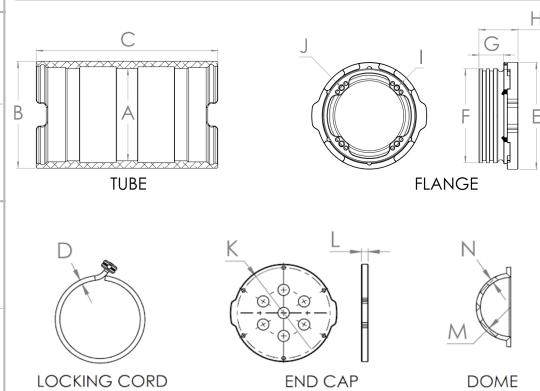
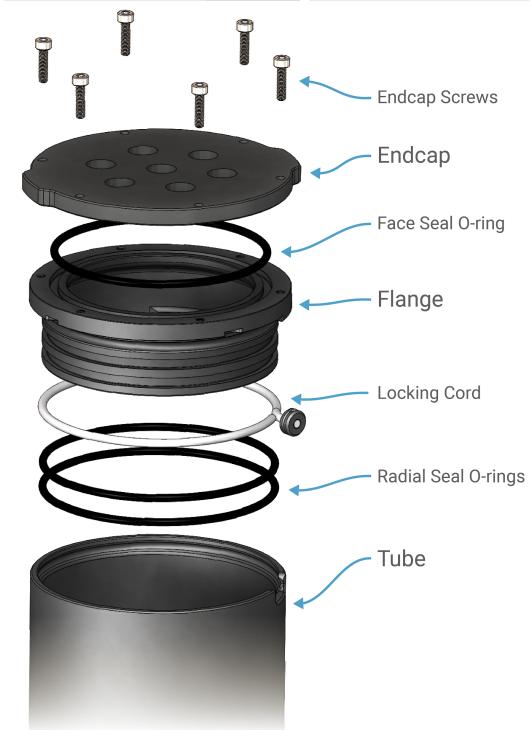


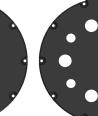
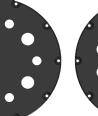
Series Diameter [mm]		Tube Material / Finish	(A) Tube ID [mm]	(B) Tube OD [mm]	(C) Overall Length ¹ [mm]	Weight [g]	Depth Rating ² [msw]	Item Number
	50 (2")	6061-T6 Aluminum, Anodized	$\varnothing 50.0 \pm 0.5$	$\varnothing 58.0 \pm 0.2$	100	169		BR-100534-100
					150	261	1000	BR-100534-150
					300	536		BR-100534-300
		Cast Acrylic	$\varnothing 49.5 \pm 1.5$	$\varnothing 58.0 \pm 1.0$	100	75	225	BR-100230-101
					150	115	130	BR-100230-151
	75 (3")	6061-T6 Aluminum, Anodized	$\varnothing 79.0 \pm 0.5$	$\varnothing 86.5 \pm 0.3$	150	328	1000	BR-100611-150
					240	530	1000	BR-100611-240
					300	665	900	BR-100611-300
		Cast Acrylic	$\varnothing 76.2 \pm 2.0$	$\varnothing 88.9 \pm 0.7$	400	890	750	BR-100611-400
					150	264	275	BR-102649-150
	100 (4")	6061-T6 Aluminum, Anodized	$\varnothing 103.0 \pm 0.5$	$\varnothing 112.0 \pm 0.3$	200	707	1000	BR-100195-200
					300	1066	1000	BR-100195-300
					400	1426	800	BR-100195-400
		Cast Acrylic	$\varnothing 101.6 \pm 2.1$	$\varnothing 114.3 \pm 0.8$	200	488	140	BR-101052-200
	130 (5")	6061-T6 Aluminum, Anodized	$\varnothing 130 \pm 0.5$	$\varnothing 138.7 \pm 0.3$	300	746	100	BR-101052-300
					400	1004	60	BR-101052-400
					300	1450	1000	BR-101409-300
					500	2441	500	BR-101409-500
	150 (6")	6061-T6 Aluminum, Anodized	$\varnothing 150 \pm 0.5$	$\varnothing 163.9 \pm 0.3$	300	2510	1000	BR-101411-300
					500	4360	1000	BR-101411-500
	200 (8")	6061-T6 Aluminum, Anodized	$\varnothing 200 \pm 0.5$	$\varnothing 214.2 \pm 0.3$	300	3420	1000	BR-101412-300
					500	5915	1000	BR-101412-500



Series Diameter [mm]	Face Seal O-ring	Radial Seal O-ring	Material / Finish	(D) Locking Cord Diameter [mm]	(E) Flange OD [mm]	(F) Piston Diameter [mm]	(G) Piston Length [mm]	(H) Overall Length [mm]	(I) Inner Mounting Holes	(J) Inner Mounting Hole Circle	Weight [g]	Item Number
 50 (2")	-030 Buna-N 70A	-030 Buna-N 70A	6061-T6 Aluminum, Anodized	058.0 ± 0.1	$\varnothing 50.95 \pm 0.05$	15.5 ± 0.1	21.5 ± 0.1	4x M3x0.5	043.0 ± 0.1	41	BR-100628-998	
 75 (3")	-148 Buna-N 70A	-150 Buna-N 70A		088.9 ± 0.1	$\varnothing 79.95 \pm 0.05$	068.6 ± 0.1	81		BR-100647			
 100 (4")	-154 Buna-N 70A	-154 Buna-N 70A		0114.3 ± 0.1	$\varnothing 103.95 \pm 0.05$	094.0 ± 0.1	107		BR-100665			
 130 (5")	-157 Buna-N 70A	-248 Buna-N 70A		0137.7 ± 0.1	$\varnothing 130.45 \pm 0.05$	28.0 ± 0.1	34.0 ± 0.1	8x M3x0.5	0115.0 ± 0.1	238	BR-102200	
 150 (6")	-162 Buna-N 70A	-255 Buna-N 70A		0165.4 ± 0.1	$\varnothing 165.45 \pm 0.05$	30.0 ± 0.1	36.0 ± 0.1		0142.0 ± 0.1	308	BR-102201	
 200 (8")	-170 Buna-N 70A	-265 Buna-N 70A		0215.7 ± 0.1	$\varnothing 205.95 \pm 0.05$	36.0 ± 0.1	42.0 ± 0.1		0186.0 ± 0.1	540	BR-102202	

Watertight Enclosures (WTE) Technical Specifications

Datasheet Rev C.2 (Jan-2025)

Series Diameter [mm]	Material	Hole Configuration	Endcap Screws (SS316 Socket Head Cap Screws)	(K) Endcap Screw Hole Circle	(L) Thickness [mm]	Weight [g]	Depth Rating ² [msw]	Item Number
Warning: Images not to scale     	50 (2") Cast Acrylic 6061-T6 Aluminum, Anodized	Blank (No holes)	6x M2x0.4-10	Ø50.8 ± 0.1	6 4.85 min 6.63 max	17	500	BR-100094
		Blank (No holes)				63		BR-100276-999
		2x M10 Hole				59		BR-100276-002
		4x M10x1.5 Threaded				58	1000	BR-100276-004
		1x M10 Hole 8x M6x1 Threaded				60		BR-100276-009
		Blank (No holes)	6x M3x0.5-12	Ø82.6 ± 0.1	9 7.47 min 9.75 max	58	400	BR-100949-998
   	75 (3") Cast Acrylic 6061-T6 Aluminum, Anodized	Blank (No holes)			10 6 ± 0.1	102		BR-100949-999
		Blank (No holes)				97	1000	BR-100949-004
		4x M10 Hole				93		BR-100949-007
		7x M10 Hole						
		Blank (No holes)	6x M3x0.5-16	6x M3x0.5-12	12.7 10.20 min 12.75 max	135	300	BR-102993-998
		Blank (No holes)			234		BR-102993-999	
   	100 (4") Cast Acrylic 6061-T6 Aluminum, Anodized	5x M10 Hole			223		BR-102993-005	
		10x M10 Hole			212		BR-102993-002	
		7x M10 Hole			196		BR-102993-003	
		11x M10x1.5 Threaded			215	1000	BR-102993-004	
		4x M14 Hole 1x M10 Hole			195		BR-102993-006	
		8x M14 Hole 2x M10 Hole			186		BR-102993-007	
		8x M14x1.5 Threaded 5x M10 Hole 2x M10x1.5 Threaded						
		Blank (No holes)	10x M3x0.5-12	Ø108.0 ± 0.1	12.7 10.20 min 12.75 max	135	300	BR-102993-998
		Blank (No holes)				234		BR-102993-999
		5x M10 Hole				223		BR-102993-005
		10x M10 Hole 7x M10 Hole				212		BR-102993-002
   	130 (5") 7075-T6 Aluminum, Anodized	11x M10 Hole				196		BR-102993-003
		15x M10x1.5 Threaded				215	1000	BR-102993-004
		Blank (No holes)				195		BR-102993-006
		15x M10 Hole 15x M10x1.5 Threaded				186		BR-102993-007
		Blank (No holes)	10x M3x0.5-12	Ø133.0 ± 0.1	12.7 10.20 min 12.75 max	135	300	BR-102203-001
   	150 (6") Cast Acrylic 6061-T6 Aluminum, Anodized 7075-T6 Aluminum, Anodized	5x M14 Hole 5x M10 Hole				393		BR-102203-002
		10x M14 Hole 7x M10 Hole				367	1000	BR-102203-003
		11x M10 Hole 15x M10x1.5 Threaded				369		BR-102203-004
		Blank (No holes)				427		BR-102203-001
		Blank (No holes)	10x M3x0.5-12	Ø158.7 ± 0.1	12.7 10.20 min 12.75 max	331	150	BR-100273-004
		5x M10 Hole				359		BR-100273-003
		15x M10 Hole				353	150	BR-100273-002
		Blank (No holes)				339		BR-100273-001
   	200 (8") Cast Acrylic 6061-T6 Aluminum, Anodized 7075-T6 Aluminum, Anodized	Blank (No holes)	12x M3x0.5-12	Ø133.0 ± 0.1	12.7 10.20 min 12.75 max	687	1000	BR-102205-001
		5x M10 Hole 5x M14 Hole				647	1000	BR-102205-002
		16x M14 Hole 13x M10 Hole				566	1000	BR-102205-003
		Blank (No holes)				667		BR-102205-001
		Blank (No holes)	12x M3x0.5-12	Ø209.1 ± 0.1	12.7 10.20 min 12.75 max	599		BR-101065-002
		5x M10 Hole				592	75	BR-101065-001
		5x M14 Hole 5x M10 Hole				1458		BR-102206-001
   	Domes 50 (2") 75 (3") 100 (4") 130 (5") Hardened Polycarbonate Dome, Polycarbonate Retaining Ring	Blank (No holes)	12x M3x0.5-12	Ø209.1 ± 0.1	12.7 10.20 min 12.75 max	1370		BR-102206-002
		Blank (No holes)				1283	1000	BR-102206-003
		16x M14 Hole 14x M10 Hole				1191		BR-102206-004

Series Diameter [mm]	Material	(M) Dome Internal Radius [mm]	(N) Dome Wall Thickness [mm]	Weight [g]	Depth Rating [msw]	Item Number
50 (2")		18.0 ± 0.1	2.50 ± 0.10	15	1000	BR-100859
75 (3")		31.25 ± 0.10	3.1 ± 0.1	39	750	BR-101059
100 (4")		43.5 ± 0.1	3.75 ± 0.10	81	500	BR-100495
130 (5")		53.5 ± 0.05	7.00 ± 0.05	195	600	BR-102597



¹ Overall tube length tolerance ± 0.5 mm

² The depth ratings for cast acrylic components are applicable only for short-term submersions of less than two weeks. For longer submersion, use aluminum components only.