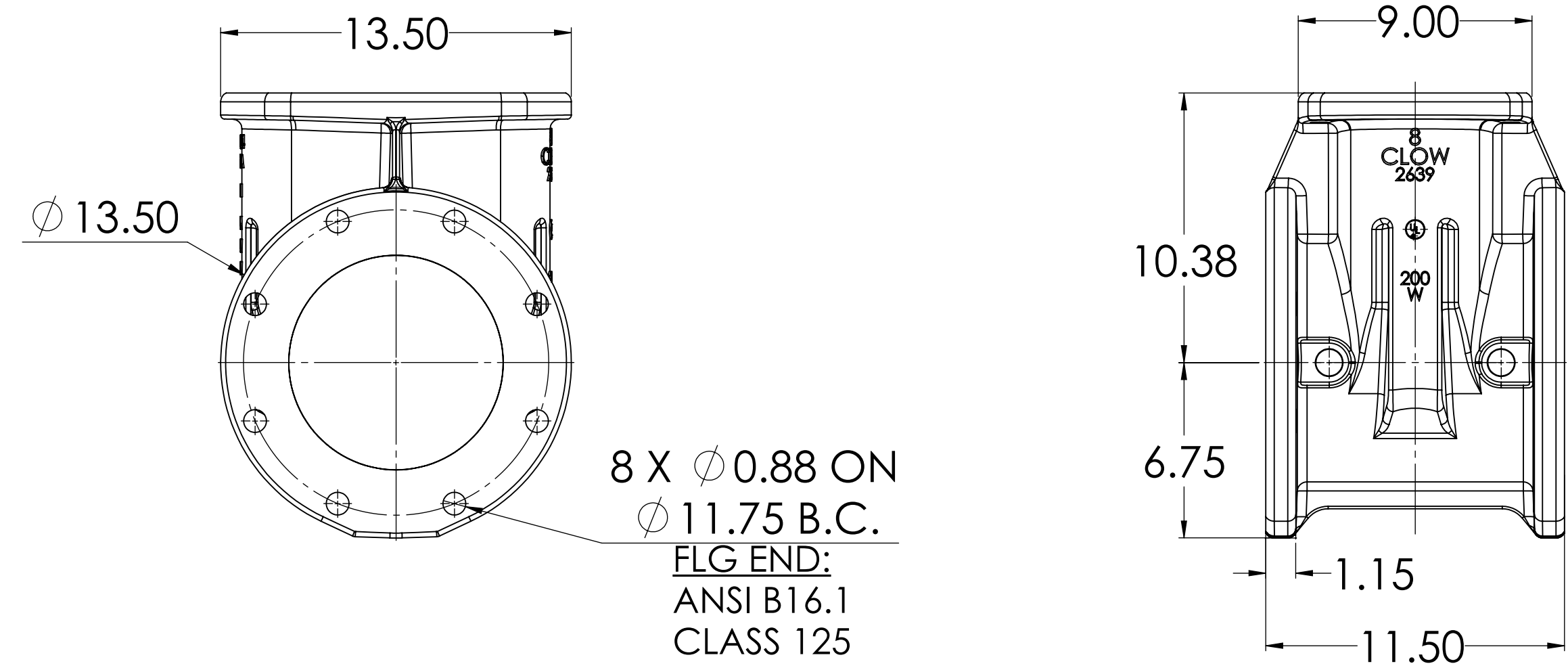
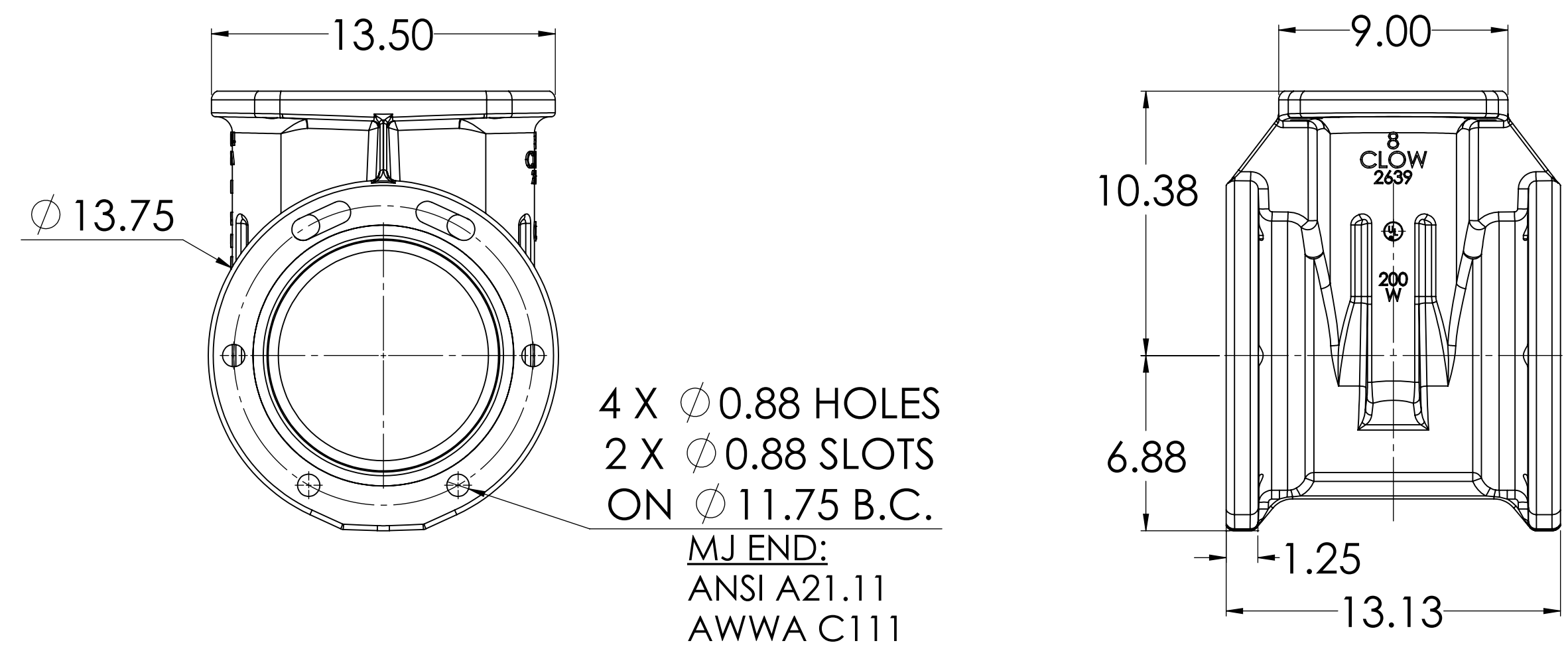


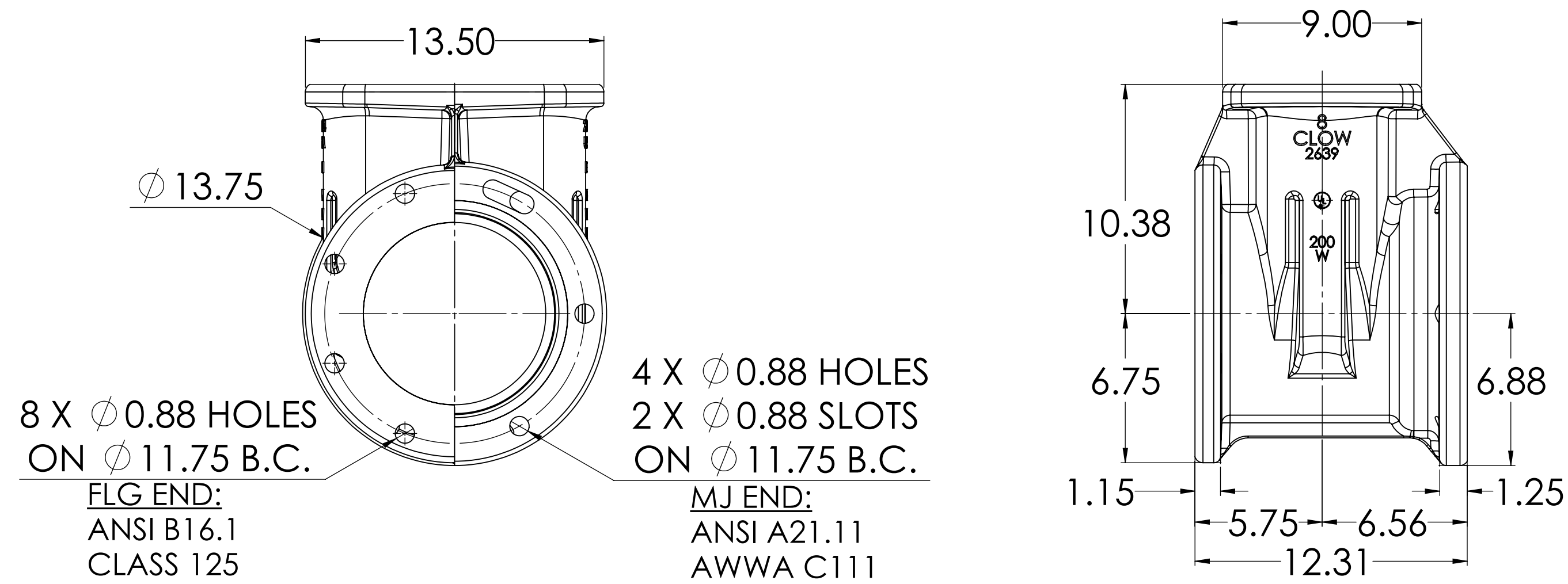
08" C509 FLG X FLG



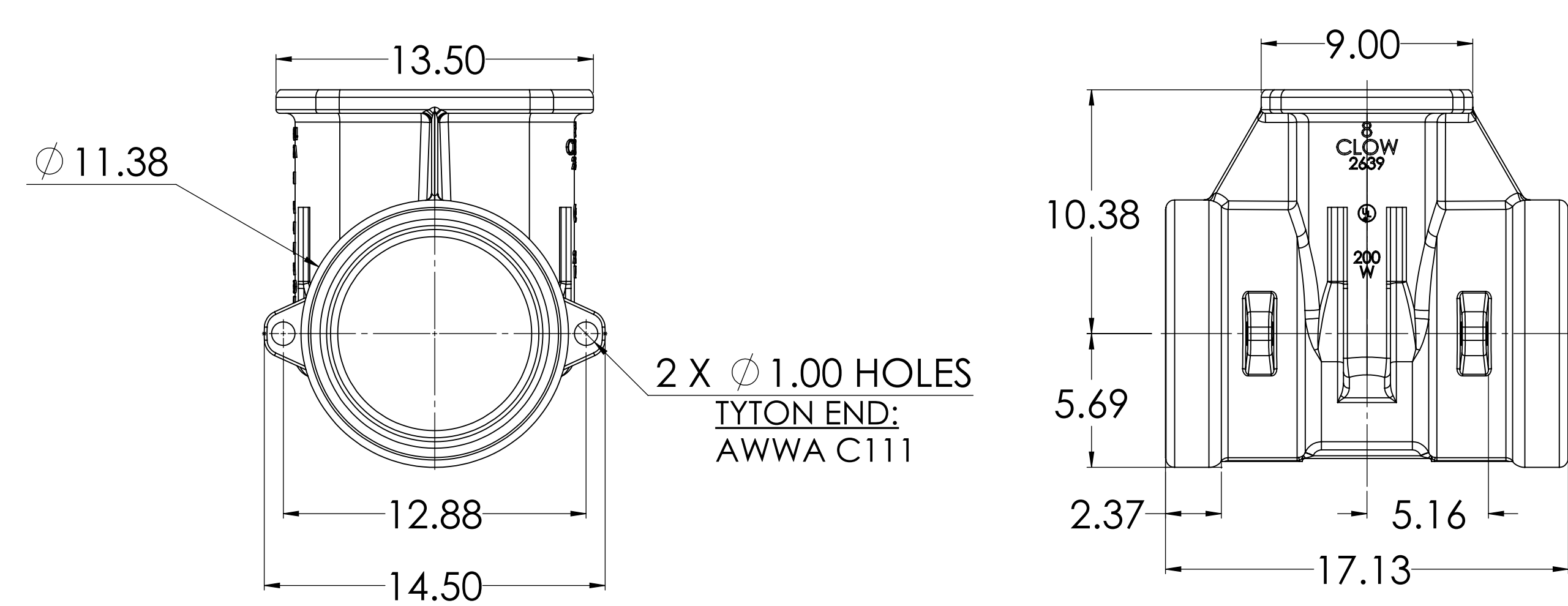
08" C509 MJ X MJ



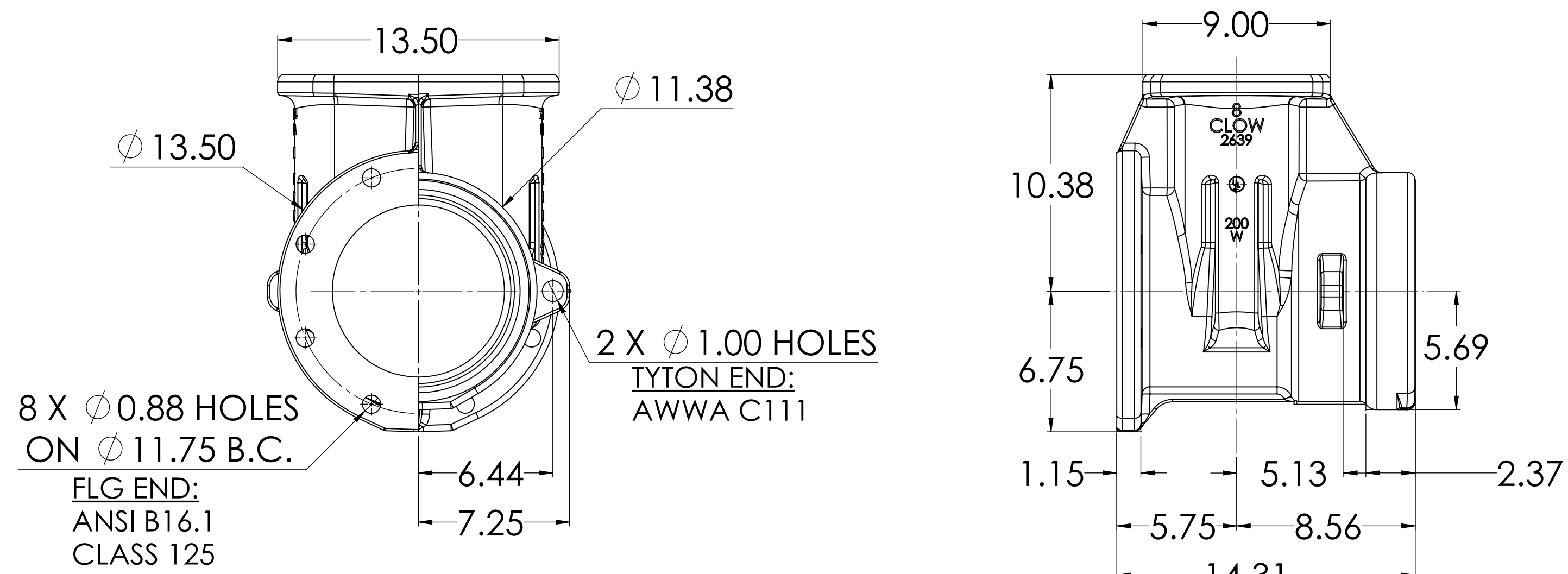
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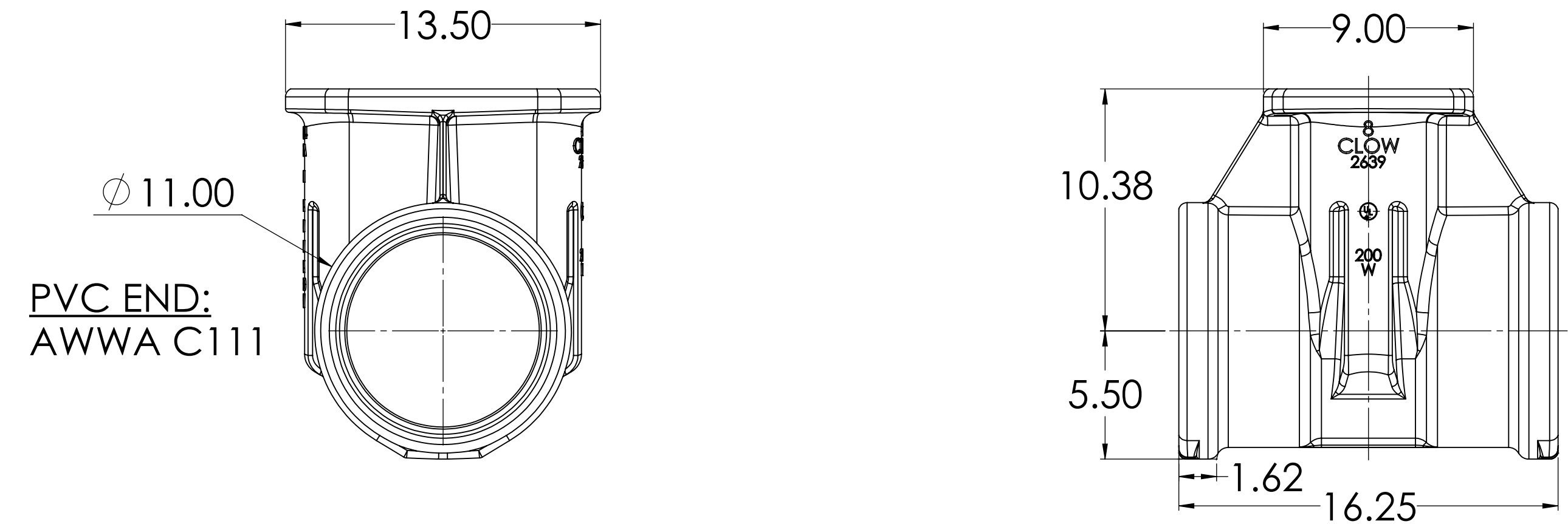
08" C509 TYTON X TYTON



08" C509 FLG X TYTON

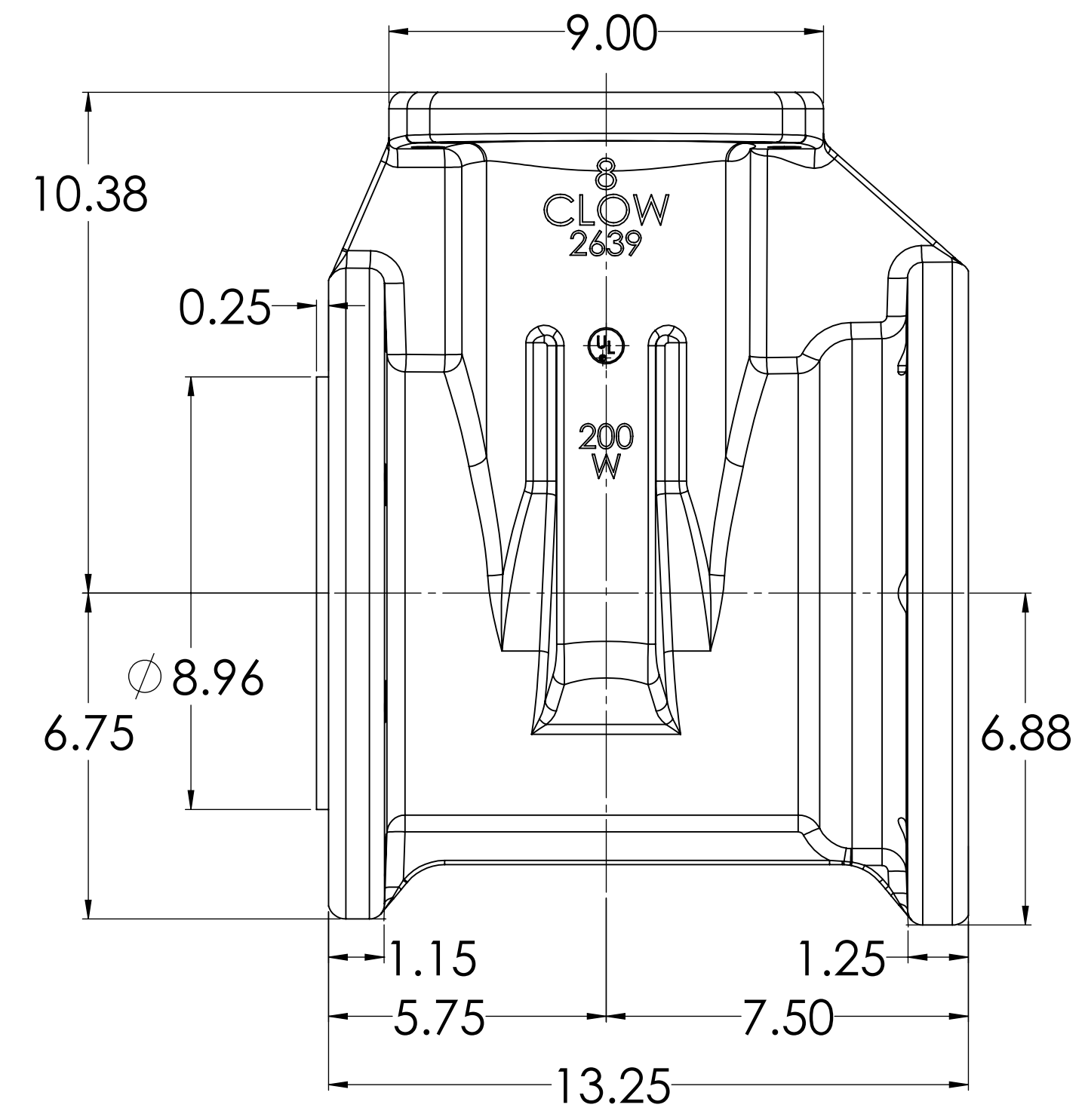
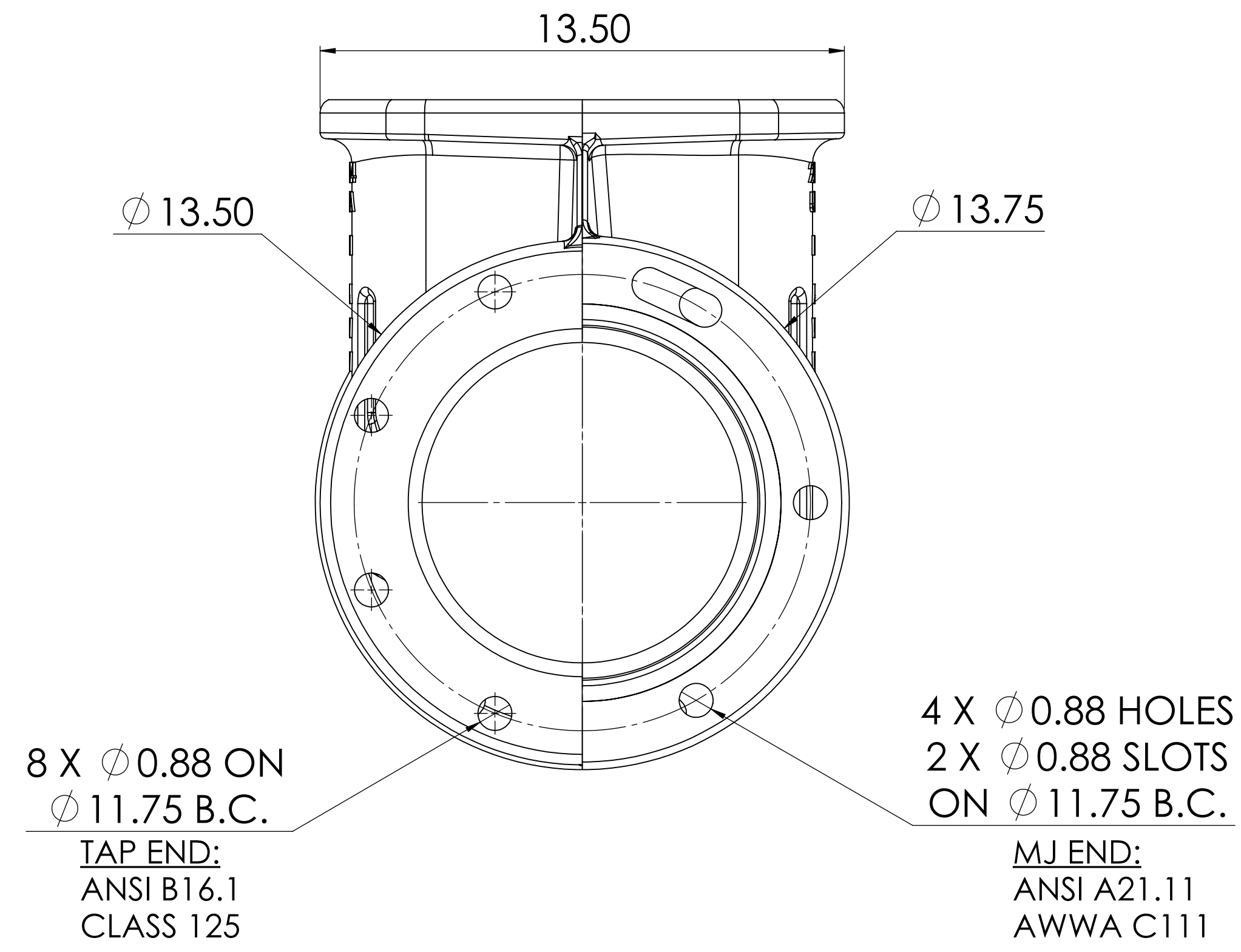


08" C509 PVC X PVC



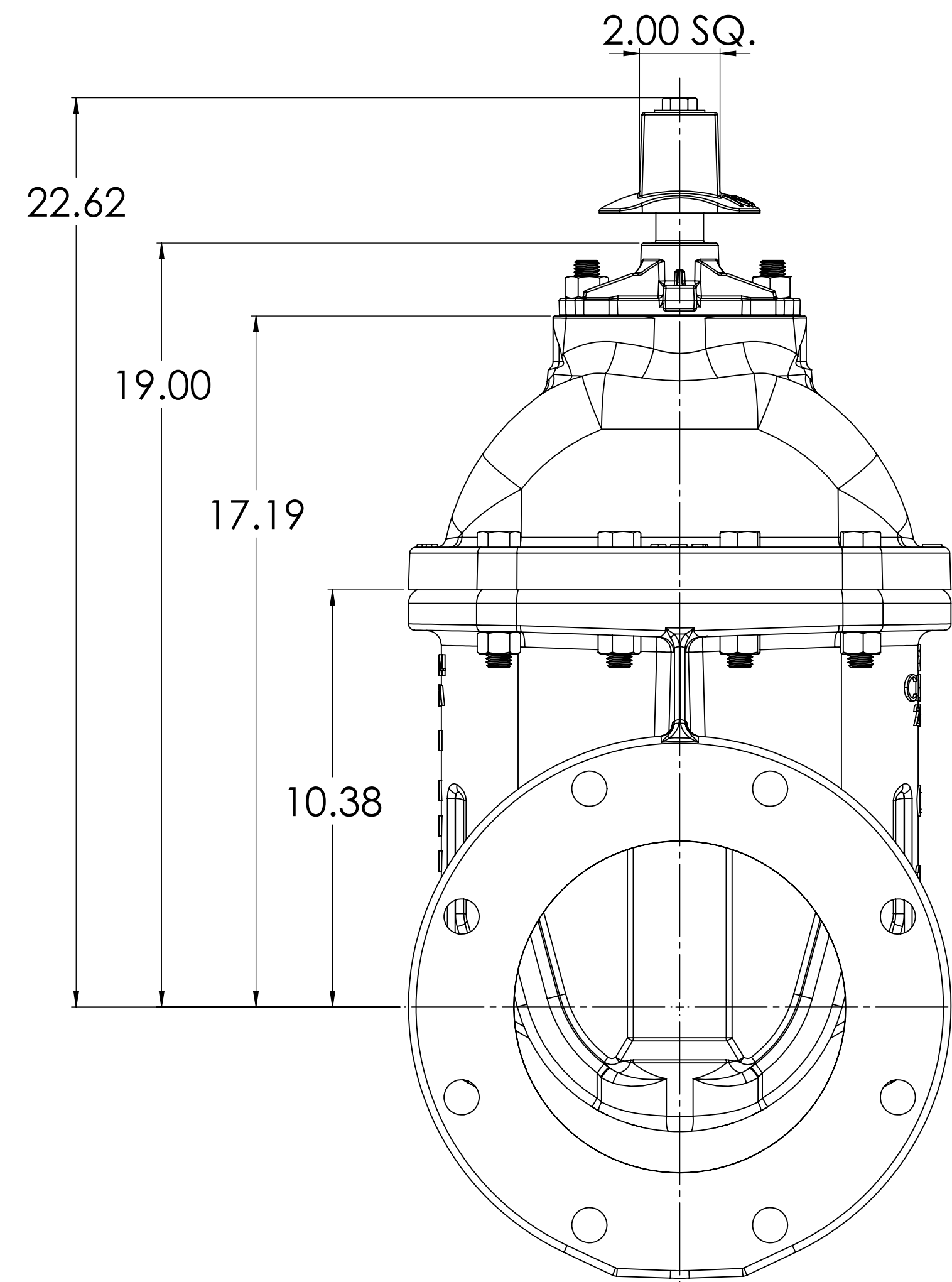
STANDARDS: ANSI/AWWA C111, C115, C118, C120, C122, C124, C125, C126, C128, C130, C132, C134, C136, C138, C140, C142, C144, C146, C148, C150, C152, C154, C156, C158, C160, C162, C164, C166, C168, C170, C172, C174, C176, C178, C180, C182, C184, C186, C188, C190, C192, C194, C196, C198, C200, C202, C204, C206, C208, C210, C212, C214, C216, C218, C220, C222, C224, C226, C228, C230, C232, C234, C236, C238, C240, C242, C244, C246, C248, C250, C252, C254, C256, C258, C260, C262, C264, C266, C268, C270, C272, C274, C276, C278, C280, C282, C284, C286, C288, C290, C292, C294, C296, C298, C300, C302, C304, C306, C308, C310, C312, C314, C316, C318, C320, C322, C324, C326, C328, C330, C332, C334, C336, C338, C340, C342, C344, C346, C348, C350, C352, C354, C356, C358, C360, C362, C364, C366, C368, C370, C372, C374, C376, C378, C380, C382, C384, C386, C388, C390, C392, C394, C396, C398, C400, C402, C404, C406, C408, C410, C412, C414, C416, C418, C420, C422, C424, C426, C428, C430, C432, C434, C436, C438, C440, C442, C444, C446, C448, C450, C452, C454, C456, C458, C460, C462, C464, C466, C468, C470, C472, C474, C476, C478, C480, C482, C484, C486, C488, C490, C492, C494, C496, C498, C500, C502, C504, C506, C508, C510, C512, C514, C516, C518, C520, C522, C524, C526, C528, C530, C532, C534, C536, C538, C540, C542, C544, C546, C548, C550, C552, C554, C556, C558, C560, C562, C564, C566, C568, C570, C572, C574, C576, C578, C580, C582, C584, C586, C588, C590, C592, C594, C596, C598, C600, C602, C604, C606, C608, C610, C612, C614, C616, C618, C620, C622, C624, C626, C628, C630, C632, C634, C636, C638, C640, C642, C644, C646, C648, C650, C652, C654, C656, C658, C660, C662, C664, C666, C668, C670, C672, C674, C676, C678, C680, C682, C684, C686, C688, C690, C692, C694, C696, C698, C700, C702, C704, C706, C708, C710, C712, C714, C716, C718, C720, C722, C724, C726, C728, C730, C732, C734, C736, C738, C740, C742, C744, C746, C748, C750, C752, C754, C756, C758, C760, C762, C764, C766, C768, C770, C772, C774, C776, C778, C780, C782, C784, C786, C788, C790, C792, C794, C796, C798, C800, C802, C804, C806, C808, C810, C812, C814, C816, C818, C820, C822, C824, C826, C828, C830, C832, C834, C836, C838, C840, C842, C844, C846, C848, C850, C852, C854, C856, C858, C860, C862, C864, C866, C868, C870, C872, C874, C876, C878, C880, C882, C884, C886, C888, C890, C892, C894, C896, C898, C900, C902, C904, C906, C908, C910, C912, C914, C916, C918, C920, C922, C924, C926, C928, C930, C932, C934, C936, C938, C940, C942, C944, C946, C948, C950, C952, C954, C956, C958, C960, C962, C964, C966, C968, C970, C972, C974, C976, C978, C980, C982, C984, C986, C988, C990, C992, C994, C996, C998, C1000		PROPERTY OF MCWANE CORPORATION. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF MCWANE CORPORATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCWANE CORPORATION. ALL RIGHTS RESERVED.		DESCRIPTION: 08" C509 NRS RESILIENT WEDGE GATE VALVE	CLW VALVE CO.
Casting Tolerances: 4-6": ± 0.005, 6-8": ± 0.004, 8-12": ± 0.003, 12-18": ± 0.002, 18-UP": ± 0.001		Machined Dimensions: DECIMALS: ± 0.005, FRACTIONS: ± 1/16", ANGLE: ± 30', SURFACE FINISH: 125 μin, RADE: 1/8", MIN. RADIUS: 1/8", MIN. DRIFT: 2"		ESTIMATED WEIGHT: LBS.	1 SHEET OF 6
DATE: 12/2/2020	BY: CW	CHECKED: []	SCALE: 1:5	SOLIDWORKS: Solidworks 2018 SP2	D

08" C509 MJ X TAP

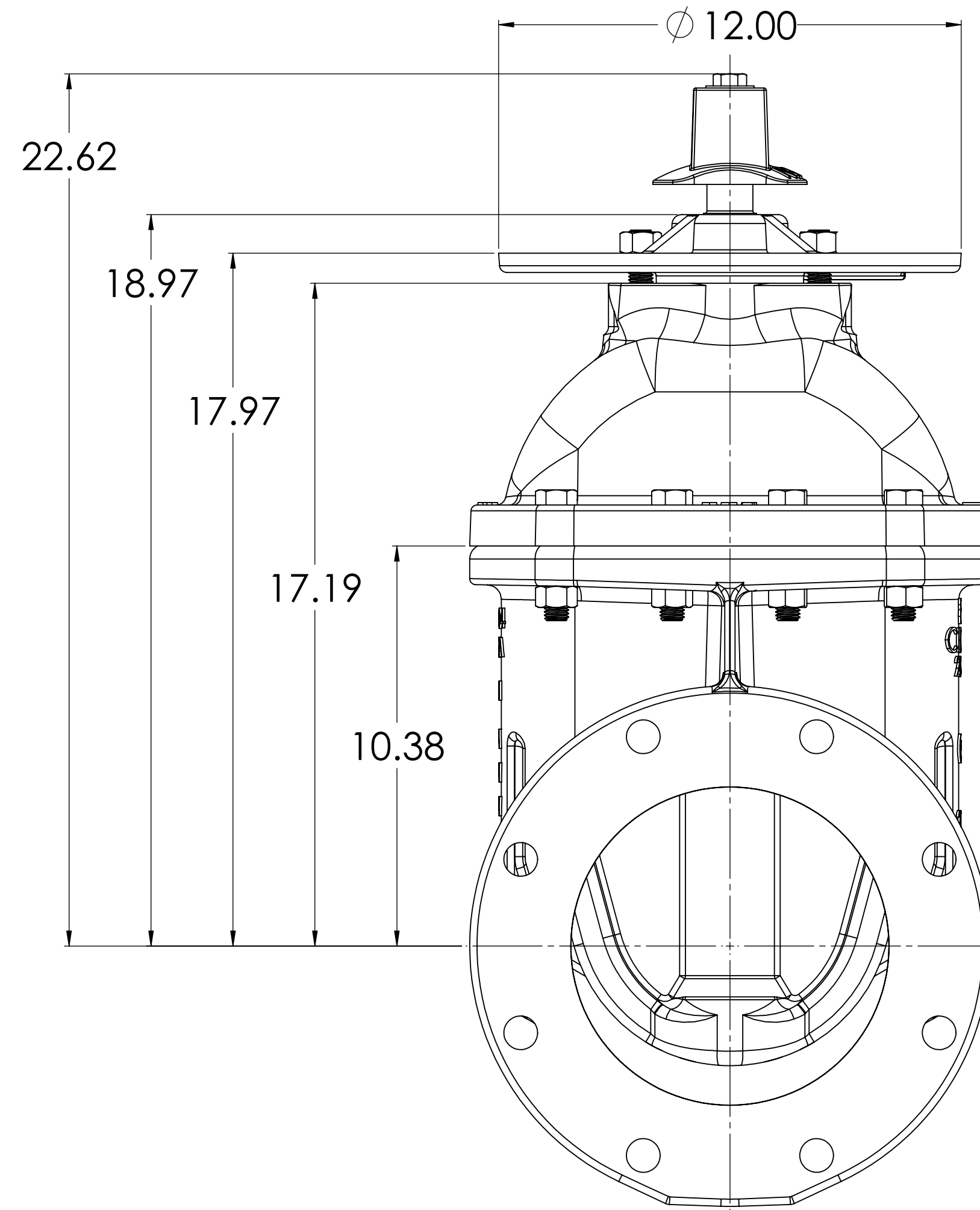


STANDARDS: ANSI/AWWA C111, C115, C116, AND C117.41 TOLERANCES: AS FOLLOWS UNLESS OTHERWISE SPECIFIED.		PROPERTY OF MCWANE CORPORATION. ALL DIMENSIONS AND IDENTIFICATION ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. REPRODUCTION OR USE WITHOUT PERMISSION IS PROHIBITED. OTHERWISE ARRANGED: ALL RIGHTS RESERVED.		DATE: 12/2/2020	DRAWN BY: CW	CHECKED BY:	SCALE: 1:5	SHEET NO: 2	TOTAL SHEETS: 6
CASTING TOLERANCES:		MATCHED DIMENSIONS:		MATERIAL:		DESCRIPTION: 08" C509 NRS RESILIENT WEDGE GATE VALVE			
Ø 4": ± 0.005	Ø 6": ± 0.005	Ø 8": ± 0.005	Ø 10": ± 0.005	ESTIMATED WEIGHT: LBS.		SHEET OF: 2 OF 6			
Ø 12": ± 0.005	Ø 14": ± 0.005	Ø 16": ± 0.005	Ø 18": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 20": ± 0.005	Ø 22": ± 0.005	Ø 24": ± 0.005	Ø 26": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 28": ± 0.005	Ø 30": ± 0.005	Ø 32": ± 0.005	Ø 34": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 36": ± 0.005	Ø 38": ± 0.005	Ø 40": ± 0.005	Ø 42": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
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Ø 52": ± 0.005	Ø 54": ± 0.005	Ø 56": ± 0.005	Ø 58": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
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Ø 68": ± 0.005	Ø 70": ± 0.005	Ø 72": ± 0.005	Ø 74": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 76": ± 0.005	Ø 78": ± 0.005	Ø 80": ± 0.005	Ø 82": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 84": ± 0.005	Ø 86": ± 0.005	Ø 88": ± 0.005	Ø 90": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 92": ± 0.005	Ø 94": ± 0.005	Ø 96": ± 0.005	Ø 98": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 100": ± 0.005	Ø 102": ± 0.005	Ø 104": ± 0.005	Ø 106": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 108": ± 0.005	Ø 110": ± 0.005	Ø 112": ± 0.005	Ø 114": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 188": ± 0.005	Ø 190": ± 0.005	Ø 192": ± 0.005	Ø 194": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 204": ± 0.005	Ø 206": ± 0.005	Ø 208": ± 0.005	Ø 210": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 212": ± 0.005	Ø 214": ± 0.005	Ø 216": ± 0.005	Ø 218": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 220": ± 0.005	Ø 222": ± 0.005	Ø 224": ± 0.005	Ø 226": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 244": ± 0.005	Ø 246": ± 0.005	Ø 248": ± 0.005	Ø 250": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
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Ø 268": ± 0.005	Ø 270": ± 0.005	Ø 272": ± 0.005	Ø 274": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 284": ± 0.005	Ø 286": ± 0.005	Ø 288": ± 0.005	Ø 290": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 300": ± 0.005	Ø 302": ± 0.005	Ø 304": ± 0.005	Ø 306": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 372": ± 0.005	Ø 374": ± 0.005	Ø 376": ± 0.005	Ø 378": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 380": ± 0.005	Ø 382": ± 0.005	Ø 384": ± 0.005	Ø 386": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 436": ± 0.005	Ø 438": ± 0.005	Ø 440": ± 0.005	Ø 442": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 444": ± 0.005	Ø 446": ± 0.005	Ø 448": ± 0.005	Ø 450": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 452": ± 0.005	Ø 454": ± 0.005	Ø 456": ± 0.005	Ø 458": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 460": ± 0.005	Ø 462": ± 0.005	Ø 464": ± 0.005	Ø 466": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 484": ± 0.005	Ø 486": ± 0.005	Ø 488": ± 0.005	Ø 490": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
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Ø 588": ± 0.005	Ø 590": ± 0.005	Ø 592": ± 0.005	Ø 594": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 596": ± 0.005	Ø 598": ± 0.005	Ø 600": ± 0.005	Ø 602": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
Ø 604": ± 0.005	Ø 606": ± 0.005	Ø 608": ± 0.005	Ø 610": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
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Ø 668": ± 0.005	Ø 670": ± 0.005	Ø 672": ± 0.005	Ø 674": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	
Ø 676": ± 0.005	Ø 678": ± 0.005	Ø 680": ± 0.005	Ø 682": ± 0.005	DRAWN BY: CW		CHECKED BY:		SCALE: 1:5	
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Ø 700": ± 0.005	Ø 702": ± 0.005	Ø 704": ± 0.005	Ø 706": ± 0.005	DATE: 12/2/2020		SHEET NO: 2		TOTAL SHEETS: 6	

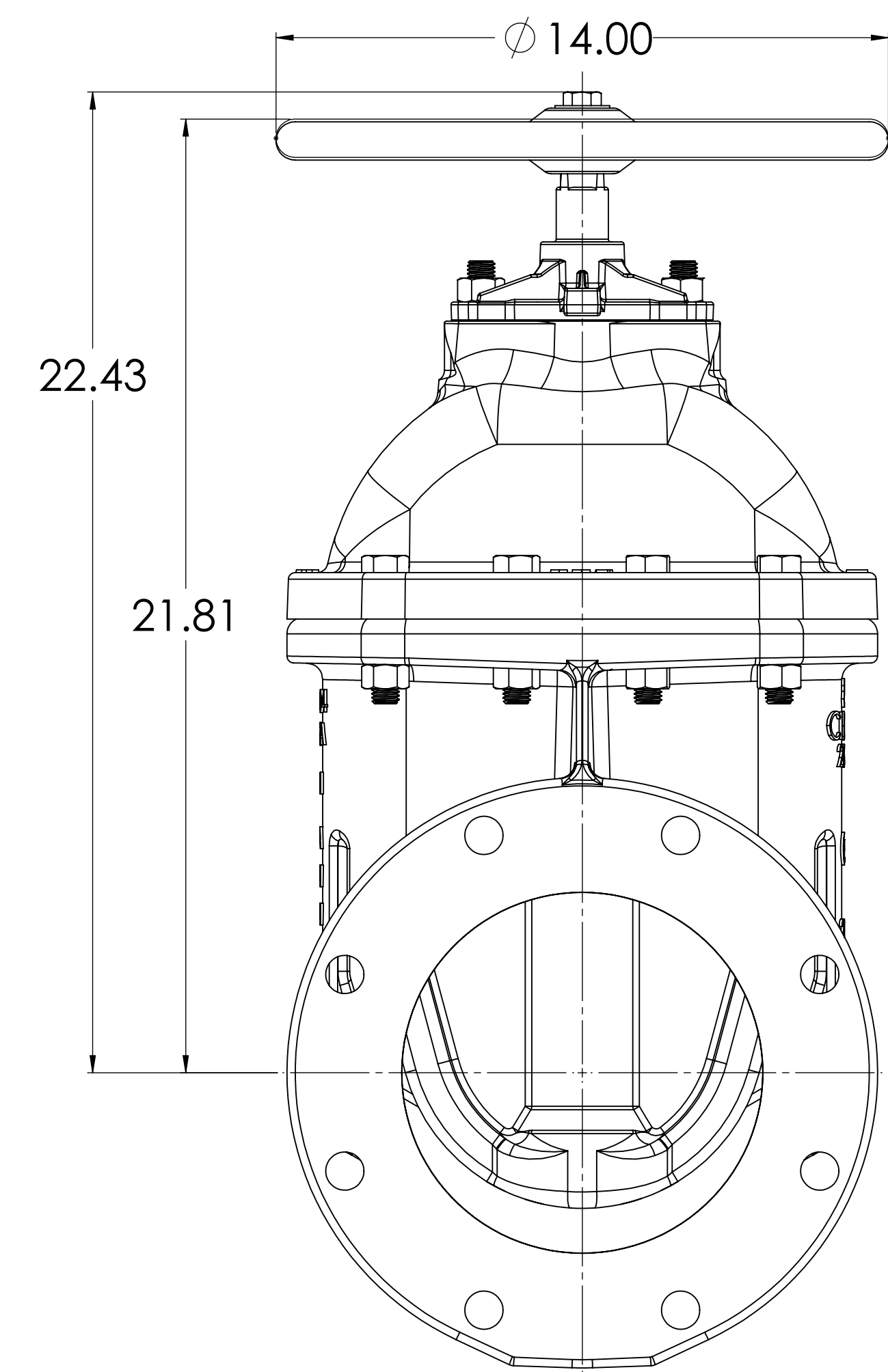
OPERATING NUT WITH
O-RING PLATE



OPERATING NUT WITH
INDICATOR POST PLATE

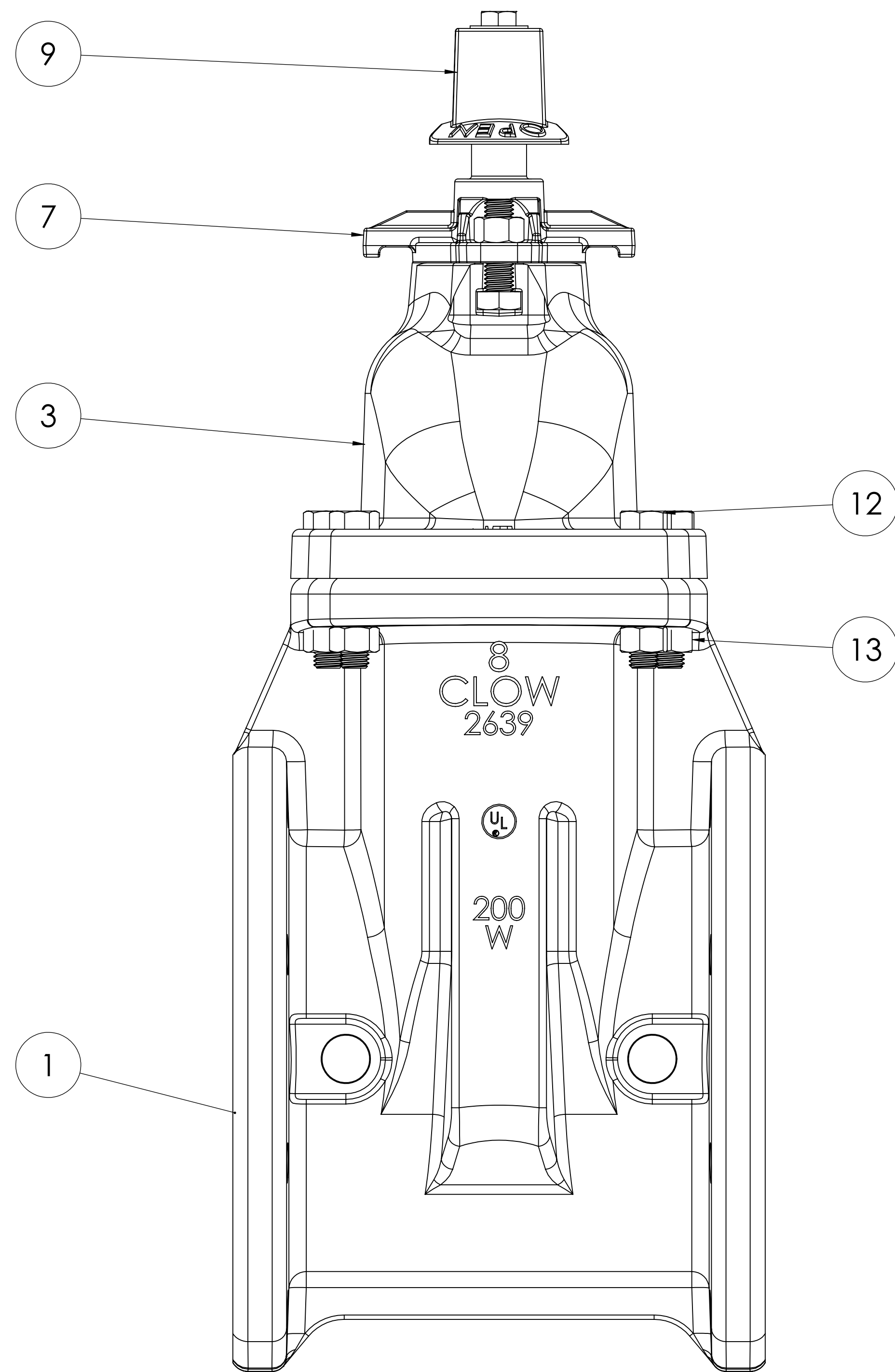
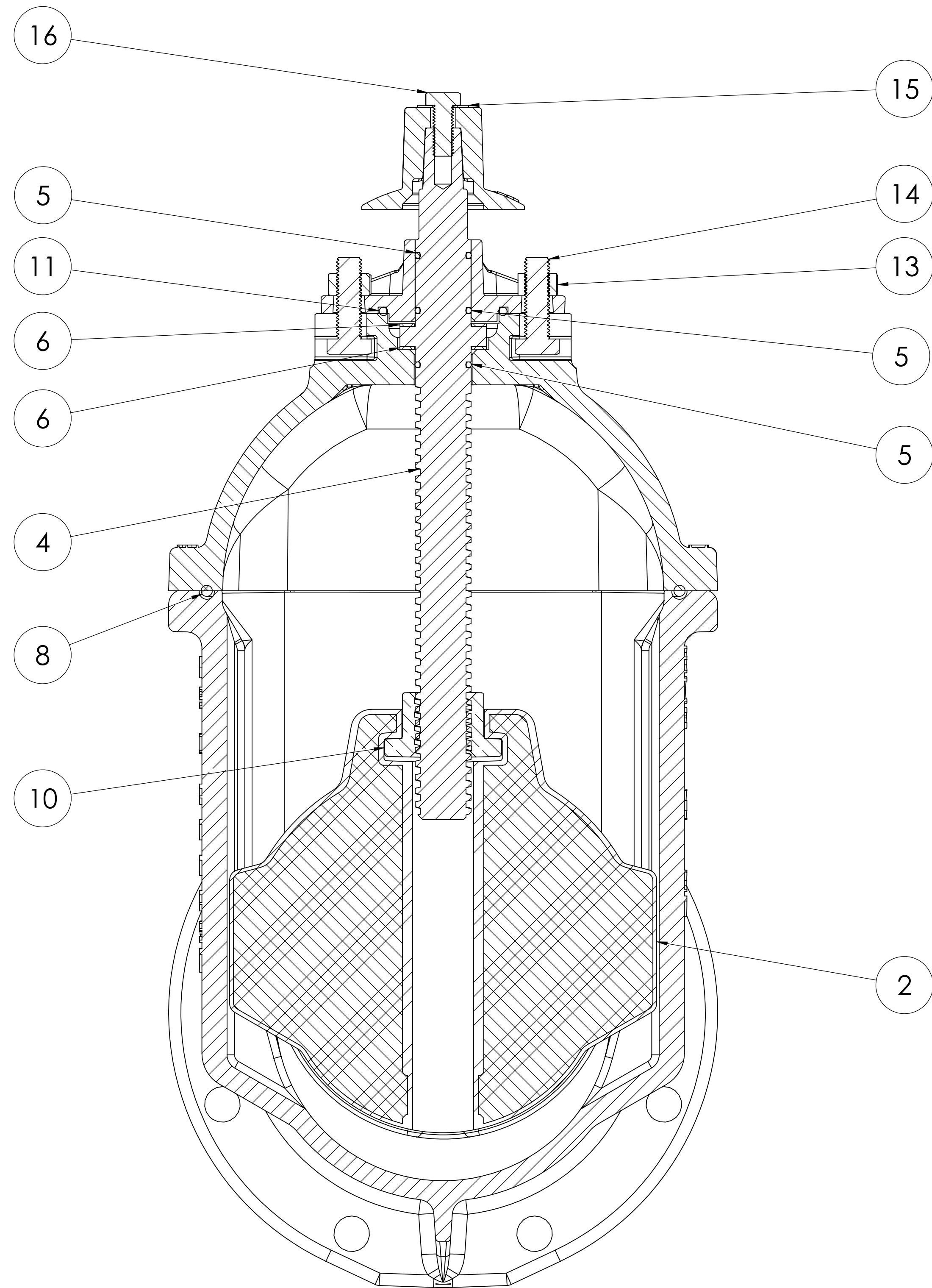


HANDWHEEL WITH
O-RING PLATE



THIRD ANGLE PROJECTION STANDARDS: ANSI/ASME Y14.100, Y14.101 AND Y14.41 TOLERANCES AS FOLLOWS UNLESS OTHERWISE SPECIFIED.		PROPERTY OF MCWANE CORPORATION. ALL DIMENSIONS AND DIMENSIONAL TOLERANCES ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. REPRODUCTION OR USE WITHOUT PERMISSION OF MCWANE CORPORATION IS PROHIBITED. OTHERWISE ARRANGED: ALL RIGHTS RESERVED.		DESCRIPTION C
CASTING TOLERANCES		MACHINED DIMENSIONS		ESTIMATED WEIGHT LBS.
0.4": 0.8": 1.0": 1.5": 2.0":	± 0.005 ± 0.004 ± 0.003 ± 0.002 ± 0.001	DECIMALS: FRACTIONS: ANGLE: SURFACE FINISH: RADIUS:	± 0.005 ± 1/64 ± 1° 100 μin 1/8"	
DATE: 12/2/2020	DRAWN BY: CW	CHECKED BY:	SCALE: 1:5	DESCRIPTION 08" C509 NRS RESILIENT WEDGE GATE VALVE
SHEET NO. 3				OF 6

CLW
VALVE CO.
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STANDARDS AND DIMENSIONS: AS FOLLOWS UNLESS OTHERWISE SPECIFIED.		PROPERTY OF MCWANE CORPORATION. ALL RIGHTS AND RESERVE DESIGNATION ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. DISTRIBUTION RESTRICTED TO PURCHASERS OF THIS PRODUCT UNLESS OTHERWISE ARRANGED. ALL RIGHTS RESERVED.		DATE: 12/2/2020	DRAWN BY: CW	CHECKED BY:	SCALE: 1:5	SHEET NO. 6	TOTAL SHEETS 6
CASTING TOLERANCES:		MACHINED DIMENSIONS:		MATERIAL:		ESTIMATED WEIGHT:		DESCRIPTION:	
0.4":	± 0.005	0.4":	± 0.005	C		LBS.		08" C509 NRS RESILIENT WEDGE GATE VALVE	
0.8":	± 0.005	0.8":	± 0.005						
1.2":	± 0.005	1.2":	± 0.005						
1.6":	± 0.005	1.6":	± 0.005						
2.0":	± 0.005	2.0":	± 0.005						
2.4":	± 0.005	2.4":	± 0.005						
2.8":	± 0.005	2.8":	± 0.005						
3.2":	± 0.005	3.2":	± 0.005						
3.6":	± 0.005	3.6":	± 0.005						
4.0":	± 0.005	4.0":	± 0.005						
4.4":	± 0.005	4.4":	± 0.005						
4.8":	± 0.005	4.8":	± 0.005						
5.2":	± 0.005	5.2":	± 0.005						
5.6":	± 0.005	5.6":	± 0.005						
6.0":	± 0.005	6.0":	± 0.005						
6.4":	± 0.005	6.4":	± 0.005						
6.8":	± 0.005	6.8":	± 0.005						
7.2":	± 0.005	7.2":	± 0.005						
7.6":	± 0.005	7.6":	± 0.005						
8.0":	± 0.005	8.0":	± 0.005						
8.4":	± 0.005	8.4":	± 0.005						
8.8":	± 0.005	8.8":	± 0.005						
9.2":	± 0.005	9.2":	± 0.005						
9.6":	± 0.005	9.6":	± 0.005						
10.0":	± 0.005	10.0":	± 0.005						
10.4":	± 0.005	10.4":	± 0.005						
10.8":	± 0.005	10.8":	± 0.005						
11.2":	± 0.005	11.2":	± 0.005						
11.6":	± 0.005	11.6":	± 0.005						
12.0":	± 0.005	12.0":	± 0.005						
12.4":	± 0.005	12.4":	± 0.005						
12.8":	± 0.005	12.8":	± 0.005						
13.2":	± 0.005	13.2":	± 0.005						
13.6":	± 0.005	13.6":	± 0.005						
14.0":	± 0.005	14.0":	± 0.005						
14.4":	± 0.005	14.4":	± 0.005						
14.8":	± 0.005	14.8":	± 0.005						
15.2":	± 0.005	15.2":	± 0.005						
15.6":	± 0.005	15.6":	± 0.005						
16.0":	± 0.005	16.0":	± 0.005						
16.4":	± 0.005	16.4":	± 0.005						
16.8":	± 0.005	16.8":	± 0.005						
17.2":	± 0.005	17.2":	± 0.005						
17.6":	± 0.005	17.6":	± 0.005						
18.0":	± 0.005	18.0":	± 0.005						
18.4":	± 0.005	18.4":	± 0.005						
18.8":	± 0.005	18.8":	± 0.005						
19.2":	± 0.005	19.2":	± 0.005						
19.6":	± 0.005	19.6":	± 0.005						
20.0":	± 0.005	20.0":	± 0.005						
20.4":	± 0.005	20.4":	± 0.005						
20.8":	± 0.005	20.8":	± 0.005						
21.2":	± 0.005	21.2":	± 0.005						
21.6":	± 0.005	21.6":	± 0.005						
22.0":	± 0.005	22.0":	± 0.005						
22.4":	± 0.005	22.4":	± 0.005						
22.8":	± 0.005	22.8":	± 0.005						
23.2":	± 0.005	23.2":	± 0.005						
23.6":	± 0.005	23.6":	± 0.005						
24.0":	± 0.005	24.0":	± 0.005						
24.4":	± 0.005	24.4":	± 0.005						
24.8":	± 0.005	24.8":	± 0.005						
25.2":	± 0.005	25.2":	± 0.005						
25.6":	± 0.005	25.6":	± 0.005						
26.0":	± 0.005	26.0":	± 0.005						
26.4":	± 0.005	26.4":	± 0.005						
26.8":	± 0.005	26.8":	± 0.005						
27.2":	± 0.005	27.2":	± 0.005						
27.6":	± 0.005	27.6":	± 0.005						
28.0":	± 0.005	28.0":	± 0.005						
28.4":	± 0.005	28.4":	± 0.005						
28.8":	± 0.005	28.8":	± 0.005						
29.2":	± 0.005	29.2":	± 0.005						
29.6":	± 0.005	29.6":	± 0.005						
30.0":	± 0.005	30.0":	± 0.005						
30.4":	± 0.005	30.4":	± 0.005						
30.8":	± 0.005	30.8":	± 0.005						
31.2":	± 0.005	31.2":	± 0.005						
31.6":	± 0.005	31.6":	± 0.005						
32.0":	± 0.005	32.0":	± 0.005						
32.4":	± 0.005	32.4":	± 0.005						
32.8":	± 0.005	32.8":	± 0.005						
33.2":	± 0.005	33.2":	± 0.005						
33.6":	± 0.005	33.6":	± 0.005						
34.0":	± 0.005	34.0":	± 0.005						
34.4":	± 0.005	34.4":	± 0.005						
34.8":	± 0.005	34.8":	± 0.005						
35.2":	± 0.005	35.2":	± 0.005						
35.6":	± 0.005	35.6":	± 0.005						
36.0":	± 0.005	36.0":	± 0.005						
36.4":	± 0.005	36.4":	± 0.005						
36.8":	± 0.005	36.8":	± 0.005						
37.2":	± 0.005	37.2":	± 0.005						
37.6":	± 0.005	37.6":	± 0.005						
38.0":	± 0.005	38.0":	± 0.005						
38.4":	± 0.005	38.4":	± 0.005						
38.8":	± 0.005	38.8":	± 0.005						
39.2":	± 0.005	39.2":	± 0.005						
39.6":	± 0.005	39.6":	± 0.005						
40.0":	± 0.005	40.0":	± 0.005						
40.4":	± 0.005	40.4":	± 0.005						
40.8":	± 0.005	40.8":	± 0.005						
41.2":	± 0.005	41.2":	± 0.005						
41.6":	± 0.005	41.6":	± 0.005						
42.0":	± 0.005	42.0":	± 0.005						
42.4":	± 0.005	42.4":	± 0.005						
42.8":	± 0.005	42.8":	± 0.005						
43.2":	± 0.005	43.2":	± 0.005						
43.6":	± 0.005	43.6":	± 0.005						
44.0":	± 0.005	44.0":	± 0.005						
44.4":	± 0.005	44.4":	± 0.005						
44.8":	± 0.005	44.8":	± 0.005						
45.2":	± 0.005	45.2":	± 0.005						
45.6":	± 0.005	45.6":	± 0.005						
46.0":	± 0.005	46.0":	± 0.005						
46.4":	± 0.005	46.4":	± 0.005						
46.8":	± 0.005	46.8":	± 0.005						
47.2":	± 0.005	47.2":	± 0.005						
47.6":	± 0.005	47.6":	± 0.005						
48.0":	± 0.005	48.0":	± 0.005						
48.4":	± 0.005	48.4":	± 0.005						
48.8":	± 0.005	48.8":	± 0.005						
49.2":	± 0.005	49.2":	± 0.005						
49.6":	± 0.005	49.6":	± 0.005						
50.0":	± 0.005	50.0":	± 0.005						

CLOW VALVE CO.
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