

SHUT-OFF DEVICE USED AS IN-BETWEEN FLANGE ARMATURE

WITH HAND WHEEL

OR

PNEUMATIC CYLINDER



- Available with pneumatic cylinder or hand wheel
- The gate valve can be pressurized unidirectional
- On the valve body the word "seatside" is ingrained which shows the position of the seat which has to be flanged on
- You have to care for an exact fit of the counter flange when installing the unit. A wrong installation position can lead to abrasion and malfunction of the gate valve.
- The pneumatic gate valve is usually equipped with a double-acting cylinder. Single-acting cylinders (e.g. spring loaded opening/closing) can also be used. Actuating pressure of 5 to 6 bar is required. Please ensure to use clean air (water separator, oil vaporizer, etc.)

Areas of Application

Details / Explanation

Hand wheel

- Gate body: Gray cast iron
- Gate plate: Stainless Steel 1.4301
- Sealing: Body: Metal
Soft packing: cotton cord

Pneumatic Cylinder

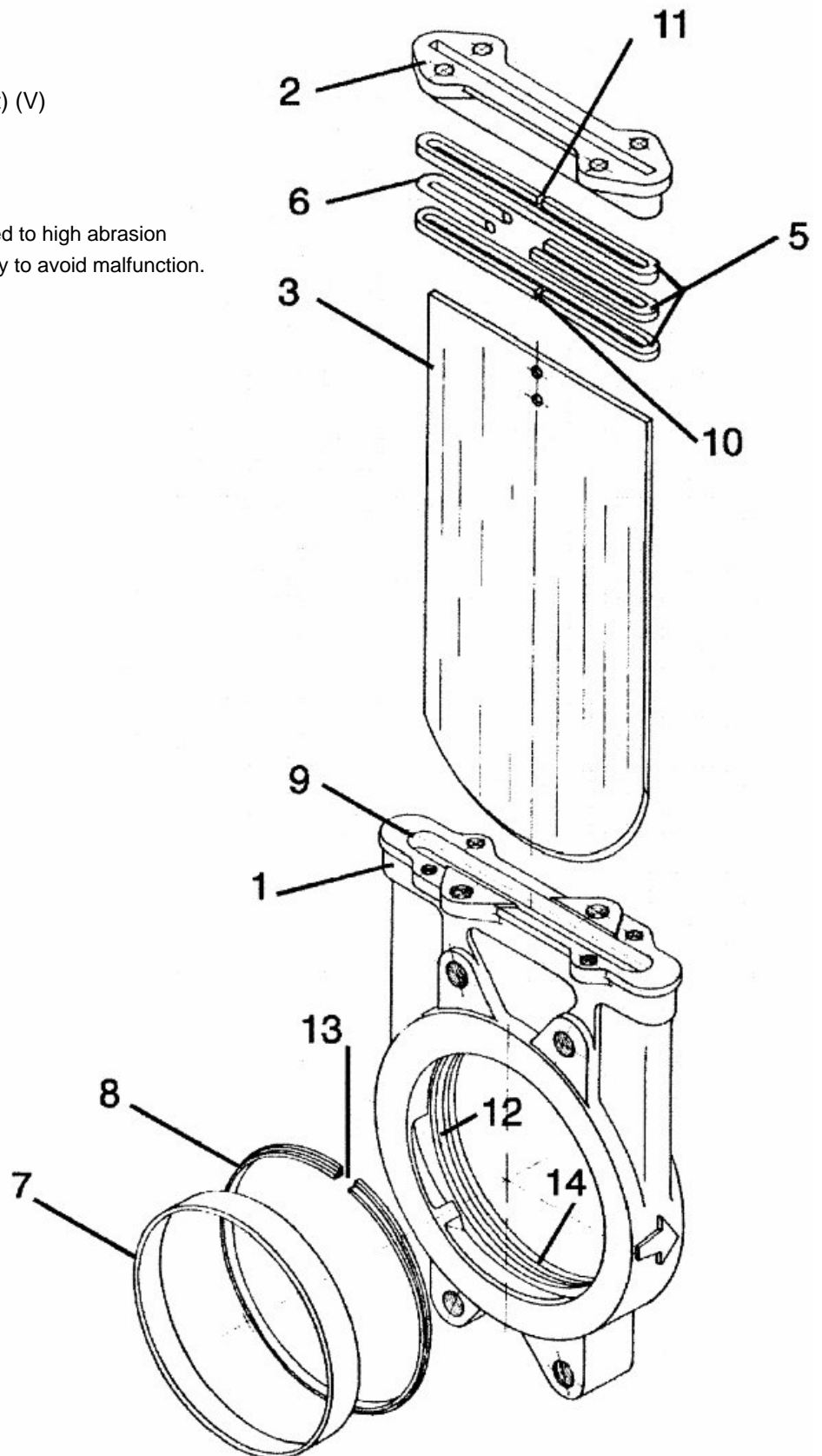
- Gate body: Gray cast iron, coated RAL 5015 (blue)
- Gate plate: Stainless Steel 1.4301, protected
- Sealing: Body: Metal
Soft packing: PTFE impregnated

Finish

Parts list gate:

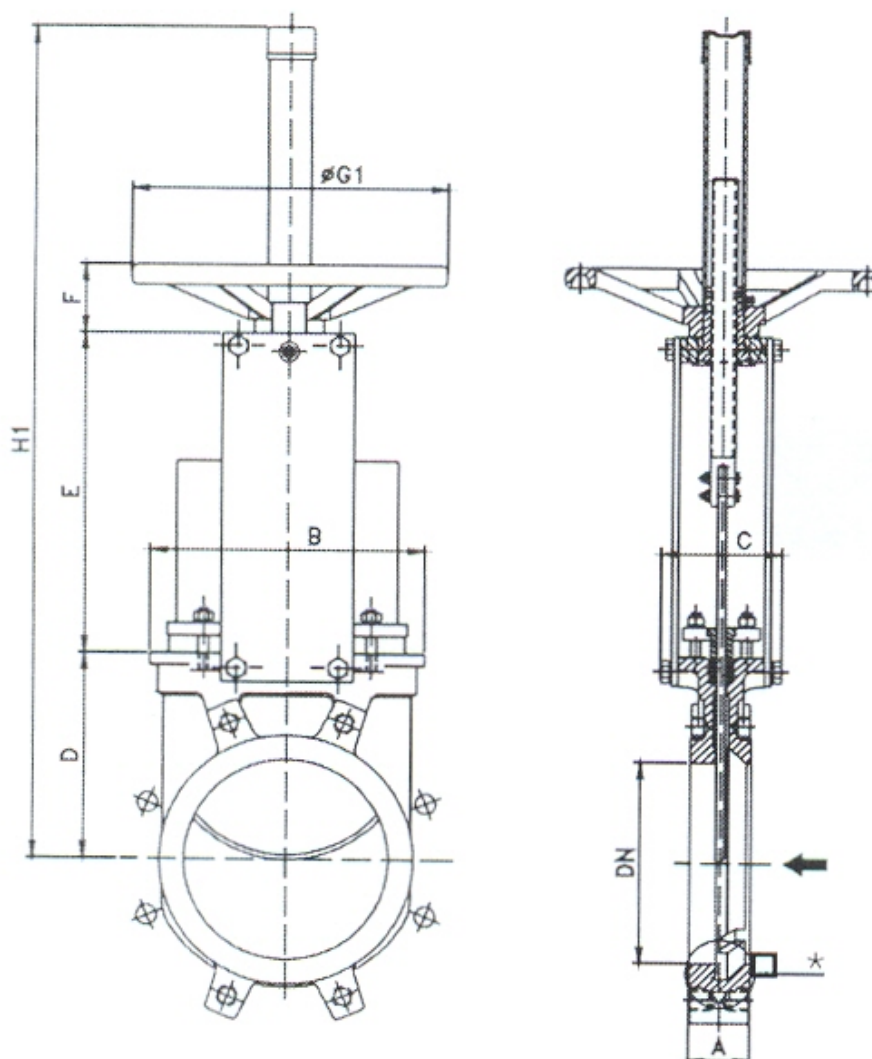
- 1 Body
- 2 Soft packing latch
- 3 Gate plate
- 5 Soft packing kit (V)
- 6 Seal ring (Soft packing kit) (V)
- 7 Holding ring (V)
- 8 Body sealing (V)

The units marked with (V) are exposed to high abrasion and need to be replaced as necessary to avoid malfunction.



Dimensions Round Gate Valve Type Hand wheel

DN	A	B	C	D	E	F	ØG1	H1	X
50	40	124	90	105	46	46	200	426	9
65	40	139	90	115	46	46	200	453	9
80	50	154	90	124	46	46	200	478	9
100	50	174	90	140	46	46	200	519	9
125	50	192	104	150	51	51	250	603	9
150	60	217	104	175	51	51	250	654	9
200	60	270	118	205	68	68	310	825	9
250	70	326	118	250	68	68	310	1028	9
300	70	380	118	300	68	68	310	1127	12
350	96	438	193	338	97	67	410	1332	12
400	100	493	193	392	97	67	410	1436	12
450	106	546	197	432	97	67	550	1600	12
500	110	620	197	485	97	67	550	1713	12
600	110	714	197	590	97	67	550	2028	12



Dimensions Round Gate Valve TYPE Pneumatic Cylinder

DN	ØG2	A	B	C	D	E	G4	H8	H9	K
50	80	40	124	90	105	135	90	170	410	1/4"
65	80	40	139	90	115	152	90	186	453	1/4"
80	80	50	154	90	124	168	90	204	496	1/4"
100	100	50	174	90	140	193	110	225	558	1/4"
125	125	50	192	104	150	217	135	268	635	1/4"
150	125	60	217	104	175	243	135	292	710	1/4"
200	160	60	270	118	205	318	170	355	878	1/4"
250	200	70	326	118	250	373	215	413	1036	3/8"
300	200	70	380	118	300	423	215	463	1186	3/8"
350	250	96	438	193	338	503	274	541	1382	3/8"
400	250	100	493	193	392	553	274	591	1536	3/8"
450	300	106	546	197	432	603	382	669	1704	1/2"
500	300	110	620	197	485	663	382	719	1867	1/2"
600	300	110	714	197	500	793	382	819	2172	1/2"

