

# BIG SIZE GATE VALVES FLANGED ENDS



**MOD. 11010** | **PN 10-16** | **DN 450-1000**

Ductile iron gate valves resilient seated non rising stem, short body.



**MOD. 11020** | **PN 10-16** | **DN 450-1000**

Ductile iron gate valves resilient seated non rising stem, long body.

## SPECIAL FEATURES

- Flange drilling and face-to-face dimensions according to EN 1092-2 and EN 558 (series 14 and series 15).
- Primary sealing obtained by compression of rubber wedge.
- Secondary sealing obtained by OR gaskets embedded in non-corrosive material.
- Internal and external epoxy coating (average thickness 250µm).
- Manual operation by hand wheel DN 450.
- DN 450-1000 operated directly by handwheel or gearbox (optional).



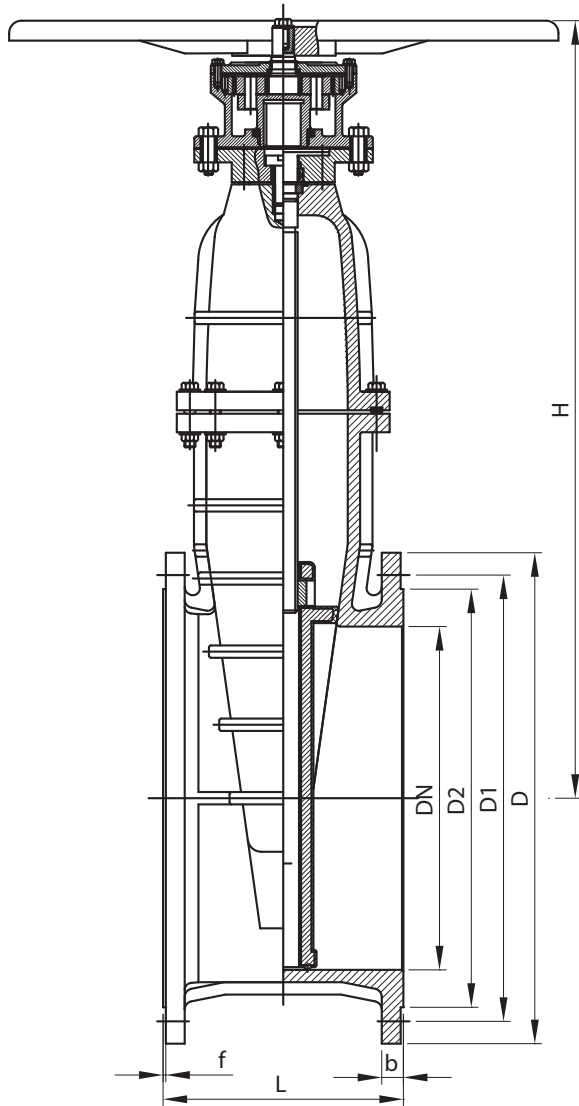
Zoom of gearbox



Version without gearbox



All metal, rubber, and coatings used have been designed for contact with water for human consumption, pursuant to the terms of Italian Health Ministry decree n° 174, dated 6/4/2004.



### MATERIALS

**Body and bonnet:**

Ductile iron EN-GJS-500-7/EN 1563  
(equivalent to DINGGG50)

**Stem:**

Stainless steel 1.4021 (equivalent to AISI 420)

**Wedge:**

Ductile iron EN-GJS-500-7/EN 1563  
(equivalent to DINGGG50),  
fully coated with EPDM gasket

**Bolts and nuts:**

Stainless steel A2

DN	PN	L		D	D1	D2	H	b	f	Z-ød	Weight (kg)*	
		series 14	series 15								F4	F5
450	10	330	650	615	565	548	1070	30	4	20-Ø28	293	357
	16			640	585	548	1070	30		20-Ø31		
500	10	350	700	670	620	609	1150	31,5	4	20-Ø28	394	459
	16			715	650	609	1180	32		20-Ø34		
600	10	390	800	780	725	720	1310	36	5	20-Ø31	587	657
	16			840	725	720	1310	36		20-Ø37		
700	10	430	900	895	840	794	1570	39,5	5	24-Ø34	840	910
	16			928	840	794	1532	39,5		24-Ø37		
800	10	470	1000	1015	950	901	1740	43	5	28-Ø34	1160	1260
	16			1034	950	901	1740	43		24-Ø41		
900	10	510	1100	1115	1050	1002	1845	46,5	5	28-Ø37	1560	1700
	16			1125	1050	1001	1845	46,5		28-Ø41		
1000	10	550	1200	1230	1160	1112	2070	50	5	28- Ø 33	3020	3250
	16			1255	1170	1112	2070	50		28-Ø44		

(\*) For items complete with gearbox, add 20 kg net to valves weight.