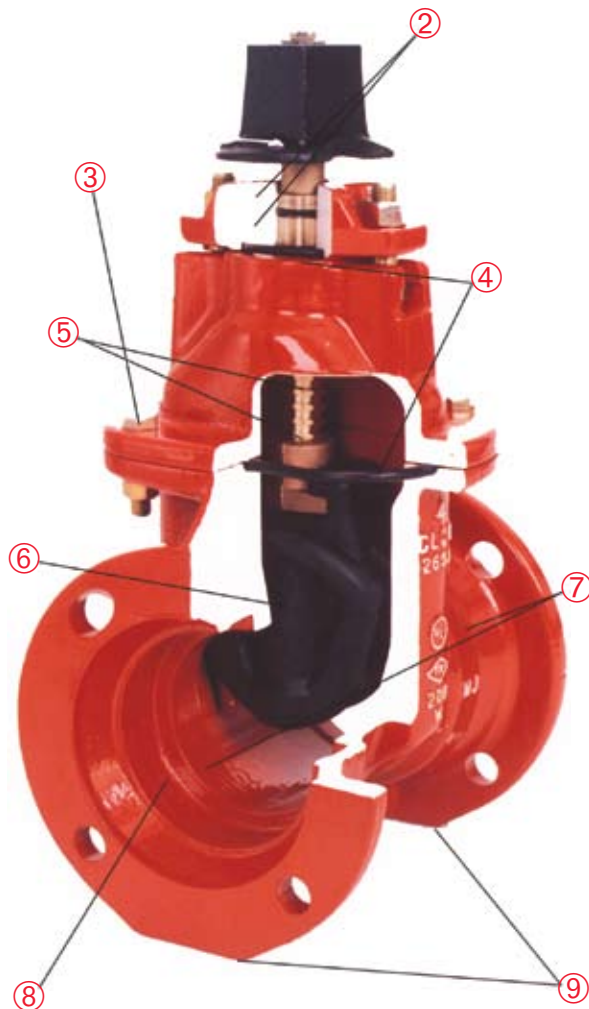


C-515 Reduced Wall Ductile Iron Resilient Wedge Valves



Features:

1. Delrin thrust bearings above and below the thrust collar reduce friction and minimize operating torques.
2. Two “O”-ring seals are replaceable with the valve fully open and subjected to full-rated working pressure.
3. Electro-Plated nuts and bolts provide long-life corrosion protection. Stainless Steel nuts and bolts are available upon request.
4. Two “O”-ring seals - are replaceable with the valve fully open and subjected to full-rated working pressure.
5. Long, trouble free life with high strength, non-corrosive bronze stem and stem nut.
6. 100% coated wedge insures bubble-tight seal every time up to 250 psi. With twin seal design.
7. Clow corrosion resistant fusion bonded epoxy coating, conforming to AWWA C-550 and NSF61 approved, protects both inside and outside of valve.
8. Smooth, unobstructed waterway is free of pockets, cavities and depressions allowing for minimal flow loss and lower pumping costs. All valves accept full size tapping cutter.
9. Pads on the bottom of all valves keep valve in upright position for easier storage and protection from the elements.
10. All valves are rated at 250 psi for AWWA service and 200 psi for ULFM service. All valves are hydrostatically tested to 500 psi.

NOTES:

- For more information on the C-515 Reduced Wall Ductile Iron Resilient Wedge Valve please call your local Team EJP sales office.

Valves and Tapping Sleeves C-4

Resilient Wedge Valves C-515

Clow 4" - 12" C-515 Reduced Wall Ductile Iron Resilient Wedge Valve†



SIZE (in.)	DIR. TO OPEN	PSI	PRODUCT NUMBERS				MAX. CUTTER SIZE	TURNS TO OPEN
			MJ X MJ	*MJ X PIV	*MJ X **CUT-IN	*MJ X TAPPING		
2	OR	250	39139 2	NA	NA	NA	NA	4¾
	OL		39139 1					
3	OR	250	39152 1	NA	NA	NA	NA	10
	OL		39153 1					
4	OR	250	39196	NS	39232	39190	4"	13½
	OL		39197	NS	39231	39193		
6	OR	250	39334	NS	39393	39316	6"	19½
	OL		39337	NS	39394	39319		
8	OR	250	39472	NS	39583	39496	8"	25½
	OL		39469 1	NS	39584	39497 1		
10	OR	250	39666	NS	39798	39686	10"	31½
	OL		39669	NS	39800	39689		
12	OR	250	39884 1	NS	40054	39897	12"	37¾
	OL		39886 1	NS	40055	39896		
16††	OR	200	40187	NS	NA	NS	NA	51
	OL		40188	NS		NS		

* See pages C-12 –17 for Tapping Sleeves and page C-11 for Cut-In Sleeves and PIV Indicator Posts.

** MJ x Cut-In Valves are used on oversized (pit cast) pipe.

† Clow also makes a C-509 valve in sizes 2" through 12"

† † 14" through 24" valves are made to C-515 specifications but are not reduced weight.

NOTES:

- Full sized shell cutters may be used with these tapping valves, although undersized cutters are recommended.
- Contact your local Team EJP sales office for availability of end connections not shown in following table.

Specification:

- Valves shall conform to the latest revision of AWWA standard C-515 covering resilient seated gate valves and be approved by ULFM.
- Valves shall be either non-rising stem or rising stem, opening by turning stem left or right and provided with 2" square operating nut or handwheel with the word 'open' and an arrow cast in the metal to indicate direction to open.
- The wedge shall be of cast iron completely encapsulated with rubber.
- The sealing rubber shall be permanently bonded to the cast iron wedge to meet ASTM tests for rubber metal bond ASTM D429.
- Valves shall be supplied with o-ring seals at all joints. No flat gaskets allowed.

- Stems for NRS assemblies shall be cast bronze with integral collars in full compliance with AWWA. OS&Y stems shall be bronze. The NRS stem stuffing box shall be the o-ring seal type with two o-rings located above thrust collar and one o-ring below. The two o-rings above the thrust collar shall be replaceable with valve fully open and subjected to full rated working pressure.
- There shall be two low torque thrust bearings located above and below the thrust collar. The stem nut shall be independent of the wedge and shall be made of solid bronze. There shall be a smooth, unobstructed waterway free of all pockets, cavities and depressions in the seat area.
- The body and bonnet shall be coated with fusion bonded epoxy both interior and exterior, complying with AWWA C-550 and be NSF 61 approved. Each valve shall have maker's name, pressure rating and year in which manufactured cast on the body.