

To EN 1074-2 (BS 5150 / BS 5163 type A)
Face to face dimension to EN 558-F3 (BS 5163)
Flanges and drilling to ISO 7005-2 (EN 1092-2: 1997, DIN 2501)

Use:

For water, sewage and neutral liquids
to max. 70°C

Tests:

Hydraulic test to EN 1074-2 (BS 5163):

Seat: 1.1 PN

Body: 1.5 x PN

Operating torque test

Optional extras:

Handwheel

Extension spindle

Stem cap

Flange adaptor

Materials:

Body	DN 50: Ductile iron, GJS-500-7 to EN 1563, (BS 2789 grade 500-7) DN 65-400: Grey cast iron, GJL-250, to EN 1561 (GG-25 to DIN 1691)
Bonnet	Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)
Coating	Electrostatically applied epoxy coating to DIN 30677-2 and GSK guidelines
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, CW602N to EN 12165 (CZ 132 to BS 2874)
Thrust collar	Dezincification resistant brass, CW602N to EN 12165 (CZ 132 to BS 2872)
Bonnet bolts	Stainless steel A2, sealed with hot melt
Bonnet gasket	EPDM rubber



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Body DN 50:
Ductile iron, GJS-500-7 to EN 1563,
(BS 2789 grade 500-7)

DN 65-400:

Grey cast iron, GJL-250, to EN 1561
(GG-25 to DIN 1691)

Bonnet Ductile iron, GGG-50, to DIN 1693
(BS 2789 grade 500 - 7)

Coating Electrostatically applied epoxy
coating to DIN 30677-2 and GSK
guidelines

Stem Stainless steel 316

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,
CW602N to EN 12165
(CZ 132 to BS 2874)

Thrust collar Dezincification resistant brass,
CW602N to EN 12165
(CZ 132 to BS 2872)

Bonnet bolts Stainless steel A2, sealed with
hot melt

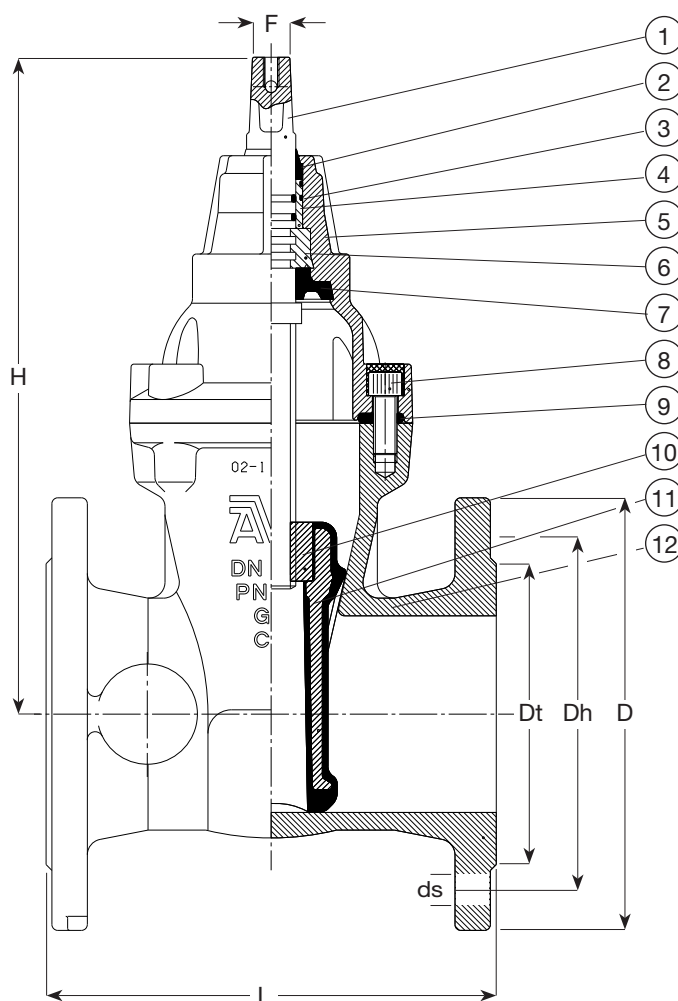
Bonnet gasket EPDM rubber



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Component list

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



Ref. nos.	DN	L mm	H mm	Dt mm	D mm	Dh mm		ds mm		Holes		F mm	Weight kilos
						PN 10	PN 16	PN 10	PN 16	PN 10	PN 16		
02-050-40	50	178	241	102	165	125		19		4		14	13
02-065-40	65	190	271	122	185	145		19		4		17	17
02-080-40	80	203	297	138	200	160		19		8		17	20
02-100-40	100	229	334	158	220	180		19		8		19	26
02-150-40	150	267	448	212	285	240		23		8		19	51
02-200-40	200	292	562	268	340	295	295	23	23	8	12	24	83
02-250-40	250	330	664	320	400	350	355	23	28	12	12	27	132
02-300-40	300	356	740	370	455	400	410	23	28	12	12	27	187
02-400-40	400	406	940	482	575	515	525	28	31	16	16	32	287