



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

RESILIENT SEAT SLUICE GATE VALVE AS 2638 **Figure VGS-C57F – Flanged Ends**

PN 16 Sluice Valve suitable for water, sewage and neutral liquids to max. 70°C.

Flanged ends AS 2129 Table D or E
AS/NZS 4020 40C

Tests:

Hydraulic test to AS 2638.2:

Seat: 0.5 bar / 16 bar

Body: 24 bar

Operating torque test

Materials:

Gland flange, body and bonnet Ductile iron, 500-7 to AS 1831

Stem cap Ductile iron, 400-12 to AS 1831

Coating Electrostatically applied epoxy resin - Internally and externally to AS4158

Stem Stainless steel, 316 S 11

Stem sealing NBR wiper ring, 2 NBR O-rings

Wedge Ductile iron, 500-7 to AS 1831, core fully vulcanised with EPDM rubber, with integral wedge nut of dezincification resistant brass, CZ 132 to AS 2345

Thrust collar and stem seal box Dezincification resistant brass, CZ 132 to AS 2345

Bonnet bolts Stainless steel 304, sealed with hot melt

Gland flange bolts Stainless steel 316

Bonnet gasket EPDM rubber

Also available in sizes to DN1200

PN 25 rubber seated

PN16 – PN35 in metal seated all to AS2638



Options: Handwheel Operator
Gearbox Operator
Extension Spindles
Clockwise open or closed
Flange connections ie D / E
High pressure Table F available
Actuation – Pneumatic / electric

Dimensions overleaf

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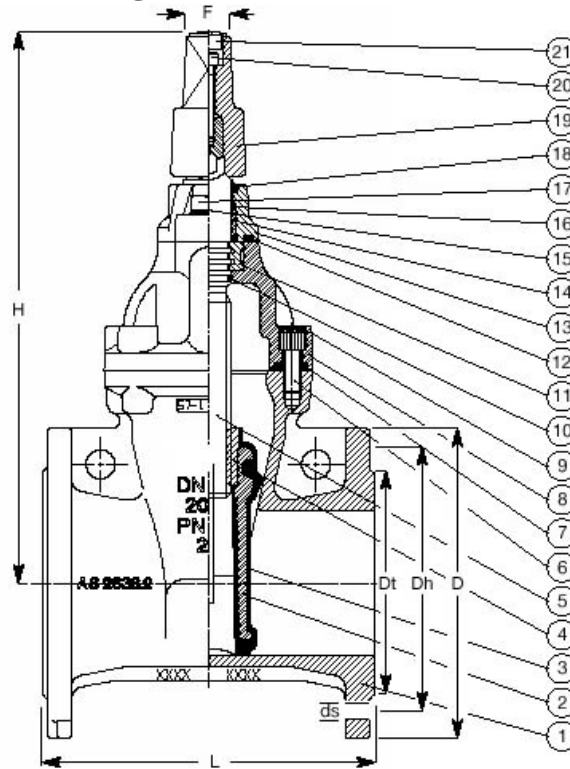
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Figure VGS-C57F – Flanged Ends



Component List

- 1. Valve body
- 2. Wedge casting
- 3. Wedge rubber
- 4. Stem nut
- 5. Stem
- 6. Bonnet bolts
- 7. Bonnet gasket

- 8. Bonnet
- 9. Hot melt seal
- 10. O-ring seal
- 11. Stem collar
- 12. O-ring seal
- 13. Gland flange
- 14. Bushing

- 15. Washer
- 16. O-ring seal
- 17. Gland bolts
- 18. Wiper ring
- 19. Stem cap
- 20. Stem cap bolt
- 21. Insert

Ref. nos.	Size DN	L mm	H mm	Dt mm	D mm	Dh mm	ds mm	Holes	F mm	Weight kilos
57F-050-	50*	178	335	98	165	125		4	35	
57F-080-	80	203	350	122	185	146	18.5	4	35	19
57F-100-	100	229	380	154	215	178	18.5	4	35	27
57F-150-	150	267	485	209	280	235	18.5	8	35	49
57F-200-	200	292	595	264	335	292	18.5	8	35	74
57F-225-	225	305	595	296	370	324	18.5	8	35	98
57F-250-	250	330	680	328	405	356	22.5	8	35	102
57F-300-	300	356	755	376	455	406	22.5	12	35	147
57F-375-	375	381	905	463	550	495	26.5	12	35	240
57F-400-	400*	406	930	503	620	521	26.5	12	35	285

- C clockwise to close, -O clockwise to open * this size not specified in AS 2638

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