



AVK KNIFE GATE VALVE

702/20



Rising stem
With handwheel
Flanges and drillings to ISO 7005-2 (EN 1092-2: 1997, DIN 2501)



Use:

- For water, sewage and neutral liquid applications
 - Valve designed for use up to 70°C
 - Where applicable; for AS 4020 compliance, max temp = 40°C
- Note: Always observe pipe material recommended operating temperatures



Tests:

- Hydraulic test:
 - Seat: 1 x PN
 - Body: 1.5 x PN

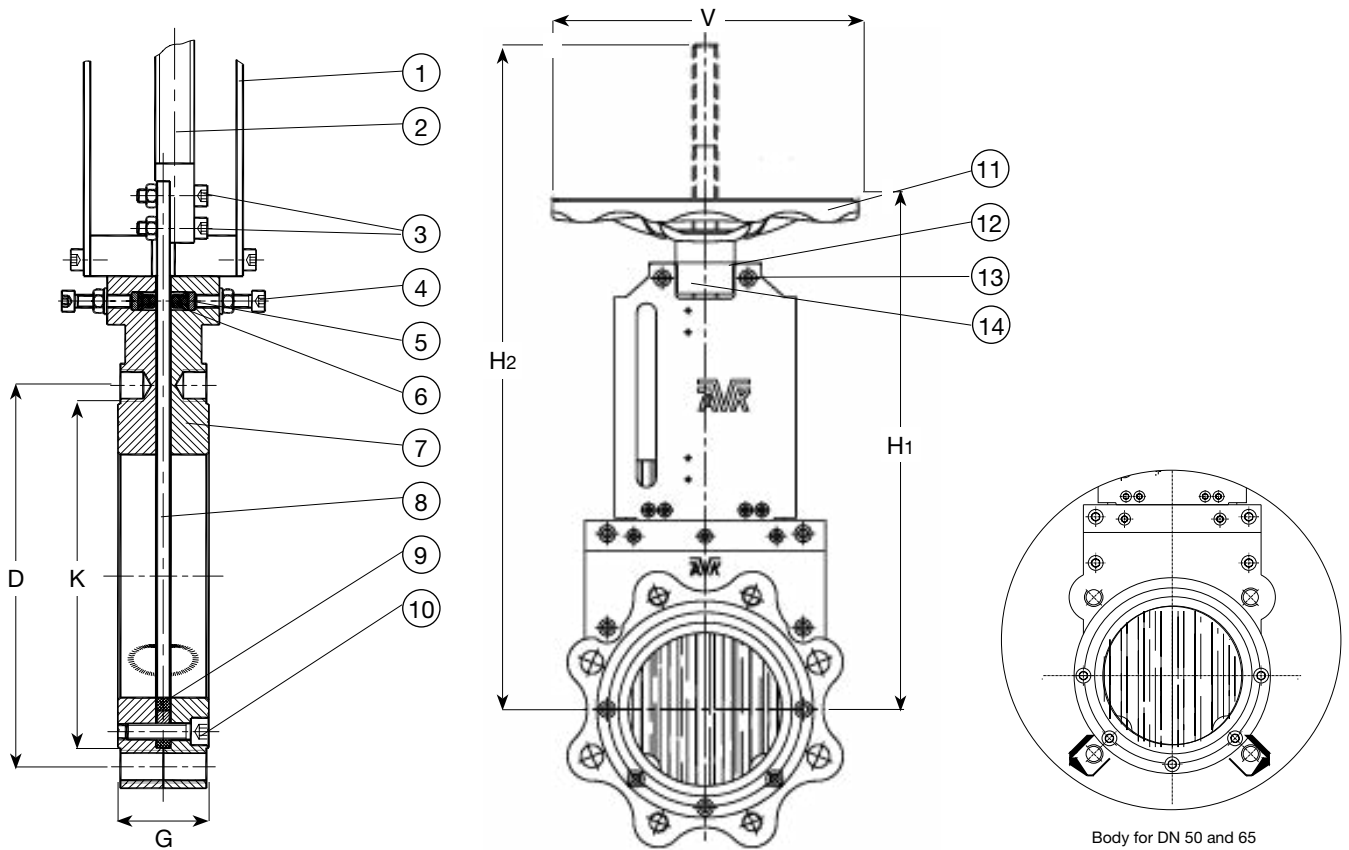
Options:

- Body of Stainless Steel AISI 316
- Gaskets of viton (max 260°C), teflon (max 220°C) or EPDM

Options:

- Handwheel, non rising stem (DN50-600)
- Quick closing lever (DN50-200)
- Pneumatic Actuator (DN50-800)
- Rising stem and ISO flange prepared for actuator (DN50-1500)
- Square stem top for T-key (DN50-300)
- Electric Actuator (DN50-1500)





Component list

1. Column	Stainless Steel 52	8. Gate	Stainless Steel AISI 316
2. Stem	Stainless Steel AISI 316	9. Body gasket	NBR rubber
3. Bolt and nut	Stainless Steel AISI 316	10. Body bolt	Stainless Steel AISI 316
4. Bolt for packing box	Stainless Steel AISI 316	11. Handwheel	Cast Iron, GG-25, to DIN 1691
5. Push rod	Stainless Steel AISI 316	12. Washer	Bronze
6. Packing box		13. Bolt	Stainless Steel AISI 316
7. Body	Cast Iron, GG-25, to DIN 1691	14. Bearing	Stainless Steel 52

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN mm	Working Pressure	H1 mm	H2 mm	V mm	G ± 1 mm	K mm	D mm	Weight kilos
702-050-2013	50	10	275	335	175	43	100	125	6
702-065-2013	65	10	300	376	175	46	120	145	7
702-080-2013	80	10	337	419	225	46	135	160	13
702-100-2013	100	10	375	476	225	52	158	180	15
702-125-2013	125	10	414	541	225	56	188	210	19
702-150-2013	150	10	500	651	300	56	212	240	26
702-200-2003	200	8	602	803	300	60	268	295	43
702-200-2013	200	8	602	803	300	60	268	295	43
702-250-2003	250	8	703	954	300	68	320	350	58
702-250-2013	250	8	703	954	300	68	320	350	58
702-300-2003	300	6	835	1137	400	78	370	400	83
702-300-2013	300	6	835	1137	400	78	370	400	83

0 (2013) = PN10
 1 (2013) = PN16
 ISO 7005.2 flange drilling