60	1350	75	200	300	6.7	30CrMo			
67.5		1500	85								
80		1750	95								
ISO267 (TPED)		267	50	1140			61	200	300	6.6	30CrMo
			60	1340			70				
			67.5	1500			78				
			68	1500			78				
			70	1540			80				
			75	1640			85				
			80	1740			90				
			82.5	1790			93				
ISO267 (TPED)	267	60	1340	70	150	250	6.5	37Mn			
		67.5	1500	78							
		68	1500	78							
		75	1640	85							
		80	1740	90							
		81	1760	91							
		82	1780	92							

ISO9809-2 Steel Cylinder								
Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
EN ISO2291 (TPED)	229	46.3	1410	63	300	450	6.4	34CrMo4
		50	1510	67				

EN1964-1 Steel Cylinder								
Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
EN90 (TPED) convex	90	0.8	225	1.7	144.8(124.1)	217.2(186.2)	2.4	30CrMo
		1.0~1.1	260	1.9				
		1.78~1.92	400	2.6				
		2.0~2.2	435	2.9				
EN108 (TPED)	108	1.62~1.74	263.5	2.8	144.8(138.9)	217.2(208.4)	2.6	
		4.64~5.05	640	5.5				
EN114 (TPED)	114	2.8	400	4.8	200	300	3.2	
		4	540	6.3				
EN140 (TPED)	140	3.5	350	6.6	150	250	3.6	
		4.5	420	7.8				
		4.8	450	8.1				
		5	460	8.3				
		5.4	500	8.6				
		6	530	9.4				
		6.7	575	10.1				
7.5	645	11.2						

Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
EN140 (TPED)	140	8.2	700	12	150	250	3.6	30CrMo
		10	840	14				
		10.2	850	14.2				
EN140 (TPED)	140	3.4	340	6.5	200	300	3.6	34CrMo4
		4.5	420	7.8				
		4.8	450	8.1				
		5	460	8.3				
		5.5	500	8.8				
		6.8	585	10.2				
		7.5	645	11.3				
		10	840	14				
		10.2	850	14.2				
		10.5	880	14.5				
EN140 (TPED) convex	140	5	465	7.4	200 (150)	300 (250)	3.6	34CrMo4
		5.4	495	7.8				
		6	535	8.4				
		6.7	580	9.1				
		10	845	12.7				
		10.7	890	13.3				
EN165 (TPED)	165	7	490	12	230	345	4.6	34CrMo4
		8	540	13				
		9.5	615	14.5				
		10	640	15				
		13.4	830	18.8				
		15	915	20.5				
EN178 (TPED)	178	13.4	695	15.6	150	250	4	34CrMo4
		16	810	17.5				
		16.8	845	18.2				
		18.8	935	19.8				
EN178 (TPED) convex	178	10.7	580	10.5	150	250	4	34CrMo4
		13.4	700	16.3				
		16	815	17.5				
		16.8	850	19.2				
		18.8	940	21				
		20	995	22				
EN178 (TPED)	178	10.8	590	16	138.9	208.4	4	30CrMo
		15.7	815	21				
EN178 (TPED)	178	5	315	8.8	150	250	4	30CrMo
		8	450	11.2				

Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
EN178 (TPED)	178	10	540	12.8	150	250	4	30CrMo
		13.4	695	17.5				
		15	765	16.8				
		16.8	845	18.2				
		18.8	935	19.8				
EN203 (TPED)	203	10.7	485	18	200	300	5.2	34CrMo4
		13.3	580	20.7				
		13.4	585	20.7				
		15	635	22.5				
		16.9	705	24.5				
		19.9	800	27.1				
		20	810	28				
		23.6	935	31.5				
		25	985	33				
		26.6	1045	34.5				
		27	1060	35				
		30	1160	38				
		31.5	1215	39.3				
		35	1340	43				
40	1510	47						
EN204I (TPED)	204	20	815	28	200	300	5.2	34CrMo4
		23	920	32				
		23.6	940	32.5				
		26.6	1050	36				
		27	1065	36.5				
		30	1165	40				
		33.4	1285	44				
		37	1415	48.4				
40	1520	52						
EN204I (TPED)	204	20	820	30	230	345	5.7	34CrMo4
		23	925	34				
		23.6	645	34.5				
		26.6	1055	38				
		27	1070	38.5				
		30	1170	42				
		33.4	1290	46				
		37	1420	50.4				
40	1525	54						

Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material		
EN229 (TPED)	229	40	1215	48	150	250	5.2	30CrMo		
		45	1350	53						
		50	1485	58						
EN267 (TPED)	267	67.5	1500	78			150	250	6.5	37Mn
		68	1500	78						
		75	1640	85						
		80	1740	90						
		81	1760	91						
82	1780	92								

EN1964-2 Steel Cylinder								
Type	Outside diameter (mm)	Water Capacity (L)	Height (mm)	Weight (kg)	Service Pressure (bar)	Test Pressure (bar)	Design wall thickness (mm)	Material
ENISO229I (TPED)	229	46.3	1410	63	300	450	6.4	34CrMo4
		50	1510	67				