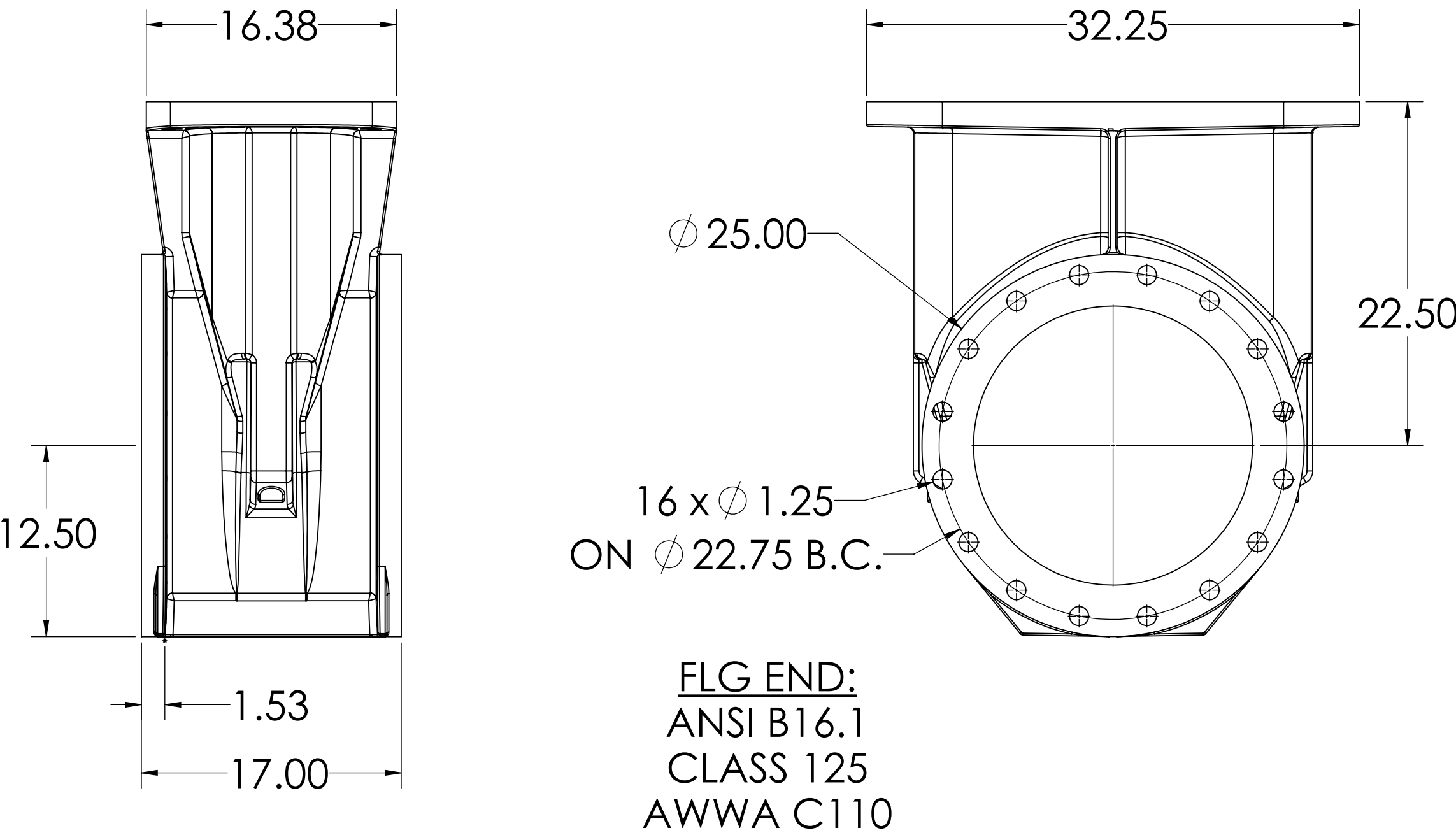
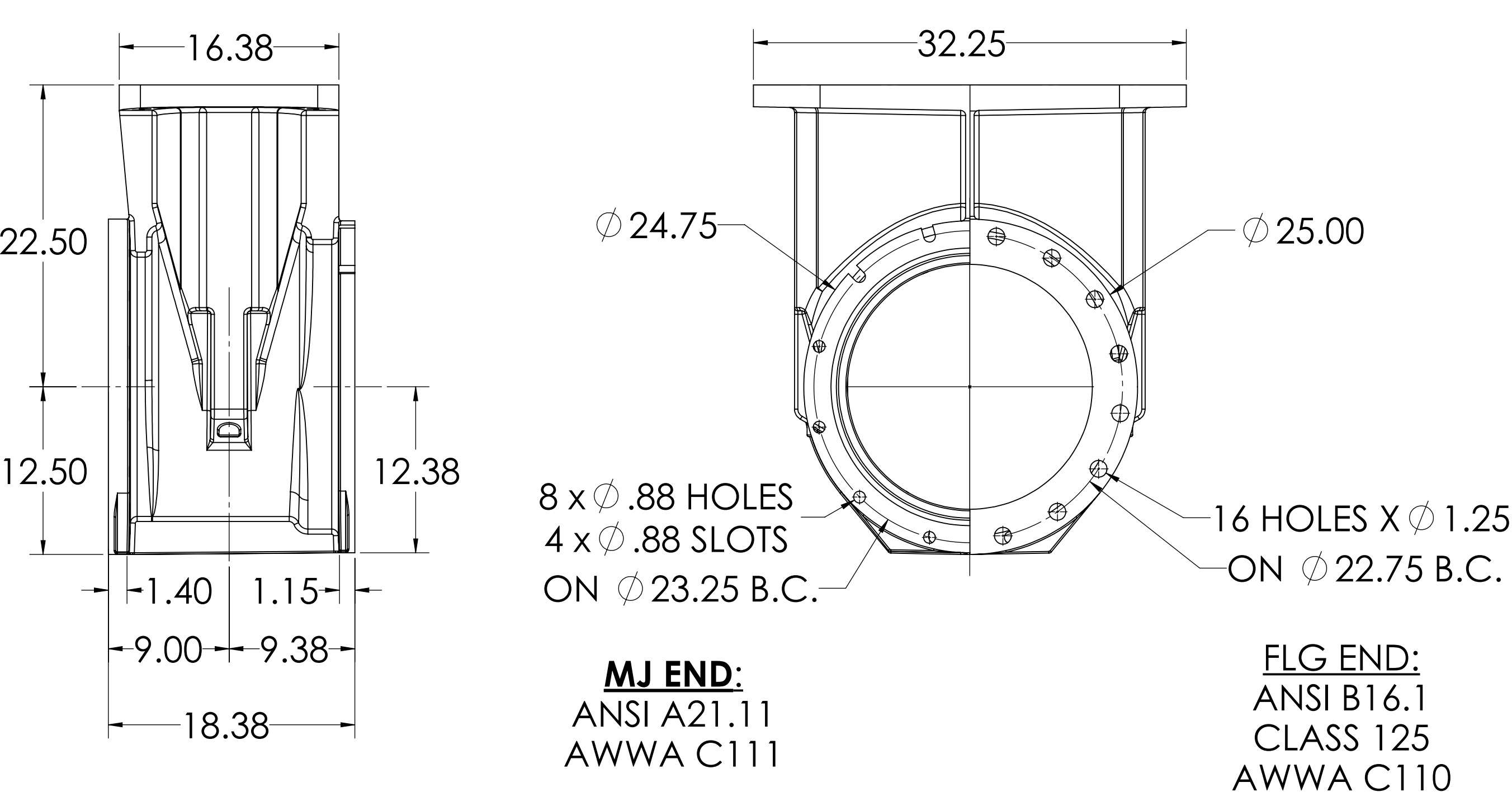


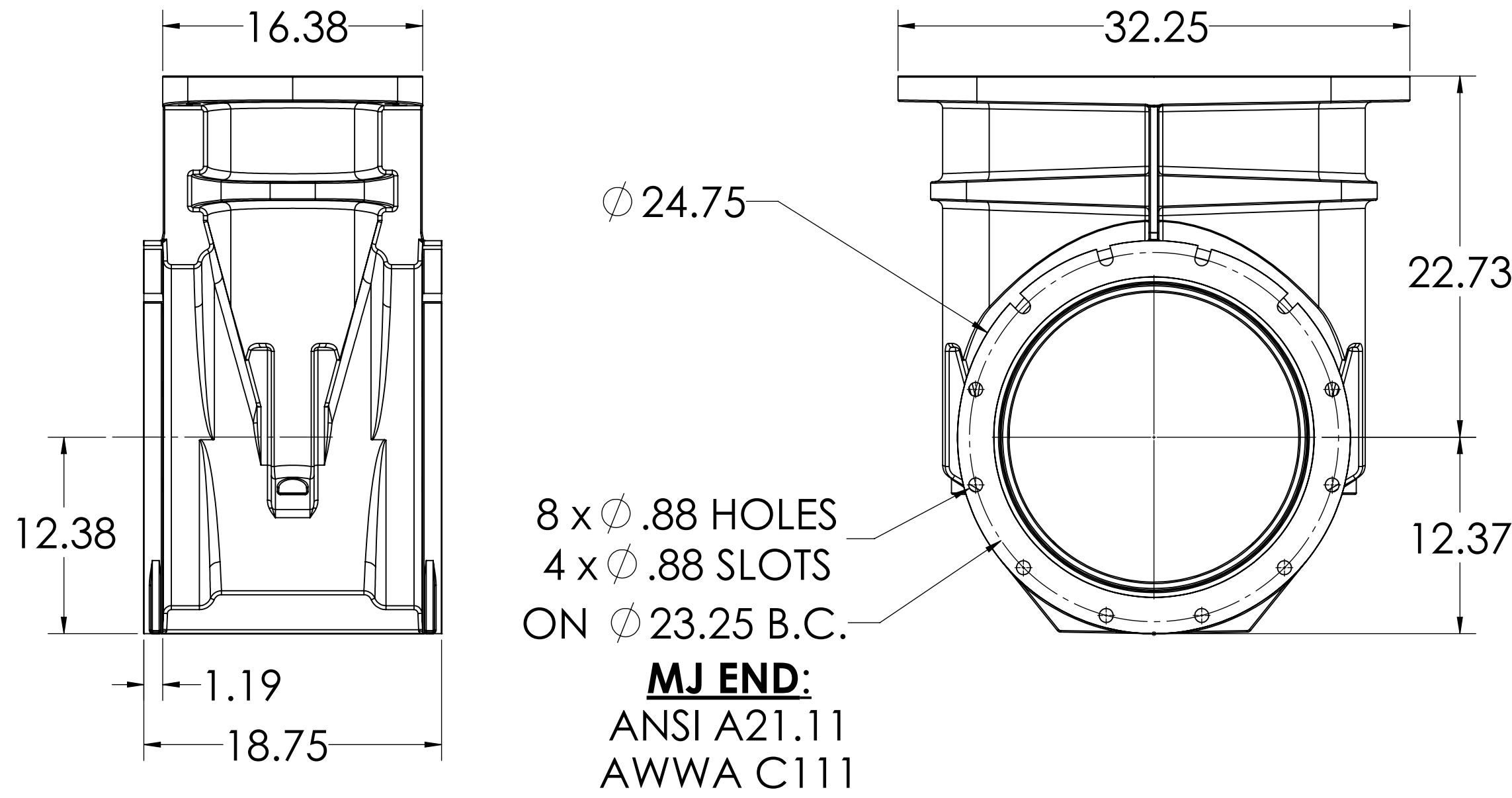
18" C515 FLG X FLG



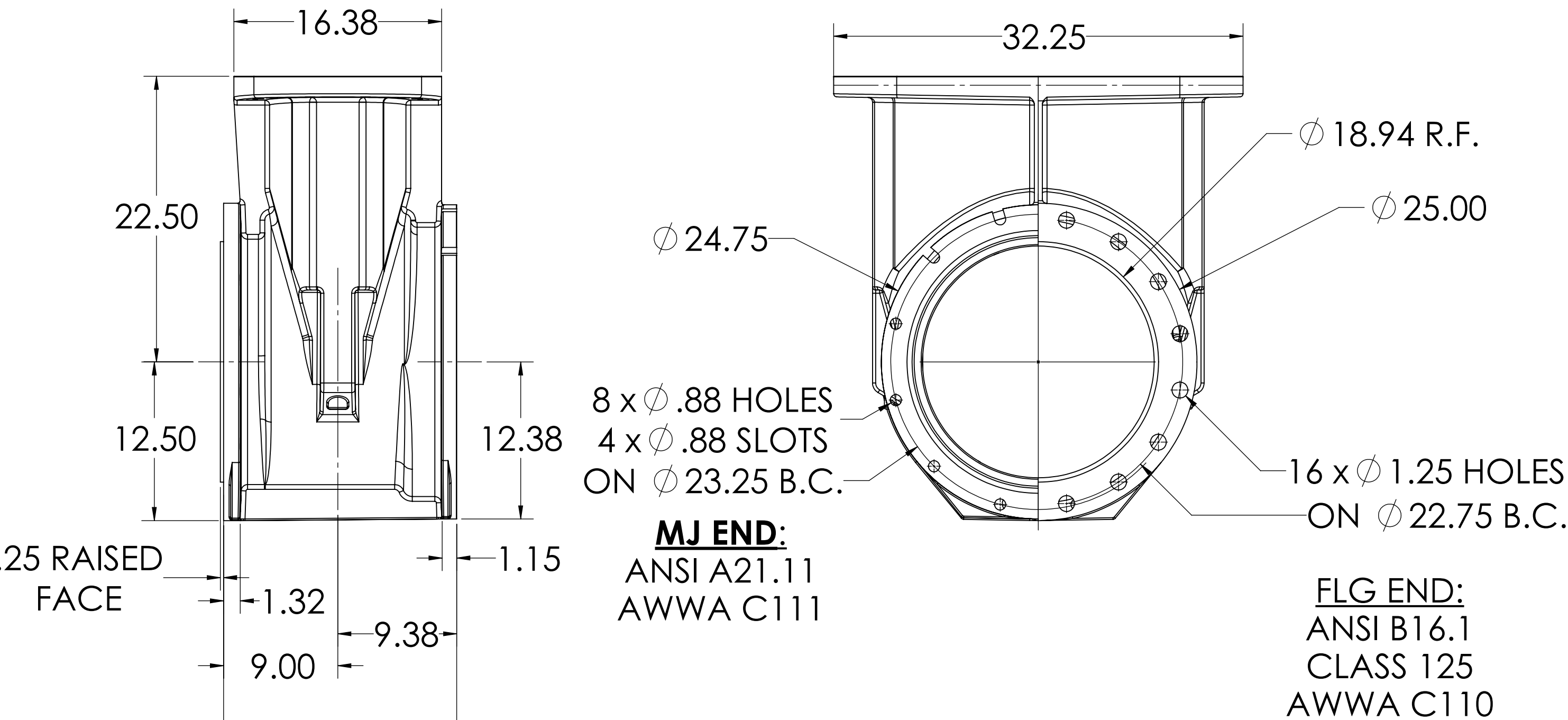
18" C515 FLG X MJ



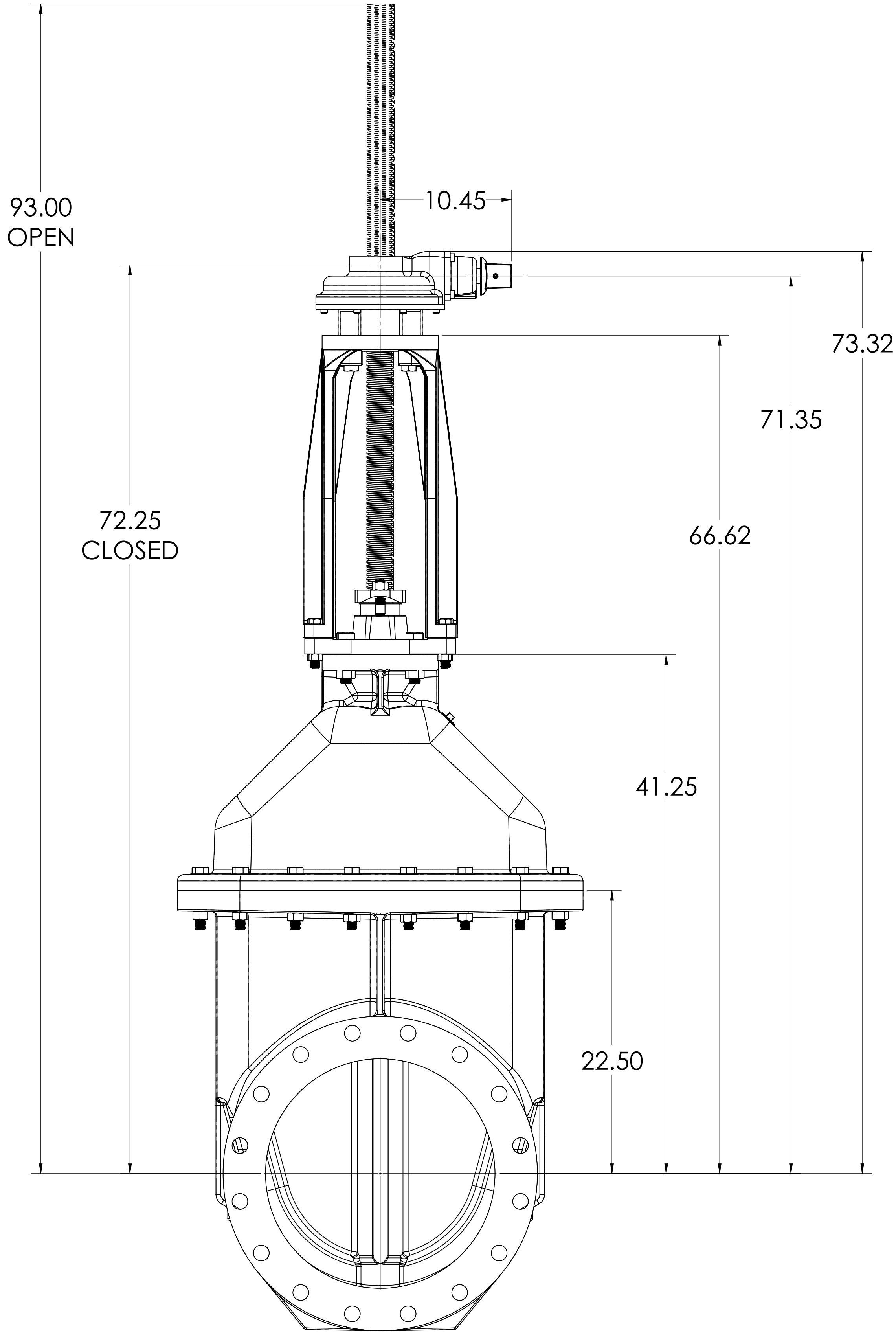
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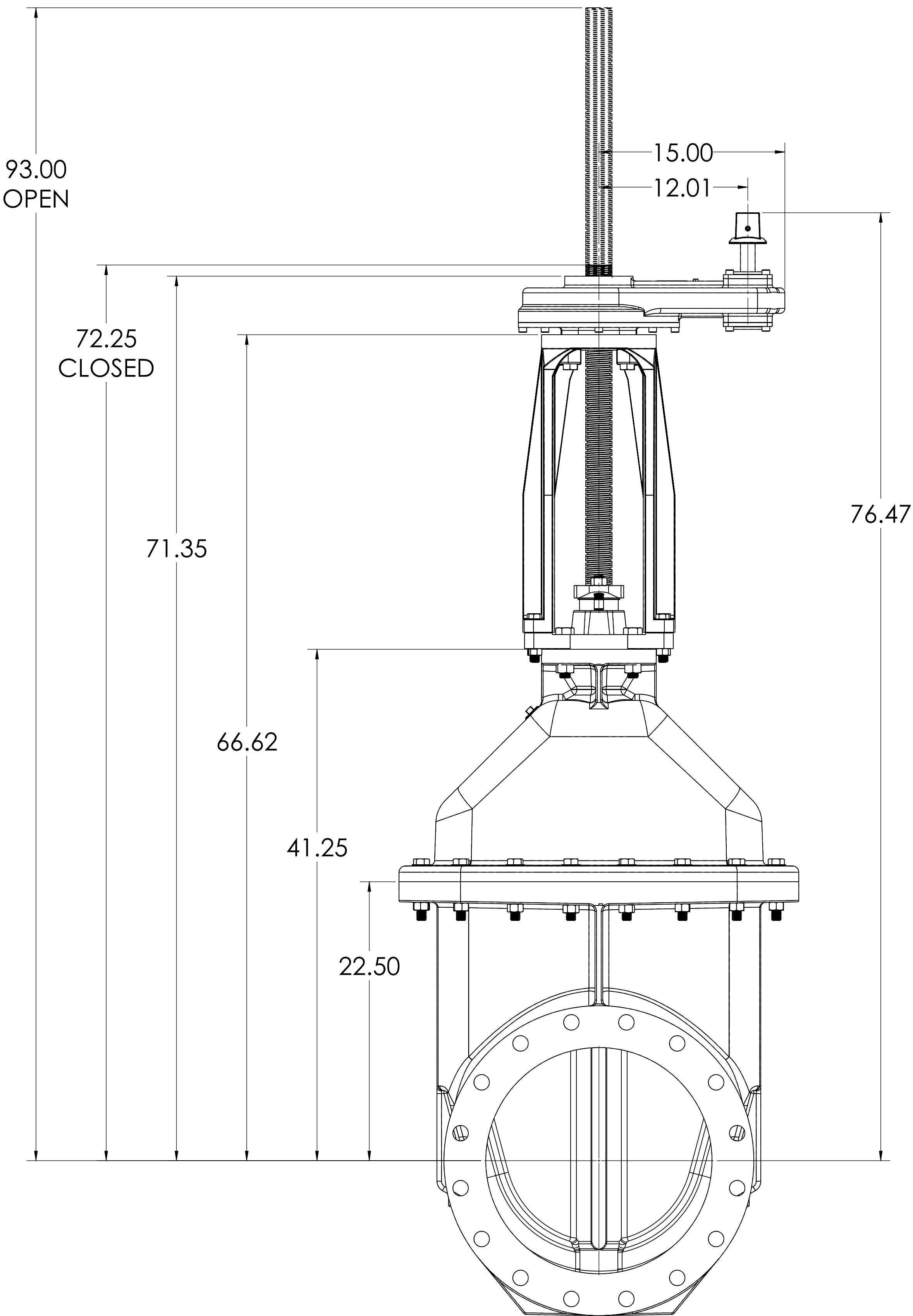
18" C515 MJ X TAP




BEVEL GEAR WITH OPERATING NUT

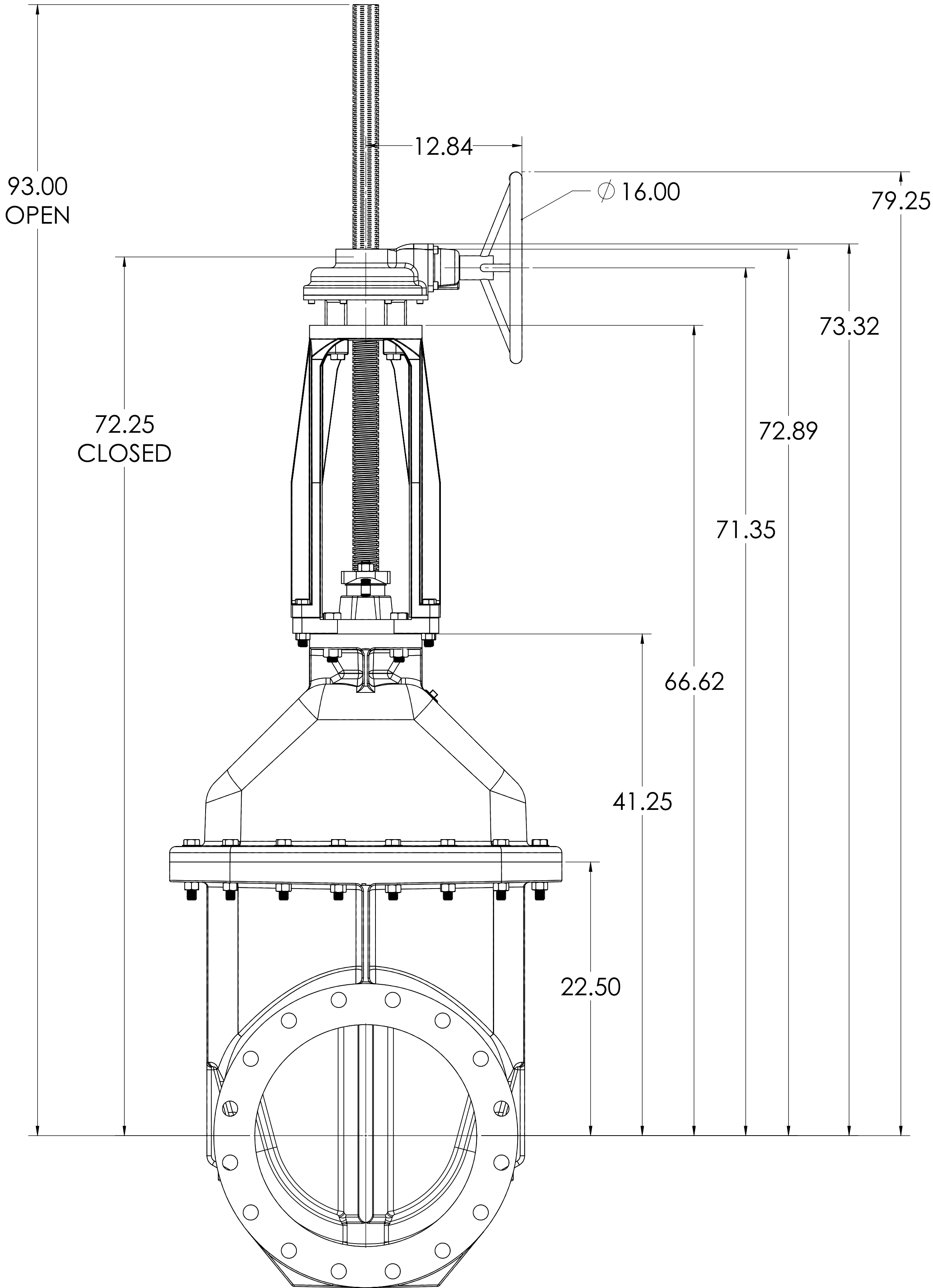


SPUR GEAR WITH OPERATING NUT

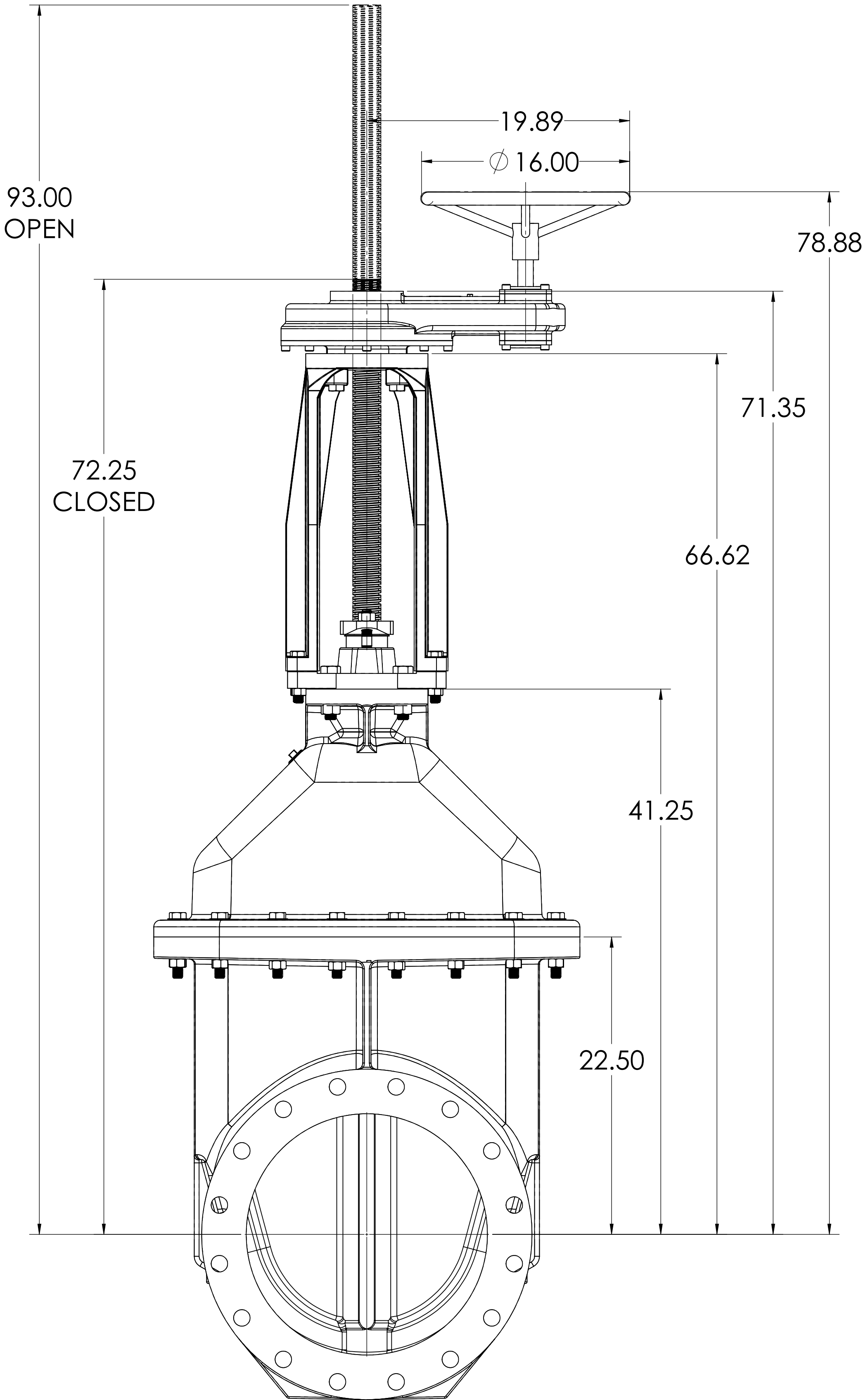


THIRD ANGLE PROJECTION. STANDARDS AND DIMENSIONS T14.100, T14.101 AND T14.141. TOLERANCES AS FOLLOWS UNLESS OTHERWISE SPECIFIED.				PROPERTY OF MCWANE CORPORATION. ALL DIMENSIONS AND TOLERANCES ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. TOLERANCES REQUIRED UPON LOOSE PARTS OF UNLESS OTHERWISE ARRANGED. ALL RIGHTS RESERVED.				REVISION				
CASTING TOLERANCES				MACHINED DIMENSIONS				REVISION				
0-4":	± 1/32"	DECIMALS:	± 0.005	0-4":	± 0.005	DECIMALS:	± 0.005	REVISION				
4-8":	± 3/64"	FRACTIONS:	± 1/64"	4-8":	± 3/64"	FRACTIONS:	± 1/64"	REVISION				
8-12":	± 1/16"	ANGLE:	± 1°	8-12":	± 1/16"	ANGLE:	± 1°	REVISION				
12-18":	± 3/32"	SURFACE FINISH:	125 µin	12-18":	± 3/32"	SURFACE FINISH:	125 µin	REVISION				
18-24":	± 1/8"	RADIUS:	1/8"	18-24":	± 1/8"	RADIUS:	1/8"	REVISION				
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MIN CHAMF:	2°			MIN CHAMF:	2°			REVISION				
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BEVEL GEAR WITH HANDWHEEL

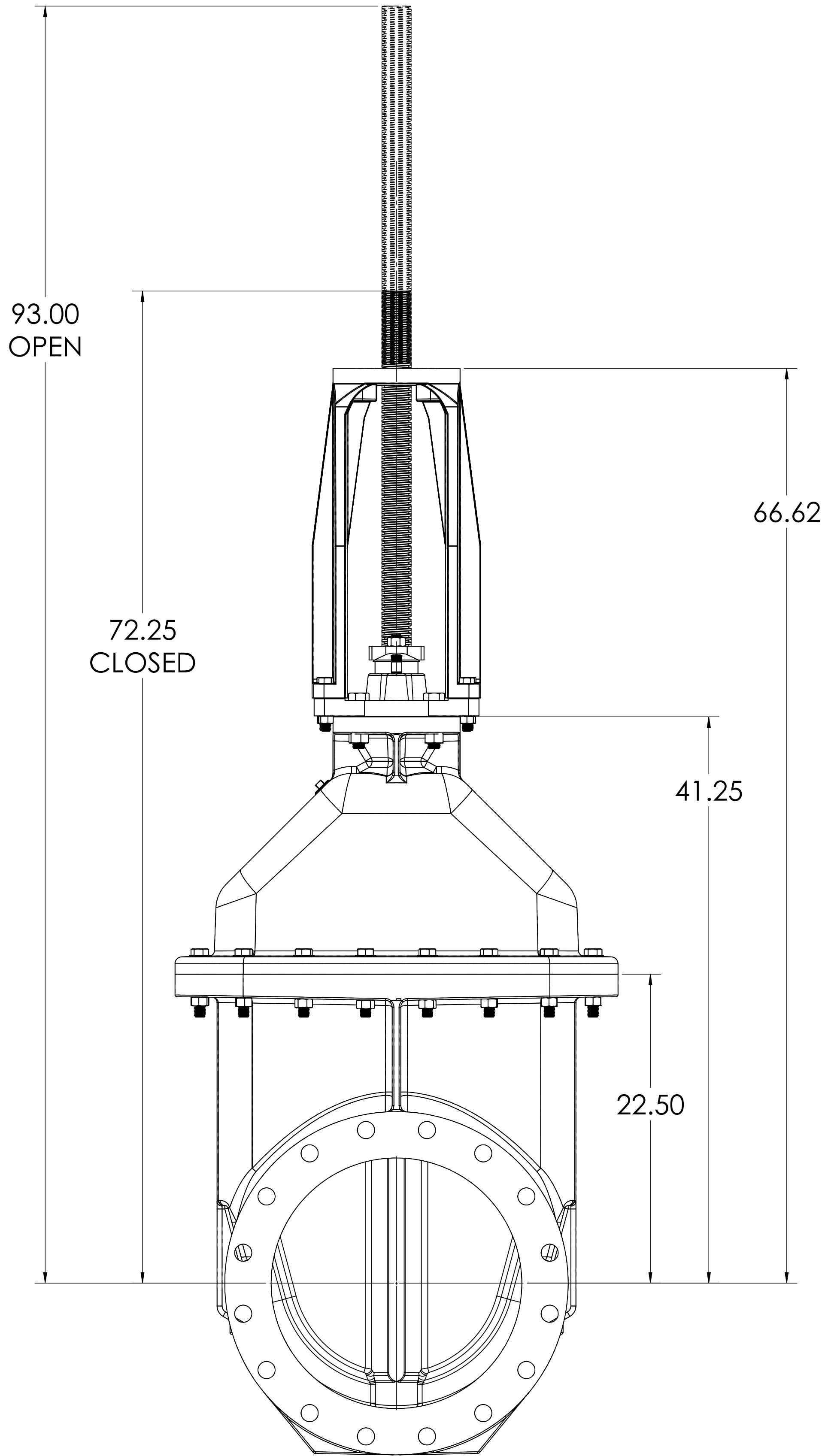


SPUR GEAR WITH HANDWHEEL



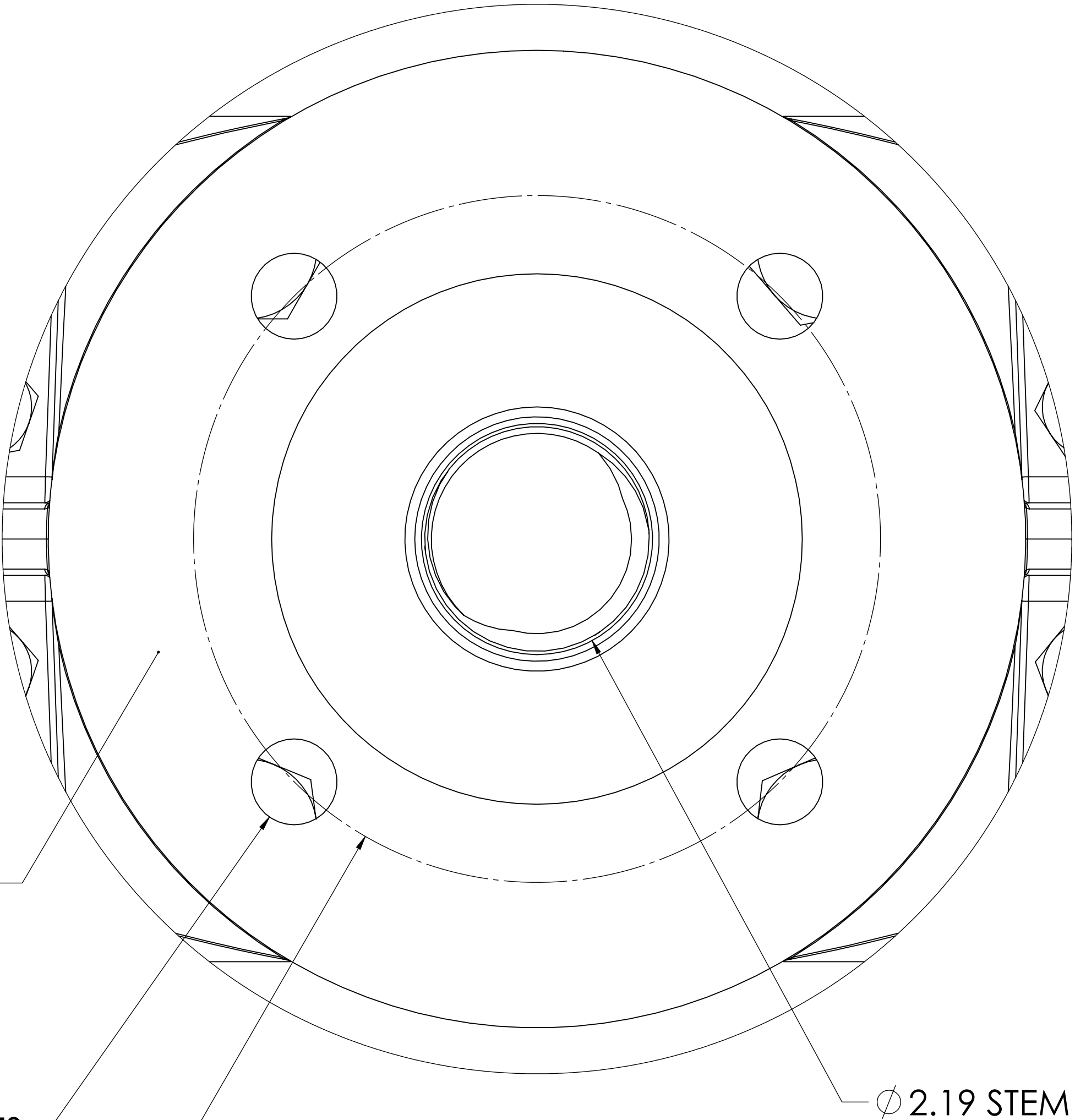
THIRD ANGLE PROJECTION. STANDARDS AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE FIRST ANGLE PROJECTION. TOLERANCES AS FOLLOWS UNLESS OTHERWISE SPECIFIED.				PROPERTY OF MCWANE CORPORATION. ALL DIMENSIONS AND TOLERANCES ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. TOLERANCES REQUIRED UPON COMPLETION OF DIRECTED USE UNLESS OTHERWISE ARRANGED. ALL RIGHTS RESERVED.				REVISION		CLW VALVE CO.	
CASTING TOLERANCES				MACHINED DIMENSIONS				REVISION			
0.4"	± 0.005	0.4"	± 0.005	0.4"	± 0.005	0.4"	± 0.005	REVISION			
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3.6"	± 0.005	3.6"	± 0.005	3.6"	± 0.005	3.6"	± 0.005	REVISION			
4.0"	± 0.005	4.0"	± 0.005	4.0"	± 0.005	4.0"	± 0.005	REVISION			
4.4"	± 0.005	4.4"	± 0.005	4.4"	± 0.005	4.4"	± 0.005	REVISION			
4.8"	± 0.005	4.8"	± 0.005	4.8"	± 0.005	4.8"	± 0.005	REVISION			
5.2"	± 0.005	5.2"	± 0.005	5.2"	± 0.005	5.2"	± 0.005	REVISION			
5.6"	± 0.005	5.6"	± 0.005	5.6"	± 0.005	5.6"	± 0.005	REVISION			
6.0"	± 0.005	6.0"	± 0.005	6.0"	± 0.005	6.0"	± 0.005	REVISION			
6.4"	± 0.005	6.4"	± 0.005	6.4"	± 0.005	6.4"	± 0.005	REVISION			
6.8"	± 0.005	6.8"	± 0.005	6.8"	± 0.005	6.8"	± 0.005	REVISION			
7.2"	± 0.005	7.2"	± 0.005	7.2"	± 0.005	7.2"	± 0.005	REVISION			
7.6"	± 0.005	7.6"	± 0.005	7.6"	± 0.005	7.6"	± 0.005	REVISION			
8.0"	± 0.005	8.0"	± 0.005	8.0"	± 0.005	8.0"	± 0.005	REVISION			
8.4"	± 0.005	8.4"	± 0.005	8.4"	± 0.005	8.4"	± 0.005	REVISION			
8.8"	± 0.005	8.8"	± 0.005	8.8"	± 0.005	8.8"	± 0.005	REVISION			
9.2"	± 0.005	9.2"	± 0.005	9.2"	± 0.005	9.2"	± 0.005	REVISION			
9.6"	± 0.005	9.6"	± 0.005	9.6"	± 0.005	9.6"	± 0.005	REVISION			
10.0"	± 0.005	10.0"	± 0.005	10.0"	± 0.005	10.0"	± 0.005	REVISION			
10.4"	± 0.005	10.4"	± 0.005	10.4"	± 0.005	10.4"	± 0.005	REVISION			
10.8"	± 0.005	10.8"	± 0.005	10.8"	± 0.005	10.8"	± 0.005	REVISION			
11.2"	± 0.005	11.2"	± 0.005	11.2"	± 0.005	11.2"	± 0.005	REVISION			
11.6"	± 0.005	11.6"	± 0.005	11.6"	± 0.005	11.6"	± 0.005	REVISION			
12.0"	± 0.005	12.0"	± 0.005	12.0"	± 0.005	12.0"	± 0.005	REVISION			
12.4"	± 0.005	12.4"	± 0.005	12.4"	± 0.005	12.4"	± 0.005	REVISION			
12.8"	± 0.005	12.8"	± 0.005	12.8"	± 0.005	12.8"	± 0.005	REVISION			
13.2"	± 0.005	13.2"	± 0.005	13.2"	± 0.005	13.2"	± 0.005	REVISION			
13.6"	± 0.005	13.6"	± 0.005	13.6"	± 0.005	13.6"	± 0.005	REVISION			
14.0"	± 0.005	14.0"	± 0.005	14.0"	± 0.005	14.0"	± 0.005	REVISION			
14.4"	± 0.005	14.4"	± 0.005	14.4"	± 0.005	14.4"	± 0.005	REVISION			
14.8"	± 0.005	14.8"	± 0.005	14.8"	± 0.005	14.8"	± 0.005	REVISION			
15.2"	± 0.005	15.2"	± 0.005	15.2"	± 0.005	15.2"	± 0.005	REVISION			
15.6"	± 0.005	15.6"	± 0.005	15.6"	± 0.005	15.6"	± 0.005	REVISION			
16.0"	± 0.005	16.0"	± 0.005	16.0"	± 0.005	16.0"	± 0.005	REVISION			
16.4"	± 0.005	16.4"	± 0.005	16.4"	± 0.005	16.4"	± 0.005	REVISION			
16.8"	± 0.005	16.8"	± 0.005	16.8"	± 0.005	16.8"	± 0.005	REVISION			
17.2"	± 0.005	17.2"	± 0.005	17.2"	± 0.005	17.2"	± 0.005	REVISION			
17.6"	± 0.005	17.6"	± 0.005	17.6"	± 0.005	17.6"	± 0.005	REVISION			
18.0"	± 0.005	18.0"	± 0.005	18.0"	± 0.005	18.0"	± 0.005	REVISION			
18.4"	± 0.005	18.4"	± 0.005	18.4"	± 0.005	18.4"	± 0.005	REVISION			
18.8"	± 0.005	18.8"	± 0.005	18.8"	± 0.005	18.8"	± 0.005	REVISION			
19.2"	± 0.005	19.2"	± 0.005	19.2"	± 0.005	19.2"	± 0.005	REVISION			
19.6"	± 0.005	19.6"	± 0.005	19.6"	± 0.005	19.6"	± 0.005	REVISION			
20.0"	± 0.005	20.0"	± 0.005	20.0"	± 0.005	20.0"	± 0.005	REVISION			
20.4"	± 0.005	20.4"	± 0.005	20.4"	± 0.005	20.4"	± 0.005	REVISION			
20.8"	± 0.005	20.8"	± 0.005	20.8"	± 0.005	20.8"	± 0.005	REVISION			
21.2"	± 0.005	21.2"	± 0.005	21.2"	± 0.005	21.2"	± 0.005	REVISION			
21.6"	± 0.005	21.6"	± 0.005	21.6"	± 0.005	21.6"	± 0.005	REVISION			
22.0"	± 0.005	22.0"	± 0.005	22.0"	± 0.005	22.0"	± 0.005	REVISION			
22.4"	± 0.005	22.4"	± 0.005	22.4"	± 0.005	22.4"	± 0.005	REVISION			
22.8"	± 0.005	22.8"	± 0.005	22.8"	± 0.005	22.8"	± 0.005	REVISION			
23.2"	± 0.005	23.2"	± 0.005	23.2"	± 0.005	23.2"	± 0.005	REVISION			
23.6"	± 0.005	23.6"	± 0.005	23.6"	± 0.005	23.6"	± 0.005	REVISION			
24.0"	± 0.005	24.0"	± 0.005	24.0"	± 0.005	24.0"	± 0.005	REVISION			
24.4"	± 0.005	24.4"	± 0.005	24.4"	± 0.005	24.4"	± 0.005	REVISION			
24.8"	± 0.005	24.8"	± 0.005	24.8"	± 0.005	24.8"	± 0.005	REVISION			
25.2"	± 0.005	25.2"	± 0.005	25.2"	± 0.005	25.2"	± 0.005	REVISION			
25.6"	± 0.005	25.6"	± 0.005	25.6"	± 0.005	25.6"	± 0.005	REVISION			
26.0"	± 0.005	26.0"	± 0.005	26.0"	± 0.005	26.0"	± 0.005	REVISION			
26.4"	± 0.005	26.4"	± 0.005	26.4"	± 0.005	26.4"	± 0.005	REVISION			
26.8"	± 0.005	26.8"	± 0.005	26.8"	± 0.005	26.8"	± 0.005	REVISION			
27.2"	± 0.005	27.2"	± 0.005	27.2"	± 0.005	27.2"	± 0.005	REVISION			
27.6"	± 0.005	27.6"	± 0.005	27.6"	± 0.005	27.6"	± 0.005	REVISION			
28.0"	± 0.005	28.0"	± 0.005	28.0"	± 0.005	28.0"	± 0.005	REVISION			
28.4"	± 0.005	28.4"	± 0.005	28.4"	± 0.005	28.4"	± 0.005	REVISION			
28.8"	± 0.005	28.8"	± 0.005	28.8"	± 0.005	28.8"	± 0.005	REVISION			
29.2"	± 0.005	29.2"	± 0.005	29.2"	± 0.005	29.2"	± 0.005	REVISION			
29.6"	± 0.005	29.6"	± 0.005	29.6"	± 0.005	29.6"	± 0.005	REVISION			
30.0"	± 0.005	30.0"	± 0.005	30.0"	± 0.005	30.0"	± 0.005	REVISION			
30.4"	± 0.005	30.4"	± 0.005	30.4"	± 0.005	30.4"	± 0.005	REVISION			
30.8"	± 0.005	30.8"	± 0.005	30.8"	± 0.005	30.8"	± 0.005	REVISION			
31.2"	± 0.005	31.2"	± 0.005	31.2"	± 0.005	31.2"	± 0.005	REVISION			
31.6"	± 0.005	31.6"	± 0.005	31.6"	± 0.005	31.6"	± 0.005	REVISION			
32.0"	± 0.005	32.0"	± 0.005	32.0"	± 0.005	32.0"	± 0.005	REVISION			
32.4"	± 0.005	32.4"	± 0.005	32.4"	± 0.005	32.4"	± 0.005	REVISION			
32.8"	± 0.005	32.8"	± 0.005	32.8"	± 0.005	32.8"	± 0.005	REVISION			
33.2"	± 0.005	33.2"	± 0.005	33.2"	± 0.005	33.2"	± 0.005	REVISION			
33.6"	± 0.005	33.6"	± 0.005	33.6"	± 0.005	33.6"	± 0.005	REVISION			
34.0"	± 0.005	34.0"	± 0.005	34.0"	± 0.005	34.0"	± 0.005	REVISION			
34.4"	± 0.005	34.4"	± 0.005	34.4"	± 0.005	34.4"	± 0.005	REVISION			
34.8"	± 0.005	34.8"	± 0.005	34.8"	± 0.005	34.8"	± 0.005	REVISION			
35.2"	± 0.005	35.2"	± 0.005	35.2"	± 0.005	35.2"	± 0.005	REVISION			
35.6"	± 0.005	35.6"	± 0.005	35.6"	± 0.005	35.6"	± 0.005	REVISION			
36.0"	± 0.005	36.0"	± 0.005	36.0"	± 0.005	36.0"	± 0.005	REVISION			
36.4"	± 0.005	36.4"	± 0.005	36.4"	± 0.005	36.4"	± 0.005	REVISION			
36.8"	± 0.005	36.8"	± 0.005	36.8"	± 0.005	36.8"	± 0.005	REVISION			
37.2"	± 0.005	37.2"	± 0.005	37.2"	± 0.005	37.2"	± 0.005	REVISION			
37.6"	± 0.005	37.6"	± 0.005	37.6"	± 0.005	37.6"	± 0.005	REVISION			
38.0"	± 0.005	38.0"	± 0.005	38.0"	± 0.005	38.0"	± 0.005	REVISION			
38.4"	± 0.005	38.4"	± 0.005	38.4"	± 0.005	38.4"	± 0.005	REVISION			
38.8"	± 0.005	38.8"	± 0.005	38.8"	± 0.005	38.8"	± 0.005	REVISION			
39.2"	± 0.005	39.2"	± 0.005	39.2"	± 0.005	39.2"	± 0.005	REVISION			
39.6"	± 0.005	39.6"	± 0.005	39.6"	± 0.005	39.6"	± 0.005	REVISION			
40.0"	± 0.005	40.0"	± 0.005	40.0"	± 0.005	40.0"	± 0.005	REVISION			
40.4"	± 0.005	40.4"	± 0.005	40.4"	± 0.005	40.4"	± 0.005	REVISION			
40.8"	± 0.005	40.8"	± 0.005	40.8"	± 0.005	40.8"	± 0.005	REVISION			
41.2"	± 0.005	41.2"	± 0.005	41.2"	± 0.005	41.2"	± 0.005	REVISION			
41.6"	± 0.005	41.6"	± 0.005	41.6"	± 0.005	41.6"	± 0.005	REVISION			
42.0"	± 0.005	42.0"	± 0.005	42.0"	± 0.005	42.0"	± 0.005	REVISION			
42.4"	± 0.005	42.4"	± 0.005	42.4"	± 0.005	42.4"	± 0.005	REVISION			
42.8"	± 0.005	42.8"	± 0.005	42.8"	± 0.005	42.8"	± 0.005	REVISION			
43.2"	± 0.005	43.2"	± 0.005	43.2"	± 0.005	43.2"	± 0.005	REVISION			
43.6"	± 0.005	43.6"	± 0.005	43.6"	± 0.005	43.6"	± 0.005	REVISION			
44.0"	± 0.005	44.0"	± 0.005	44.0"	± 0.005	44.0"	± 0.005	REVISION			
44.4"	± 0.005	44.4"	± 0.005	44.4"	± 0.005	44.4"	± 0.005	REVISION			
44.8"	± 0.005	44.8"	± 0.005	44.8"	± 0.005	44.8"	± 0.005	REVISION			
45.2"	± 0.005	45.2"	± 0.005	45.2"	± 0.005	45.2"	± 0.005	REVISION			
45.6"	± 0.005	45.6"	± 0.005	45.6"	± 0.005	45.6"	± 0.005	REVISION			
46.0"	± 0.005	46.0"	± 0.005	46.0"	± 0.005	46.0"	± 0.005	REVISION			
46.4"	± 0.005	46.4"	± 0.005	46.4"	± 0.005	46.4"	± 0.005	REVISION			
46.8"	± 0.005	46.8"	± 0.005	46.8"	± 0.005	46.8"	± 0.005	REVISION			
47.2"	± 0.005	47.2"	± 0.005	47.2"	± 0.005	47.2"	± 0.005	REVISION			
47.6"	± 0.005	47.6"	± 0.005	47.6"	± 0.005	47.6"	± 0.005	REVISION			
48.0"	± 0.005	48.0"	± 0.005	48.0"	± 0.005	48.0"	± 0.005	REVISION			
48.4"	± 0.005	48.4"	± 0.005	48.4"	± 0.005	48.4"	± 0.005	REVISION			
48.8"	± 0.005	48.8"	± 0.005	48.8"	± 0.005	48.8"	± 0.005	REVISION			
49.2"	± 0.005	49.2"	± 0.005	49.2"	± 0.005	49.2"	± 0.005	REVISION			
49.6"	± 0.005	49.6"	± 0.005	49.6"	± 0.005	49.6"	± 0.005	REVISION			
50.0"	± 0.005	50.0"	± 0.005	50.0"	± 0.005	50.0"	± 0.005	REVISION			
50.4"	± 0.005	50.4"	±								

BARE STEM



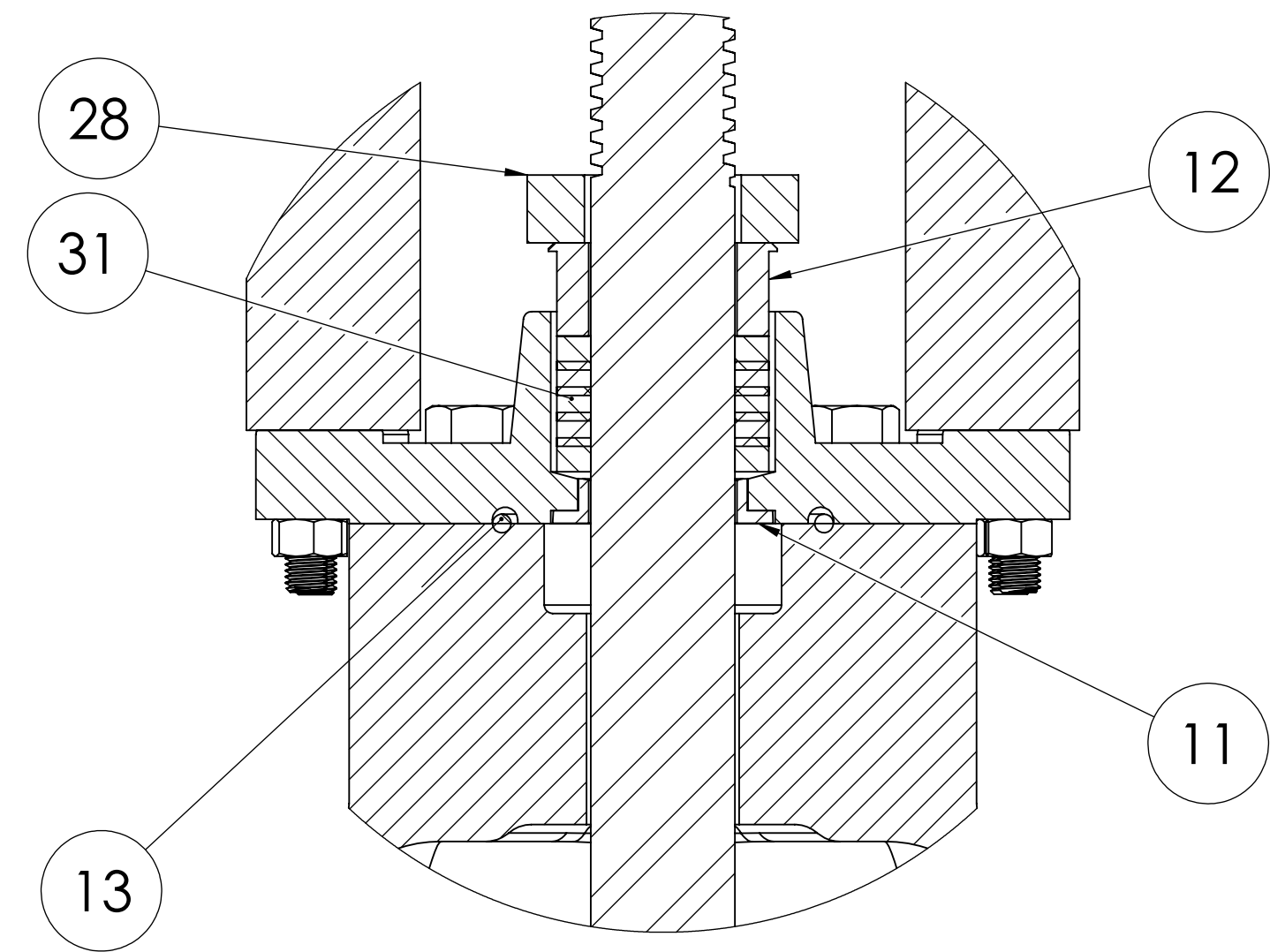
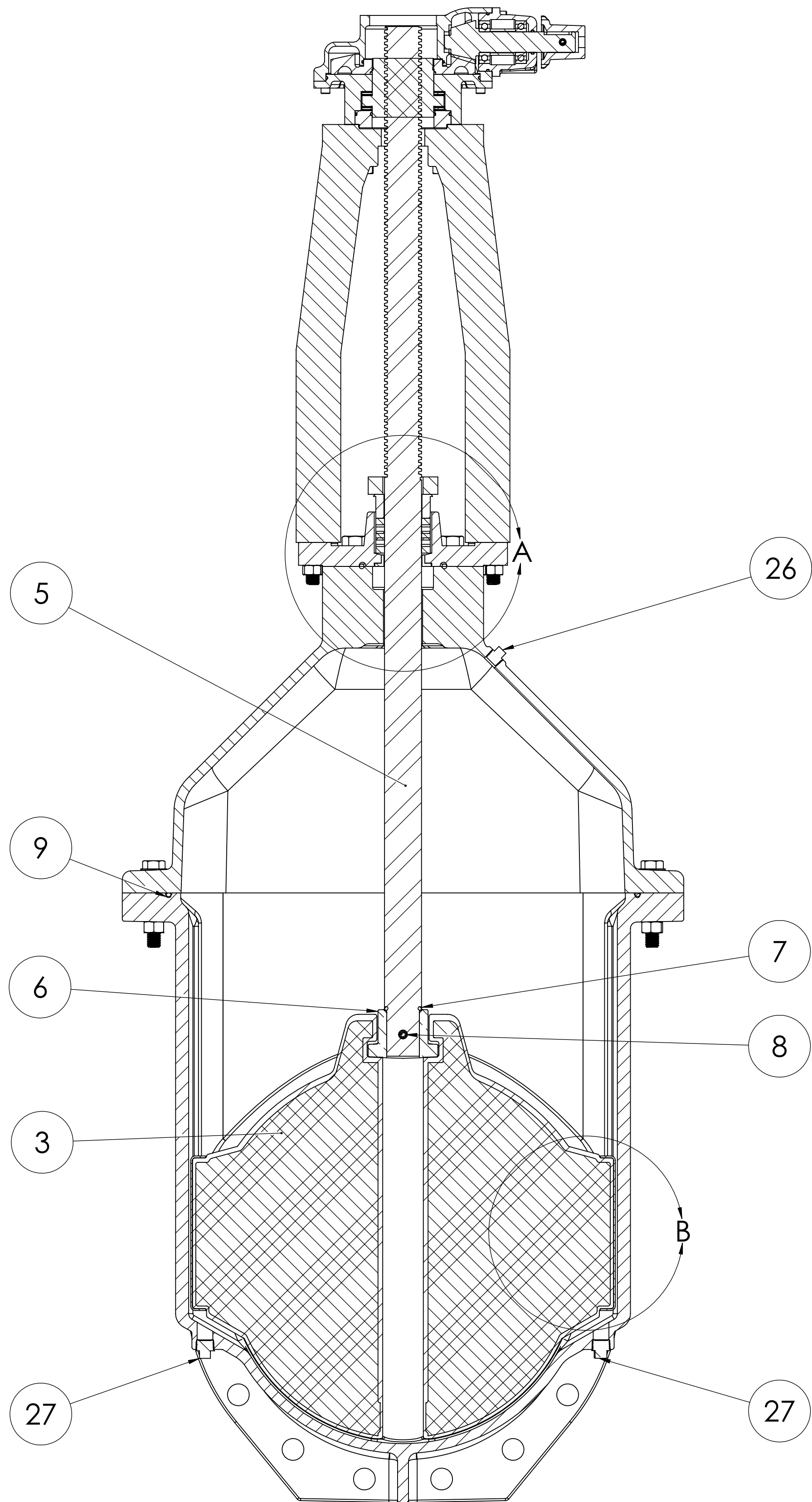
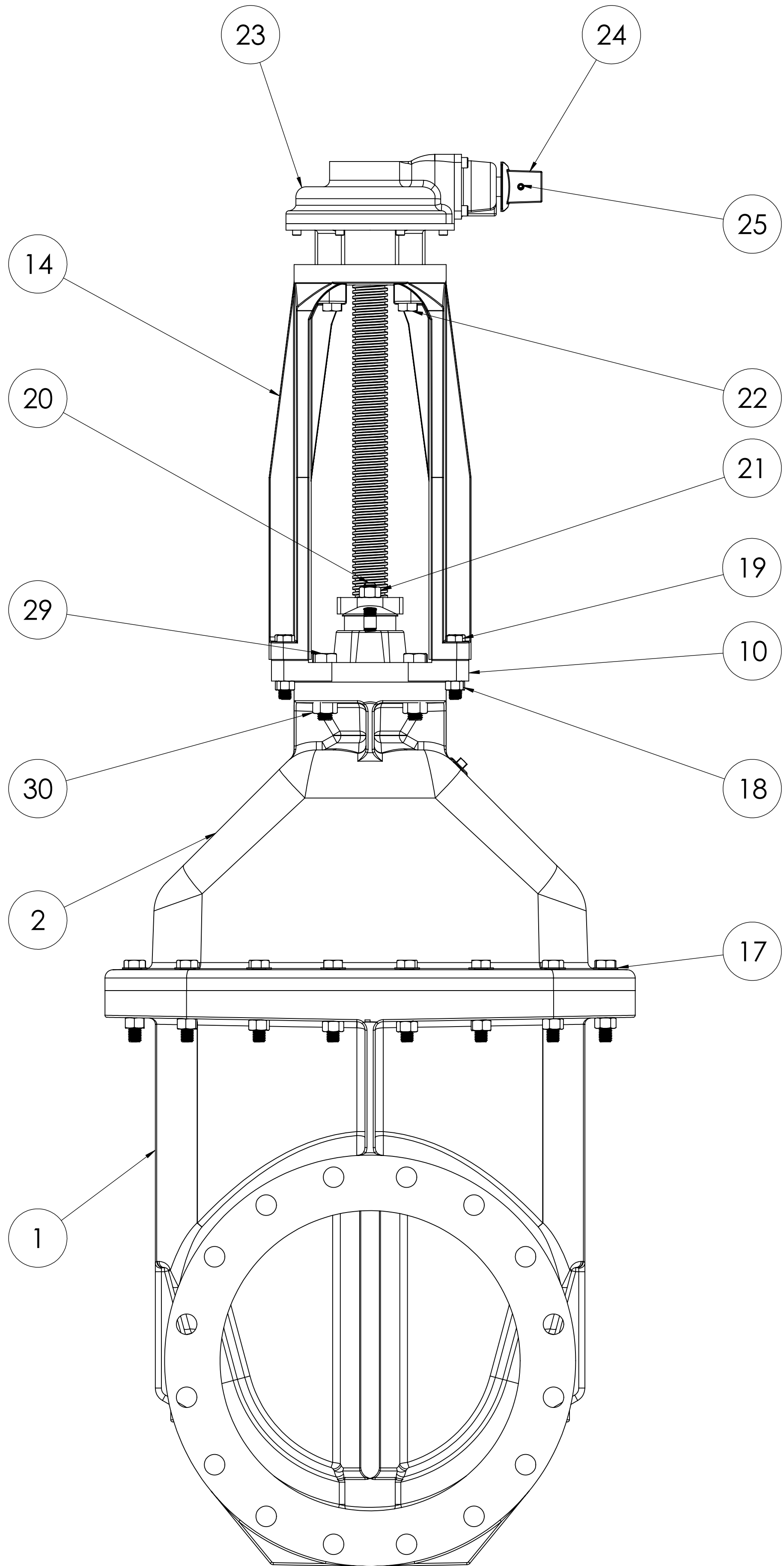
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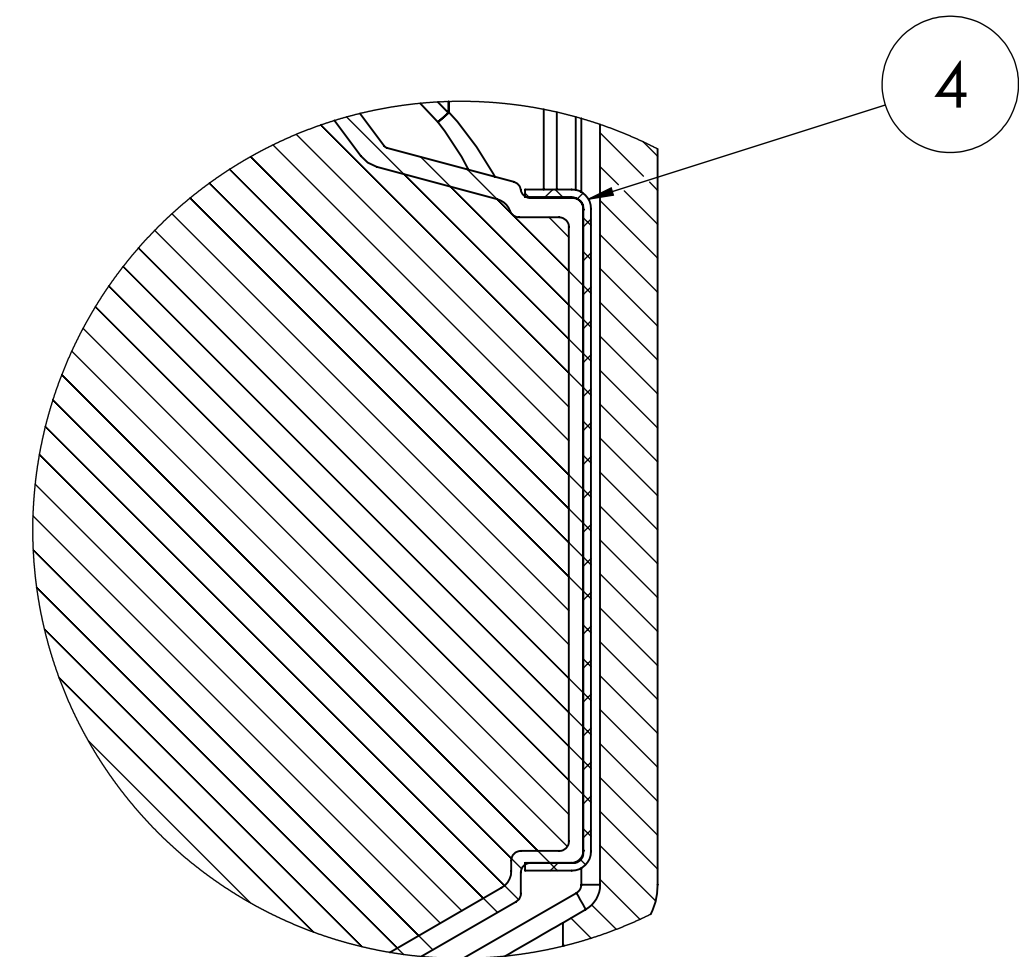


BARE STEM
MOUNTING FLANGE

THIRD ANGLE PROJECTION. STANDARDS AND DIMENSIONS SHALL BE TO THE MAXIMUM AND TO THE MINIMUM TOLERANCES AS FOLLOWS UNLESS OTHERWISE SPECIFIED.				PROPERTY OF MCWANE CORPORATION. ALL DIMENSIONS AND TOLERANCES ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. TOLERANCES ARE REQUIRED UNLESS OTHERWISE SPECIFIED OR OTHERWISE ARRANGED. ALL RIGHTS RESERVED.				REVISIONS		<div>CLW VALVE CO.</div>		
CASTING TOLERANCES				MACHINED DIMENSIONS				MATERIAL			DESCRIPTION	
0-4": 4-8": 8-12": 12-18": 18-24": MIN RADII: MIN DRAFT:	± 1/32" ± 3/64" ± 1/16" ± 3/32" ± 1/8" 1/8" 1/4"	DECIMALS: FRACTIONS: ANGLE: SURFACE FINISH: RADIUS:	± 0.005 ± 1/64" ± 1° 125 µin 1/8"	ESTIMATED WEIGHT		18" C515 OS&Y RESILIENT WEDGE GATE VALVE		LBS.		4 SHEET OF 6	21	
DWI				DATE DRAWN:	CHK. BY:	ENR. DATE:	PER. DATE:		1:6		SOFTWARE: Solidworks 2018 SP2	



DETAIL A



DETAIL B

THIRD ANGLE PROJECTION STANDARDS AND TOLERANCES: AS FOLLOWS UNLESS OTHERWISE SPECIFIED.				PROPERTY OF MCWANE CORPORATION ALL MODELS AND DERIVATIVE DOCUMENTATION ARE PROPRIETARY TO MCWANE CORPORATION AND ITS SUBSIDIARIES. DEFINITIONS REQUIRED FOR ALL PORTIONS OF DIRECTED USE (UNLESS OTHERWISE ARRANGED) ALL RIGHTS RESERVED.				PROPERTY NO.		PROPERTY NO.	
CASTING TOLERANCES				MACHINED DIMENSIONS				REVISIONS		CLW VALVE CO.	
0-4": ± 1/32"				DECIMALS: ± 0.005				0-4": ± 0.005		5	
4-8": ± 3/64"				FRACTIONS: ± 1/64"				4-8": ± 3/64"		6	
8-12": ± 1/16"				ANGLE: ± 1°				8-12": ± 1/16"		D	
12-18": ± 3/32"				SURFACE FINISH: 125 µin				12-18": ± 3/32"		21	
18-24": ± 1/8"				RADIUS: 1/8"				18-24": ± 1/8"			
MIN. RADII: 1/8"								MIN. RADII: 1/8"			
MIN. CHAMF: 2°								MIN. CHAMF: 2°			
DRAWN BY: DWI				DATE: 12-01-20				CHK. BY: CHW		DATE: 1-5	
SHEET NO. 5				SHEET NO. 6				SHEET NO. 6		SHEET NO. 6	
SHEET NO. 6				SHEET NO. 6				SHEET NO. 6		SHEET NO. 6	
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