

The Mueller® Resilient Wedge Gate Valve

Consistent, predictable, long-lasting performance

Features of the Mueller Resilient Wedge Gate Valve



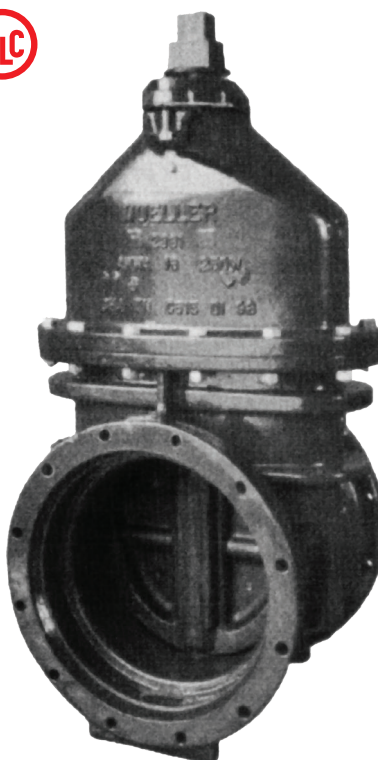
Catalogue number - A-2361

Size: 14" (350mm) - 54" (1350mm)

Meets or exceeds all requirements of ANSI/ AWWA C515 Standard (thru 48"/1200 mm); and is certified to ANSI/NSF 61

Ductile iron body and bonnet with MUELLER Pro-Guard™ Fusion Epoxy Coating interior and exterior surfaces to all applicable requirements of ANSI/ AWWA C550 Standard – 14" (350mm) - 36" (900mm); 42" (1050mm) - 54" (1350mm) MUELLER HP Epoxy Coating

Ductile iron wedge, symmetrical & fully encapsulated with moulded rubber, no exposed iron



Non-rising stem (NRS)

Triple O-ring seal stuffing box (2 upper and 1 lower O-ring)

2" square wrench nut (gearing standard on valves 30" (750mm) and larger) open left or open right

Maximum working pressure: 250 psig (1723 kPa/17.25 bar)

Static test pressure: 500 psig (3447 kPa/34.50 bar)

UL listed: (14" - 24")(350mm & 600mm)

FM approved: (14" & 16")(350mm & 400mm)

All flanged end dimensions and drilling comply with ANSI B16.1, class 125

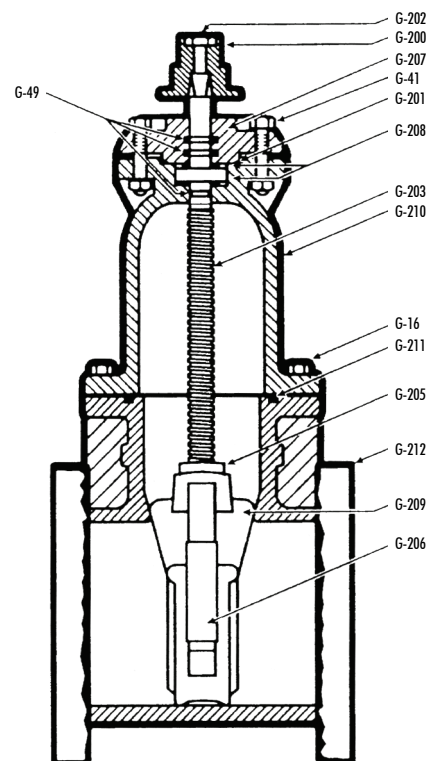
Resilient wedge gate valve parts

Catalog Part Number	Description	Material	Material Standard
G-16	Bonnet Bolt and Nuts	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-41	Stuffing Box Bolts and Nuts	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-49	Stem O-rings (3)	Rubber	-
G-200	Wrench Nut Cap Screw	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-201	Stuffing Box O-ring Seal	Rubber	-
G-202	Wrench Nut	Cast Iron	ASTM A126 CL.B
G-203	Stem	Bronze	ASTM B138**
G-204	Hand Wheel (not shown)	Cast Iron	ASTM A126 CL.B
G-205	Stem Nut	Bronze	ASTM B62
G-206	Guide Cap Bearings	Acetal	-
G-207	Stuffing Box	Ductile Iron	ASTM A536
G-208	Anti-Friction Washers (2)	Brass	-
G-209	Wedge, Rubber Encapsulated	Ductile Iron*/SBR†	ASTM A536 / --
G-210	Bonnet	Ductile Iron	ASTM A536
G-211	Bonnet O-ring	Rubber	-
G-212	Body	Ductile Iron	ASTM A536

*Fully encapsulated in moulded rubber with no iron exposed

**18" to 54" (450mm to 1350mm) ASTM B584

†18" to 54" (450mm to 1350mm) EPDM Standard



Dimensions*	14" through and including 54"									
	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"
A	32.75	37.88	44.19	48.25	53.88	69.50	77.70	†††	†††	†††
L	3.50	3.50	3.50	3.50	3.50	4.00	4.00	4.00	4.00	-
L1	6.00	6.00	-	-	-	-	-	-	-	-
N	20.62	22.56	24.88	27.25	31.88	39.53	46.41	53.53	60.41	-
O (number and size of holds for MJ)	6--7/8**	8--7/8***	8--7/8***	10--7/8†	12--7/8††	20--1-1/8	24--1-1/8	28--1.38	32--1.38	-
Q (bore)	14.38	16.00	18.38	20.38	24.38	30.38	36.38	42.38	48.38	48.38
R	21.00	23.50	25.00	27.50	32.00	38.75	46.00	53.00	59.50	66.34
W (distance between strapping lug holes across face of valve ends)	22.50	23.13	-	-	-	-	-	-	-	-
DD	12.36	12.55	13.90	14.13	16.06	25.56	29.34	34.58	36.80	-
DD1	12.43	13.39	-	-	-	-	-	-	-	-
FF	15.06	16.06	17.00	18.00	20.00	26.00	30.00	38.00	43.00	48.00
FF1	17.41	17.91	19.00	19.75	21.75	29.75	33.75	40.38	43.79	-
FF2	19.75	19.75	21.00	21.50	23.50	33.50	37.50	42.75	45.00	-
FF3	24.43	25.39	-	-	-	-	-	-	-	-
FF4	19.75	20.72	-	-	-	-	-	-	-	-
OO (bolt circle diameter for MJ)	18.75	21.00	23.25	25.50	30.00	36.88	43.75	50.62	57.50	-
UU (bolt circle diameter)	18.75	21.25	22.75	25.00	29.50	36.00	42.75	49.50	56.00	62.76
B (number and size of holes for FL)	12--1.12"	16--1.12"	16--1.12"	20-1.25"	20--1.38"	28--1.38"	32--1.625"	36--1.63"	44--1.63"	44--2.00
B1 (number and size of holes for FL)	12--1.12"	16--1.12"	-	-	-	-	-	-	-	-
Turns to open	43.50	49	57	63	75	-	-	-	-	-
Weight* - FL x FL	659	841	1230	1507	2398	5100	8400	13300	19700	20900
MJ x FL	655	875	1226	1500	2375	5100	8400	13300	19700	-
MJ x MJ	650	931	1222	1494	2352	5100	8400	13300	19700	-
SL x SL	682	860	-	-	-	-	-	-	-	-
SL x FL	670	850	-	-	-	-	-	-	-	-

*All dimensions are in inches. All weights include accessories and are in approximate pounds.

**Along with the 6 bolt holes there are 4 bolt slots, making a total of 10 bolts attaching the MJ end.

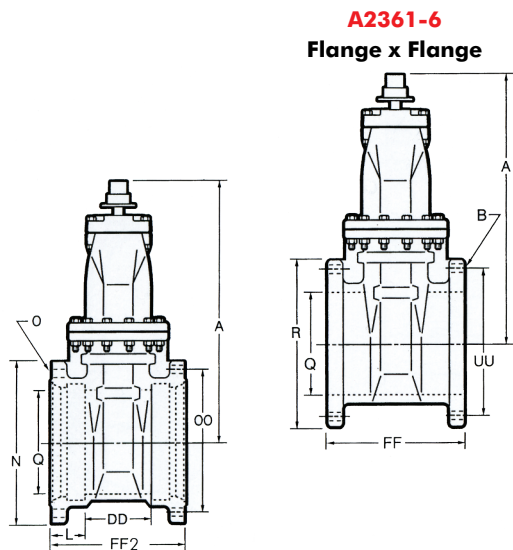
***Along with the 8 bolt holes there are 4 bolt slots, making a total of 12 bolts attaching the MJ end.

†Along with the 10 bolt holes there are 4 bolt slots, making a total of 14 bolts attaching the MJ end.

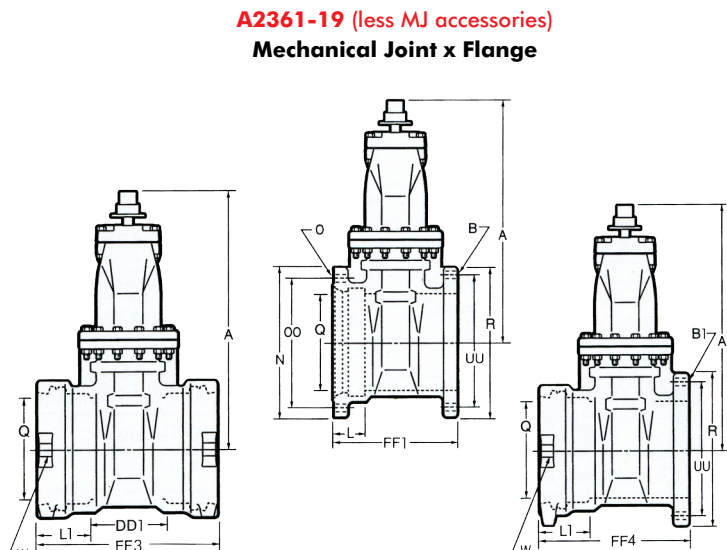
††Along with the 12 bolt holes there are 4 bolt slots, making a total of 16 bolts attaching the MJ end.

†††Depends on spur or bevel gear.

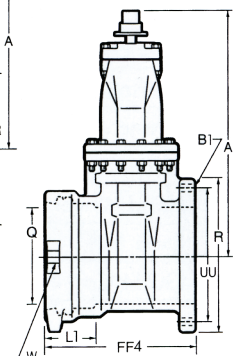
30" - 54" (350mm - 1350mm) sizes - Turns to open depends on gearing choice.



A2361-23 (less MJ accessories)
Mechanical Joint x Mechanical Joint



(with gasket)
A2361-40
Slip-on x Slip-on



(with gasket)
A2361-43
Slip-on x Flange

Mueller Canada

82 Hooper Rd. Barrie, ON, L4N 8Z9

Office: **705-719-9965** Fax: **705-719-4959** Sales Fax: **1-800-263-4145**

www.muellercanada.com