

# RESILIENT SEAT GATE VALVE PN10 WITH PLANETARY GEARBOX

VOC 4241AP-08



## APPLICATION

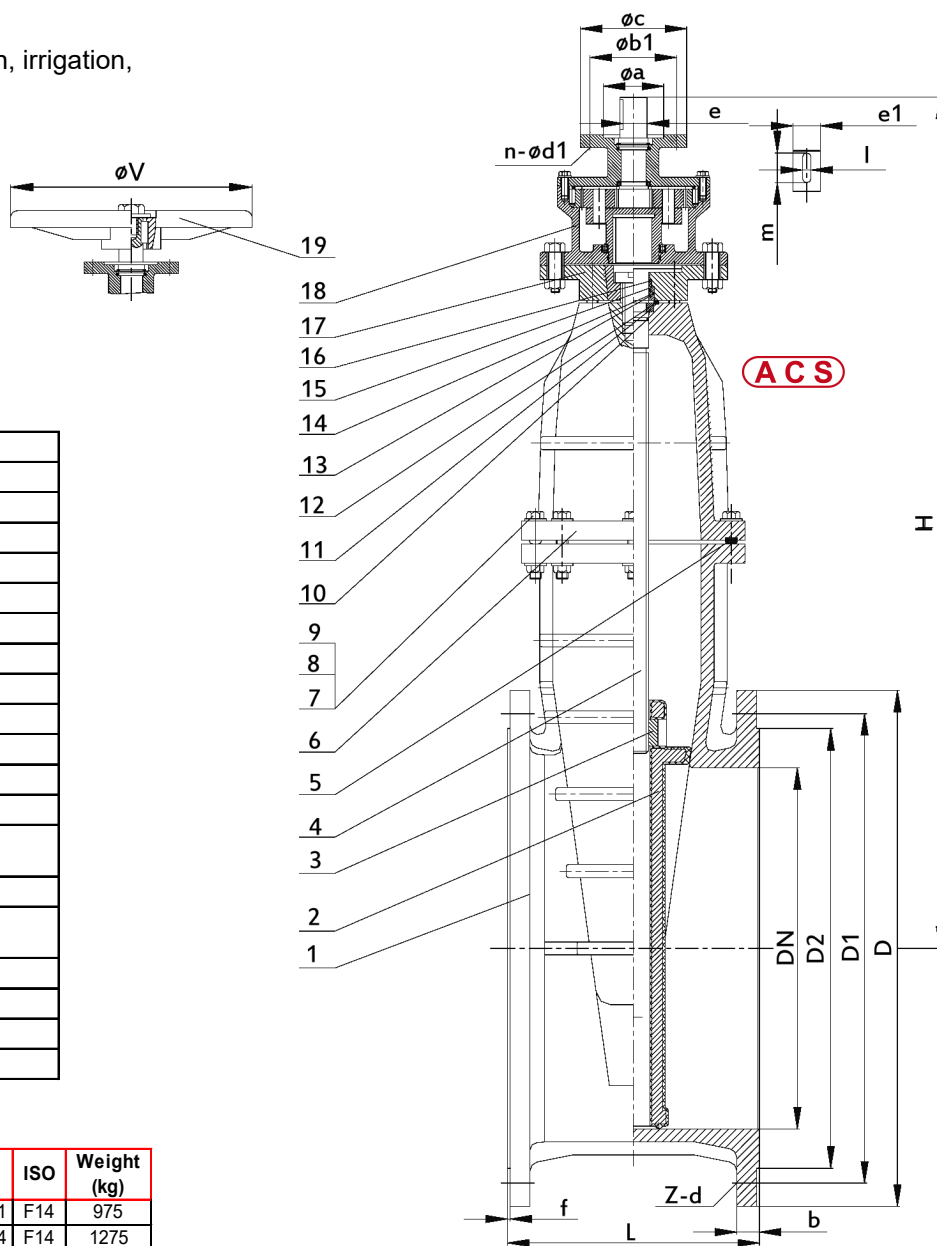
General use : Water supply, fire protection, irrigation, water treatment.

## GENERAL CHARACTERISTICS

Range : from DN700 to DN1200.  
 Non rising stem.  
 Clockwise to close.  
 No zone of retention.  
 Low head losses.  
 With planetary gear box and ISO mounting plate F14.

## CONSTRUCTION

19	Handwheel	
18	Gear box	
17	Gland	Ductile iron GGG50
16	Dust ring	EPDM
15	Seal ring	Brass
14	O-ring	EPDM
13	O-ring	EPDM
12	Minipad	TFL
11	Locating ring	Brass
10	O-ring	EPDM
9	Nut	Carbon steel A3
8	Washer	Carbon steel A3
7	Bonnet bolt	Carbon steel A3
6	Bonnet	Ductile iron GGG50
5	Gasket	EPDM
4	Stem	Stainless steel 2Cr13
3	Stem nut	Brass
2	Wedge	Ductile iron GGG50+EPDM
1	Body	Ductile iron GGG50
Pos.	Description	Material



## DIMENSIONS

DN		D	D1	D2	H	L	b	f	Z-d	ISO	Weight (kg)
mm	inch										
700	28"	928	840	794	1570	430	40	5	24 - Ø31	F14	975
800	32"	1034	950	901	1740	470	43	5	24 - Ø34	F14	1275
900	36"	1125	1050	1001	1845	510	47	5	28 - Ø34	F14	1875
1000	40"	1255	1160	1112	2070	550	50	5	28 - Ø37	F14	3395
1200	48"	1485	1380	1328	2460	630	57	5	32 - Ø40	F16	4600

## MOUNTING PLATE DIMENSIONS

DN		Øa	Øb1	Øc	e	e1	l	m	n-Ød1	ØV	Torque Nm
mm	inch										
700	28"										162
800	32"										189
900	36"	100	140	175	27,5	32	10	35	4-Ø18	400	207
1000	40"										234
1200	48"	130	165	210	36	40			4-Ø22	500	235

## WORKING CONDITIONS

Maximum working pressure : 10 bar.  
 Maximum temperature : +80°C.



The valve must be mounted on horizontal piping in vertical position, with operating stem pointing upwards .  
 Contact us for mounting on vertical or steeply inclined piping.

## STANDARDS

Face to face according to EN558-1 serie 14 and DIN 3202 / F4.  
 Connection according to standard EN 1092-2 ISO PN10.  
 Certificat of health conformity n° 16 ACC LY 039.