

RESILIENT SEAT GATE VALVE

APPLICATION

General use : drinking water.

GENERAL CHARACTERISTICS

Design according to NF EN 1171.

Range : from DN40 to DN400.

Clockwise to close.

Non rising stem.

ACS epoxy coating.

ACS EPDM coated ductile iron wedge.

No zone of retention.

Low head losses.

CONSTRUCTION

9	1	Hand wheel	Ductile iron	DIN: GGG 50 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
8	1	Gasket	ACS EPDM	
7	1	Top nut	Brass	
6	1	Ring	Brass	
5	1	Bonnet	Ductile iron	DIN: GGG 50 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
4	1	Stem	Stainless steel	
3	1	Nut	Brass	
2	1	Wedge	ACS EPDM coated ductile iron	DIN: GGG 50 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
1	1	Body	Ductile iron	DIN: GGG 50 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
Pos.	Qty.	Description	Material	

DIMENSIONS

DN		L	H	ØC	ØD	ØK				f	B	n x d		S1	Ød1	Ød2	h1	Weight (kg)
mm	inch					PN10	PN16	PN10	PN16			PN10	PN16					
40	1 1/2"	140	205	180	150	110	84	3	19	3	19	4 x Ø19	4 x Ø19	12	18	16	37	11
50	2"	150	225	200	165	125	99	3	19	3	19	4 x Ø19	4 x Ø19	12	18	16	37	12
65	2 1/2"	170	250	200	185	145	118	3	19	3	19	4 x Ø19	4 x Ø19	12	20	16	37	15
80	3"	180	275	220	200	160	132	3	19	3	19	8 x Ø19	8 x Ø19	12	20	16	37	18
100	4"	190	310	250	220	180	156	3	19	3	19	8 x Ø19	8 x Ø19	12	20	16	37	23
125	5"	200	365	280	250	210	184	3	19	3	19	8 x Ø19	8 x Ø19	17	24	22	37	36
150	6"	210	400	280	285	240	211	3	19	3	19	8 x Ø23	8 x Ø23	17	24	22	37	44
200	8"	230	490	320	340	295	266	3	20	3	20	8 x Ø23	12 x Ø23	17	26	22	37	68
250	10"	250	575	350	400	350	319	3	22	3	22	12 x Ø28	12 x Ø28	21	28	26	37	96
300	12"	270	665	400	455	400	370	4	24,5	3	24,5	12 x Ø22	12 x Ø28	21	32	26	37	140
350	14"	290	735	450	520	460	429	4	26,5	3	26,5	16 x Ø22	16 x Ø28	24	36	30	37	170
400	16"	310	815	450	560	515	525	4	28	3	28	16 x Ø28	16 x Ø31	24	38	30	37	222

WORKING CONDITIONS

Maximum working pressure : 16 bar.

STANDARDS

Face to face according to EN558-1 serie 14 and

DIN 3202 / F4 Short pattern.

Connection according to standard EN 1092-2

ISO PN10 and ISO 16.

Certificat of health conformity n° 11 ACC LY 453.

