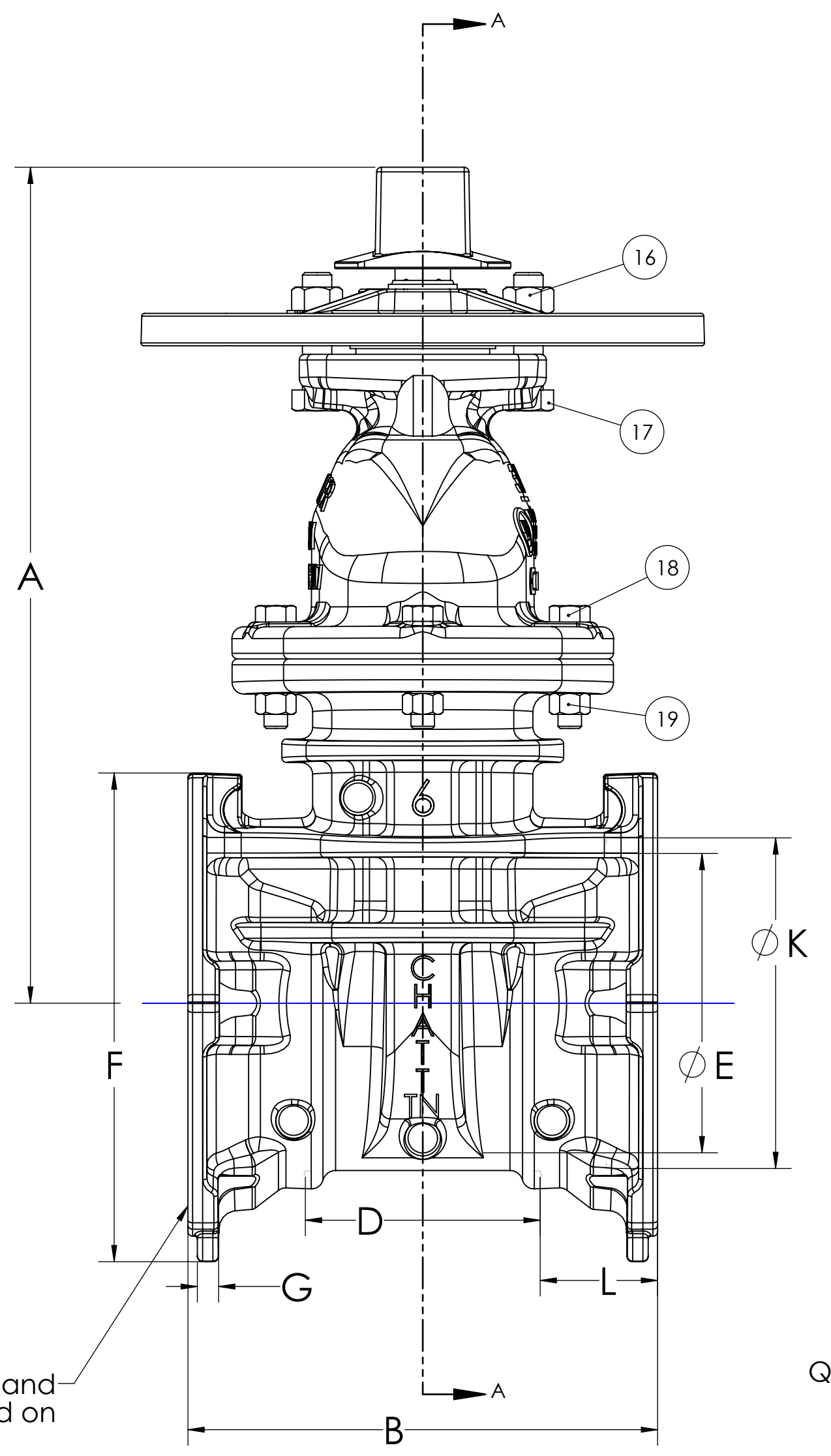
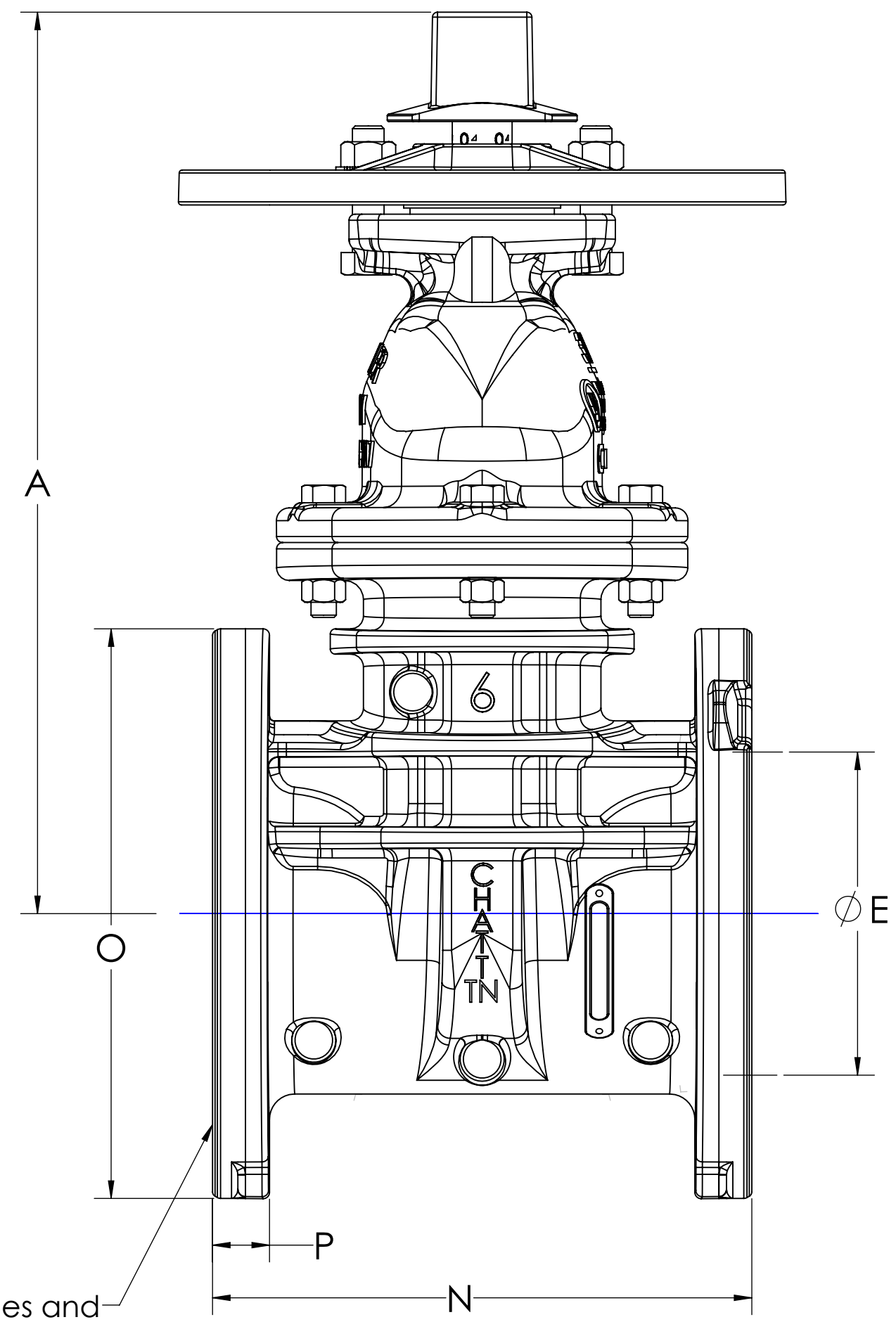


H - No. and Size of Holes and Slots Equally Spaced on
 Ø J - Bolt Circle 2 MJ Ends

SECTION A-A - TYPICAL



MECH JOINT ENDS - MJ x MJ

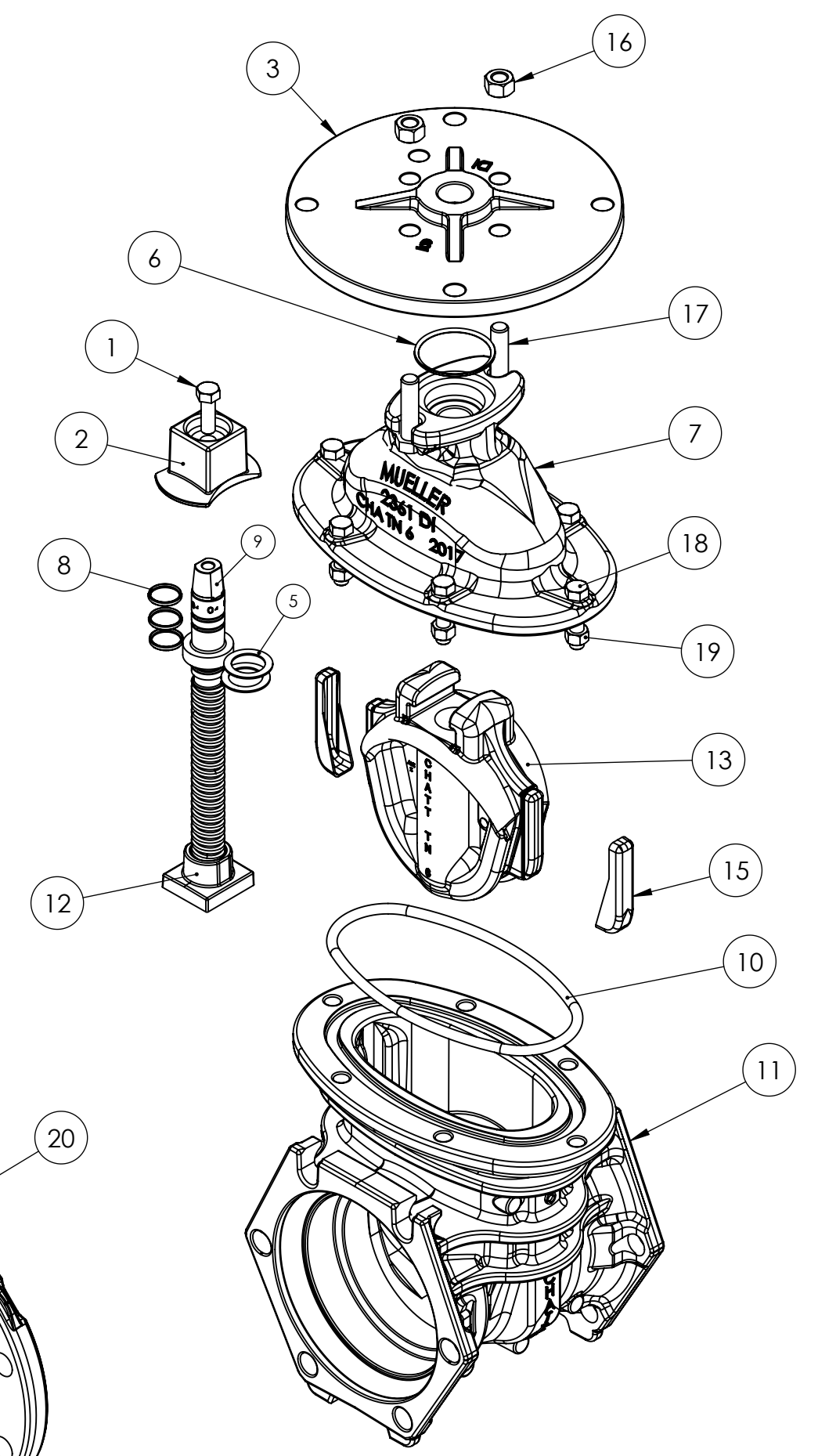


FLANGE ENDS - FL x FL

ITEM NO.	DESCRIPTION	B. QTY.	MATERIAL	ASTM	NOTES
1	Cap Screw	1	316 Stainless Steel	F593	Group 2 - CW
2	Wrench Nut	1	Ductile Iron	A536	
3	PIV Stuffing Box	1	Ductile Iron	A536	
4	Wiper Ring (dirt seal)	1	Thermoplastic Polyurethane	D412/ D624 D2240/ D792	HY-52D
5	Anti-friction Washer	2	Acetal		
6	Stuffing Box O-Ring	1	Nitrile Rubber		R34
7	Bonnet	1	Ductile Iron	A536	
8	Stem O-ring	3	Nitrile Rubber		R34
9	Stem	1	Bronze	‡	See Note
10	Bonnet O-ring	1	Nitrile Rubber		R34
11	Body MJ Ends	1	Ductile Iron	A536	
12	Stem Nut	1	Bronze	B584	C89833 / NSF 372
13	Encapsulated Disc	1	◆	D2000	See Note
14	Disc Casting	1	Ductile Iron	A536	
15	Guide Cap	2	Acetal		
16	Stuffing box nuts	2	316 Stainless Steel	F594	Group 2 - CW
17	Stuffing box bolts	2	316 Stainless Steel	F593	Group 2 - SH
18	Bonnet bolts	"M"	316 Stainless Steel	F593	Group 2 - SH
19	Bonnet nuts	"M"	316 Stainless Steel	F594	Group 2 - CW
20	Body FL Ends		Ductile Iron	A536	

◆ Rubber Encapsulated Ductile Iron Disc
 Ductile Iron - ASTM A536
 Rubber Options
 1. SBR - ASTM D2000
 2. EPDM - ASTM D2000

‡ Bronze Stem Options:
 1. Manganese - ASTM B138
 • Alloy C67600
 2. Everdur - ASTM B98
 • Alloy C66100



APPROVED
 By Matthew Sliger at 8:47 am, Jun 23, 2017

Valve Size	A	B	C	D	Ø E (Thru Ø)	F	G	H	Ø J (Bolt Circle Ø)	Ø K	L	M	Turns to Open	Weight MJ x MJ	N	O	P	Q	Ø R (Bolt Circle Ø)	Weight FL x FL
4	14.19	9.5	10.79	4.50	4.30	8.40	0.50	4-0.88	7.50	4.90	2.50	4	14	90	9.00	9.00	1.00	8-0.75	7.50	100
6	18.00	10	13.5	5.00	6.30	10.41	0.45	6-0.88	9.50	7.00	2.50	6	20.5	139	10.50	11.25	1.13	8-0.88	9.50	160
8	21.50	10.5	16.36	5.50	8.30	12.68	0.50	6-0.88	11.75	9.15	2.50	6	26.5	196	11.50	13.50	1.15	8-0.88	11.75	223
10	25.50	11.5	20	6.50	10.30	15.24	0.62	8-0.88	14.00	11.20	2.50	8	33	285	13.00	16.00	1.29	12-1.00	14.25	325
12	28.62	12	21	7.00	12.30	18.024	0.62	8-0.88	16.25	13.30	2.50	8	38.5	360	14.00	19.00	1.33	12-1.00	17.00	435

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES:
 ANGULAR: ±
 TWO DECIMAL: ±
 THREE DECIMAL: ±



MATERIAL SEE TABLE
 FINISH

NAME	DATE
JMH	5/22/2017
AO	
MS	
Q.A.	

DESCR.		SIZE		WEIGHT (lbs): SEE TABLE	
2361 RWGV 350W w/ PIV SBX		D		7414	
DWG. NO.		REV		SCALE:	
7414		0		DO NOT SCALE DRAWING	
SHEET 1 OF 1					