

To BS 5163: 1986 type B. Stem sealing exchangeable under pressure
Face to face dimension to BS 5163: 1986
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 BS 5163:

Seat: 1.1 x PN

Body: 1.5 x PN

Operating torque test

Optional extras:

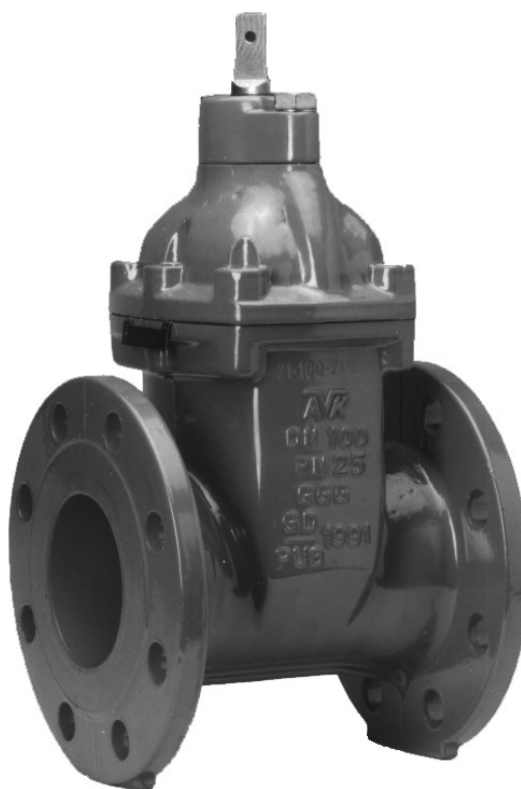
Handwheel
Extension spindle
Flange adaptor
Stem cap

Approvals:

WRAS-approval
WRc-approval
SIRIM-approval (Malaysia)

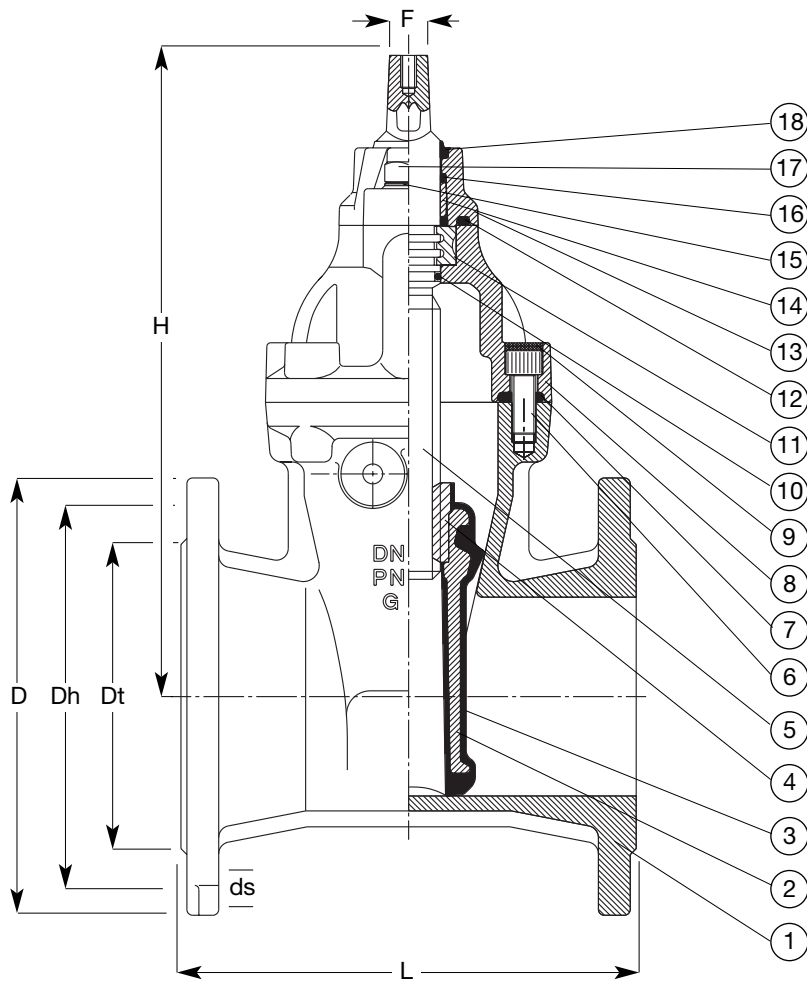
Materials:

Body and bonnet	Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)
gland flange	
Gland flange bolts	Stainless steel 304, BS 970
Coating	Electrostatically applied epoxy resin - Internally and externally
Stem	Stainless steel, BS 970 Gr. 420 S37
Stem sealing	NBR wiper ring, 2 EPDM O-rings
Wedge	Ductile iron, GGG-50, core fully encapsulated with EPDM rubber and having integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874
Stem collar	Dezincification resistant brass, CZ 132 to BS 2872
Bonnet bolts	Stainless steel 304, BS 970, sealed with hot melt
Bonnet gasket	EPDM rubber
DN 50-300:	
Bushing	Polyamid
DN 350-400:	
Stem seal box	Dezincification resistant brass, CZ 132 to BS 2872



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Component list		
1. Body	8. Bonnet	14. Bushing / stem seal box
2. Wedge casting	9. Screw cover	15. Washer
3. Wedge rubber	10. O-ring stem seal	16. O-ring
4. Stem nut	11. Stem collar	17. Gland bolts
5. Stem	12. O-ring	18. Wiper ring
6. Bonnet bolts	13. Gland flange	
7. Bonnet gasket		



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		
21-050-30	50	178	279	98	165	125		19		4		19	14
21-080-30	80	203	294	132	200	160		19		8		19	18
21-100-30	100	229	324	156	220	180		19		8		19	27
21-150-30	150	267	429	211	285	240		23		8		24	51
21-200-30	200	292	531	266	340	295	295	23	23	8	12	27	81
21-250-30	250	330	614	319	405	350	355	23	28	12	12	27	132
21-300-30	300	356	690	370	460	400	410	23	28	12	12	27	177
21-350-30	350	381	867	429	520	460	470	23	28	16	16	32	271
21-400-30	400	406	867	480	580	515	525	28	31	16	16	32	274