

THREADED SERVICE GATE VALVES

resilient seated



Type : SERVICE VALVE inner / outer thread – PN 10/16



Materials and construction characteristics :

Body and lid – made of ductile iron GJS-500-7 to PN16 and cast iron GJL-250 to PN10/16, internal body chamber include two guiding ribs what guarante perfect central axis movement, clear opening in the whole inner chamber length

Threaded ends – accordance to EN10226-1:2006

Valve lid – connected to valve body with four bolts with anticorrosive protection seated in blind bolt sockets

Mandrel – made of stainless steel 1.4021 with rolled thread and monolithic construction of the stem flange

Valve resilnet wedge – made of nodular iron GJS-500-7, fully covered by EPDM or NBR rubber. Wedge is shaped to guarantee low friction during often closing and long life

Cleaning gasket – protect spindle against outer impurities

Sealing NBR – O-ring multiple mandrel sealing

Bottom spindle seals – O-rings NBR guarantee leakproofness by placing in material corrosion resistant

Bushing – made of tarmamid, extend spindle guiding, cooperate with o-rings to guarantee sealing

Application :

- In installations: for water, portable water and other neutral fluids at max. 70 ° C
- Leakproofness class - A acc. EN -12266 – 1
- Manufactured acc. to EN 1074 part 1 & 2, Designed according to EN 1171
- Female thread acc. to DIN ISO 228-1 / male thread acc. to DIN EN 10226-1
- Suitable to direct underground installation
- Full inner and outer heavy anti-corrosion epoxy paint with min. level of 250µm in RAL5015 accordance to EN ISO 12944-5:2009 and DIN 30677-2, resistance for electrical breakdown 3kV including
- Quality and repeatability accordance to EN ISO 9001:2008
- Hygienic certificate by National Health Institute – “PZH”



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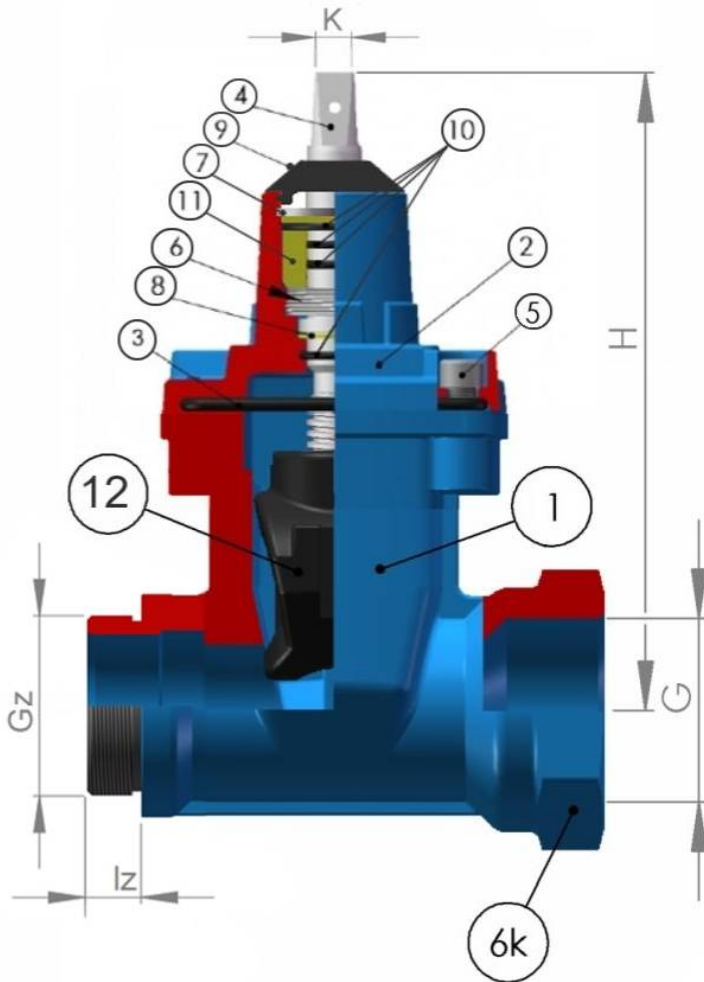
PROGRAM
REGIONALNY

NARODOWA STRATEGIA SPÓJNOŚCI

EFRR – WRPO 2007- 2013

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No	Part	Material
1.	Body	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
2.	Lid	Cast iron EN GJL – 250 / Ductile iron EN GJS 500-7
3.	Gasket	EPDM / NBR
4.	Spindle	Stainless steel X20 Cr13 – 1.4021
5.	Screw	Steel St3S/Zn5 or A2 *
6.	Nut	Ternamide
7.	Blocking ring	Steel St3S/Zn5 or A2 *
8.	Pad	Brass
9.	Gasket	NBR
10.	O-ring	EPDM / NBR
11.	Nut	Brass
12.	Wedge	Ductile iron EN GJS 500-7 / EPDM Ductile iron EN GJS 500-7 / NBR

Technical specification :

G	H	L	I	K	GZ	Catalogue no.	Weight	Versions
[mm]					[" / mm]		[kgs]	
20	178	115	22	14	3/4" / 20	4111	3,2	PN10 / 16
25	178	115	22	14	1" / 25	4111	3,2	PN10 / 16
32	178	130	24	14	5/4" / 32	4111	3,4	PN10 / 16
40	178	130	24	14	6/4" / 40	4111	3,6	PN10 / 16
32	228	175	25	14	6/4" / 40	4211	4,0	PN10 / 16
40	228	175	25	14	2" / 50	4211	4,2	PN10 / 16
50	228	175	25	14	2" / 50	4211	4,5	PN10 / 16

Reflecting continuous progress of product development we reserve right for further construction changes or to produce product accordance to customer request.



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