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RESILIENT SEAT GATE VALVE

VOC 4241-00NI

ISO 9001
BUREAU VERITAS
Certification



EAC

Tecofi
VALVE DESIGNER - FRANCE



APPLICATION

General use : for water distribution.

GENERAL CHARACTERISTICS

Full and total bore
Stainless steel non rising stem
Clockwise to close
Sliding pad (to facilitating the wedge movement)
Ductile iron wedge NBR coated
No retention area
Heel positioning
NBR bonnet gasket
Screws bonnet protected
3 NBR O ring on stem
Possibility to change stem gasket under pressure from DN80.
Epoxy painting RAL 5005 color 250 µm thickness
Dust-coat on stem
ISO PN10/16 flanges R.F.



CONSTRUCTION

17	Square	Ductile iron EN GJS-500-7
16	Auto sealing ring	NBR
15	Ring	Nylon 66
14	Stem O ring	NBR
13	Stem O ring	NBR
12	Dust-coat	NBR
11	Handwheel	Ductile iron EN GJS-500-7
10	Nut	Brass CuZn39Pb2
9	Stem O ring	NBR
8	Holding ring	Brass CuZn39Pb2
7	Bonnet	Ductile iron EN GJS-500-7
6	Stem	Stainless steel 420
5	Bonnet screw	Steel C35
4	Bonnet gasket	NBR
3	Stem nut	Brass CuZn39Pb2
2	Wedge	Ductile iron EN GJS-500-7 + NBR
1	Body	Ductile iron EN GJS-500-7
Pos.	Description	Material

DIMENSIONS

DN		L	H	ØV	ØC	ØD	ØK	nxØd	f	b	Weight (kg)
mm	inch										
40	1"1/2	140	190	200	84	150	110	4x19	3	19	7,37
50	2"	150	215	200	99	165	125	4x19	3	19	8,56
65	2"1/2	170	235	200	118	185	145	4x19	3	19	11,30
80	3"	180	265	254	132	200	160	8x19	3	19	14,00
100	4"	190	315	254	156	220	180	8x19	3	19	19,90
125	5"	200	350	315	184	250	210	8x19	3	19	24,20
150	6"	210	385	315	211	285	240	8x23	3	19	31,80

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum working temperature: -10°C / +70°C

STANDARDS

Fabrication according to ISO 9001 :2008
Designing according to DIN 3352.4
Tests according to EN 12266-1, Range A
DIRECTIVE 97/23/CE : Concerned by article 3, § 3
Face to face according to EN 558 series 14 (DIN 3202 F4)
Flanges according to EN 1092-2 PN10/16.

