

To DIN 3352 Part 4 and SI 61  
 Face to face dimension to DIN 3202, F4, ISO 5752 series 14 and SI 61 short 2  
 Flanges and drilling to ISO 7005-2, AS 2129 table D

**Use:**  
 For water and neutral liquids to max. 70°C  
 Suitable for drinking water

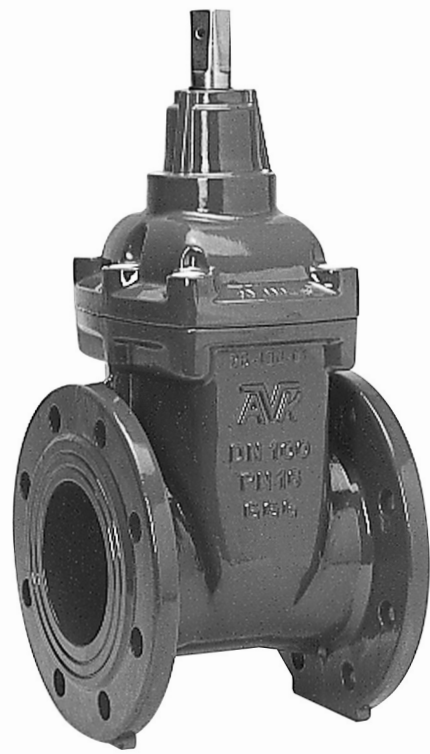
**Tests:**  
 Hydraulic test to SI 61  
 Seat: PN  
 Body: 1.6 x PN  
 Operating torque test  
 Max closing / opening torque: DN 50: 27 Nm  
 DN 80: 37.5 Nm  
 DN 100: 63 Nm  
 DN 150: 63 Nm  
 DN 200: 170 Nm  
 DN 250: 225 Nm  
 DN 300: 225 Nm  
 DN 350: 225 Nm  
 DN 400: 315 Nm  
 as per SI 61 (1999)

**Optional extras:**  
 Handwheel  
 Extension spindle  
 Flange adaptor  
 Stem cap

**Approvals:**  
 Applies to SI 61 soft sealing valves

**Materials:**  
 Body and bonnet Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)  
 Coating Min. 250 microns epoxy ext/int. according DIN 30677 / SI 61 (1999)  
 Stem Stainless steel, DIN X 20 Cr 13  
 Stem sealing NBR wiper ring, 2 NBR O-rings inside and 2 outside a plastic bearing, EPDM rubber manchette  
 Wedge Ductile iron, GGG-50, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874  
 Thrust collar Dezincification resistant brass, CZ 132 to BS 2872  
 Bonnet bolts Stainless steel A2, sealed with hot melt  
 Bonnet gasket EPDM rubber

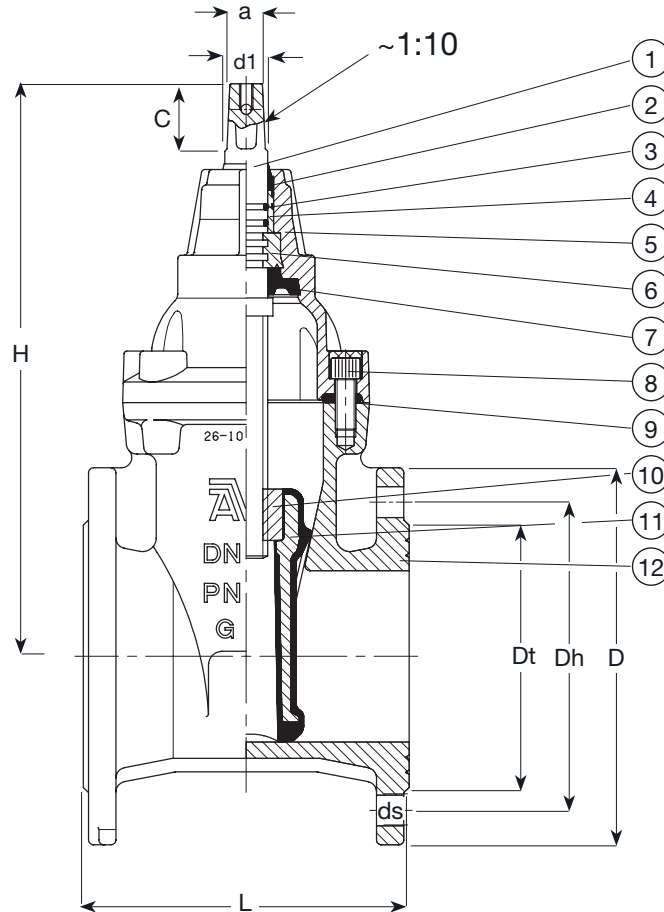
**Marking:**  
 Bonnet GGG 40/50  
 Body PN 16, AVK, Denmark, Water, DN, GGG40/50



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**Component list**

- |                   |                          |                  |
|-------------------|--------------------------|------------------|
| 1. Stem           | 5. Bonnet                | 9. Bonnet gasket |
| 2. NBR wiper ring | 6. Thrust collar         | 10. Wedge nut    |
| 3. NBR O-ring     | 7. EPDM rubber manchette | 11. Wedge        |
| 4. Bearing        | 8. Bonnet bolt           | 12. Body         |



Ref. nos.	DN	PN	L mm	H mm	Dt mm	D mm	Dh mm	ds mm	Holes	Closing torque (max) Nm	a mm	d1 mm	C mm	Weight kilos
06-050-6101605	50	16	150	241	102	165	125	19	4	27	14.3	22	29	12
06-080-6101605	80	16	180	297	138	200	160	19	8	37.5	17.3	25	34	19
06-100-6101605	100	16	190	334	158	220	180	19	8	63	17.3	25	38	25
06-150-6101605	150	16	210	448	212	285	240	23	8	63	19.3	32	38	49
06-200-6100605	200	10	230	562	268	340	295	23	8	170	24.3	36	42	70
06-200-6101605	200	16	230	562	268	340	295	23	12	170	24.3	36	42	70
06-250-6100605	250	10	250	664	320	400	350	23	12	225	27.3	40	47	110
06-250-6101605	250	16	250	664	320	400	355	28	12	225	27.3	40	47	110
06-300-6100605	300	10	270	740	370	455	400	23	12	225	27.3	40	47	160
06-300-6101605	300	16	270	740	370	455	410	28	12	225	27.3	40	47	160
06-350-6100605	350	10	290	930	430	520	460	23	16	225	-	-	55	220
06-350-6101605	350	16	290	930	430	520	470	28	16	225	-	-	55	220
06-400-6100605	400	10	310	960	482	580	515	28	16	315	-	-	55	240
06-400-6101605	400	16	310	960	482	580	525	31	16	315	-	-	55	240