

SHORT SERIES GATE VALVE VF-001

STANDARD MATERIALS – PRINCIPAL PIECES

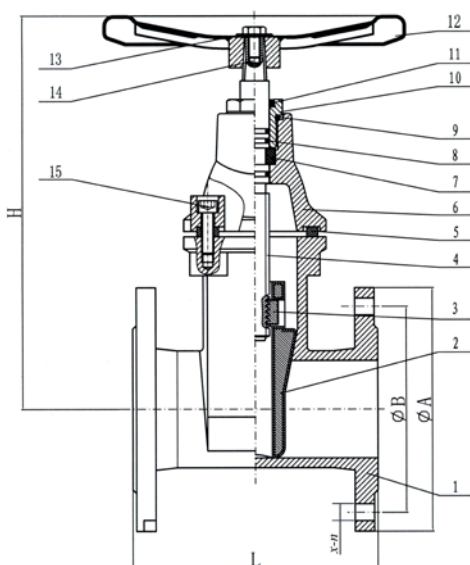
ITEM	PART NAME	#	MATERIAL
1	BODY	1	EN-GJS-500-7 / GGG50
2	WEDGE / DISC	1	QT500-7 (EN-GJS-500-7) / GGG50 / Vulcanized with EPDM
3	WEDGE NUT	1	BRASS (ZCuZn38Mn2Pb2) / UNE EN12165
4	STEM / SPINDLE	1	STAINLESS STEEL AISI 420
5	GASKET / HEAD MAT	1	EPDM
6	BONNET	1	EN-GJS-500-7 / GGG50
7	LOCATING RING / THRUST COLLAR / POSITIONING SETS	1	HPb 59-1 / BS2874 UNI EN12165
8	"O" RING TYPE II	3	NBR
9	"O" RING TYPE I	1	NBR
10	SEALING NUT	1	BRASS (ZCuZn38)
11	DUST PROOF SEALING RING / SCRAPER RING	1	NBR
12	HANDWHEEL	1	EN-GJS-500-7 / GGG50
13	WASHER / FLAT GASKET	1	2Cr13
14	HEXAGONAL BOLT	1	2Cr13
15	HEXAGONAL BOLT	n	35CrMoA

SPECIFICATIONS

RANGE	DN 50 – DN 600
CLASS	PN 10 – PN 16
FACE TO FACE	EN558-1:1996 Basic Series 14 (DIN3352 F4)
VALVE NORM	EN1074-2
FLANGE END	EN1092-2
PRESSURE TEST	EN1074-2
EPDM	EN681-1 / EN1074-1

SHAFT COVER DIMENSIONS AND KEYS

DN	A	B
50-300	63	35
350-600	75	48



DN	Dimensions mm		FLANGE DIN PN10 mm		FLANGE DIN PN16 mm		FLANGE DIN PN10/16 mm
	L	H	ØA	ØB	ØA	ØB	x-n
50	150	235	165	125	165	125	4-Ø19
65	170	278	185	145	185	145	4-Ø19
80	180	305	200	160	200	160	8-Ø19
100	190	340	220	180	220	180	8-Ø19
125	200	395	250	210	250	210	8-Ø19
150	210	445	285	240	285	240	8-Ø23
200	230	545	340	295	340	295	8-Ø23 12-Ø23
250	250	635	400	350	400	355	12-Ø23 12-Ø28
300	270	730	455	400	455	410	12-Ø23 12-Ø28
350	290	775	505	460	520	470	16-Ø23 16-Ø28
400	310	850	565	515	580	525	16-Ø28 16-Ø31
500	350	1000	670	620	715	650	20-Ø28 20-Ø34
600	386	1170	780	725	840	770	20-Ø31 20-Ø37

CHARACTERISTICS:

1. Valve with **PRODUCT CERTIFICATION** according to EN1074-2:2004 norm.
2. **CE** material **certification**.
3. Valves made in ductile iron: GGG50; EN-GJS-500-7; UNE-EN1563:2012; UNE-EN ISO 945.
4. According to EN-1074-2 and EN-1092-2 norms.
5. WRAS product certification (Water Regulations Advisory Scheme) for **contact** and **drinking water production** both for **blue epoxy coating** (AKZO) and EPDM.
6. Blue epoxy coating from at least 300 µm (AKZO NOBEL RESICOAT R4-ES blue RAL 5015).
7. **CLOCKWISE** closing, optional COUNTERCLOCKWISE direction.
8. Valve spindles of **internal non rising** type.
9. All **valve components** can be replaced without removing the body valve from the **supplying pipe**.
10. Valve **suitable** for flow in either direction.
11. Each **valve** is **protected** with **cardboard** and possesses individual **rubber protections**.

REV-1

