

V2-GAN-A125

GATE VALVE, NON RISING STEM

PRODUCT SPECIFICATION SHEET



FEATURES

- Forged brass body
- Non Rising Stem
- Forged brass stem
- NPT / BSP threading

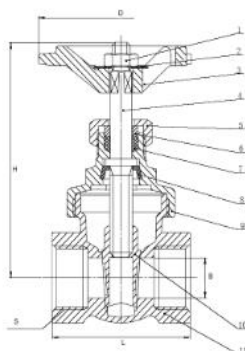
SPECIFICATIONS

Valve sizes: 1/2" to 2" (Threaded ends)
 Nominal pressure: 200 psi from -20 °C to 170 °C
 (Water or non-caustic liquid saturated steam)

NO.	DESCRIPTION	MATERIAL	ASTM STANDARD
1	Wrench Nut	Forged Brass	ASTM B124, C37700
2	Name Plate	Aluminum Plate	Aluminum
3	Handwheel	Gray Cast Iron	ASTM No. 205B
4	Stem	Forged Brass	ASTM B124, C37700
5	Pack Nut	Forged Brass	ASTM B124, C37700
6	Gland	Forged Brass	ASTM B124, C37700
7	Packing	Teflon	PTFE
8	Thrust Sleeve	Forged Brass	ASTM B124, C37700
9	Bonnet	Forged Brass	ASTM B124, C37700
10	Disc	Forged Brass	ASTM B124, C37700
11	Body	Forged Brass	ASTM B124, C37700

DIMENSIONS In (mm)

Size	Part No. For NPT Threading	Part No. For BSP Threading	L	B	H	D
1/2"	V2-GAN-A125-A050	V2-GAN-A125-B015	46	12.85	75.8	55
3/4"	V2-GAN-A125-A075	V2-GAN-A125-B020	50	18.6	92	55
1"	V4-GAN-A125-A100	V4-GAN-A125-B025	55	23.5	100	72
1 1/2"	V4-GAN-A125-A125	V4-GAN-A125-B032	61	29.5	115.5	72
1 1/2"	V4-GAN-A125-A150	V4-GAN-A125-B040	63.5	36.5	129	80
2"	V4-GAN-A125-A200	V4-GAN-A125-B050	72	49.5	153	100



V5-GAN-GP16 SERIES

RESILIENT SEATED GATE VALVE, NON RISING STEM (HAND WHEEL)

PRODUCT DATA



FEATURES

- Ductile iron body
- Stainless steel stem
- Full port type, lowest pressure lost
- O-ring packing in up seal, no leakage

SPECIFICATIONS

Valve comply with EN1171-2002, MSS SP-70
 High strength thrust collar
 Flange EN1092-2, class 125
 Resilient sealing
 Internally and externally fusion bonded epoxy powder coated (FBE)
 Sizes: DN50 - DN600
 Nominal pressure: 16 bar at -10°C to 120°C
 Test pressure: Shell (Water) - 24 Bar
 Test pressure: Seat (Water) - 17.6 Bar

MATERIAL

No	Description	Material	EN Specs	ASTM specs
1	Body	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
2	Bonnet	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
3	Wedge	DI With EPDM Coated	EN-JS1050	ASTM A536 65-45-12
4	Thrust Collar	Brass	2874 CZ 124	B16 C36000
5	Stem Nut	Brass		B584 C84400
6	Stem	Stainless Steel	BS970 420S37	AISI 420
7	O-Ring	EPDM	Commercial	Commercial
8	Gasket	EPDM	Commercial	Commercial
9	Gland	Ductile Iron	EN-JS 1050	ASTM A536 65-45-12
10	Wrench Nut	Ductile Iron	EN-JS 1050	ASTM A536 65-45-12
11	Hand Wheel	Ductile Iron	EN-JS 1050	ASTM A536 65-45-12

V4-CWD-GP16 SERIES

WAFER BUTTERFLY CHECK VALVES

PRODUCT DATA



FEATURES

- Cast iron body
- Stainless steel disc
- Compact size
- Quick close, preventing water hammer
- Easy installation, either vertical or horizontal
- Reliable and safe

SPECIFICATIONS

Valve sizes: DN50 - DN600
 Nominal pressure: 16 bar at -10°C to 120°C
 Test pressure: Shell (Water) - 24 Bar
 Test pressure: Seat (Water) - 17.6 Bar

MATERIAL

No	Description	Material	BS standard	ASTM specs
1	Body	Cast Iron	EN-JL1040	ASTM A126 Class B
2	Disc	Stainless Steel	BS970 304S15	A351 CF8
3	Seat	EPDM/ NBR/ Viton	Commercial	Commercial
4	Hinge Pin	Stainless Steel	BS970 420S37	AISI 420
5	Stop Pin	Stainless Steel	BS970 420S37	AISI 420
6	Pin Retainer	Stainless Steel	BS970 304S15	AISI 304
7	Spring	Stainless Steel	BS970 304S15	AISI 304
8	Washer	PTFE	Commercial	Commercial
9	Gasket	EPDM/ NBR/ Viton	Commercial	Commercial

V5-YST-GP16 SERIES

Y - STRAINER

PRODUCT DATA



FEATURES

- Ductile iron body
- Stainless steel filter stem

SPECIFICATIONS

Flange EN1092-2, class 125
 Screens are perforated 304 stainless steel with spot welded seam
 Internally and externally fusion bonded epoxy powder coated (FBE)
 Sizes: DN50 - DN600
 Nominal pressure: 16 bar at -10°C to 120°C
 Test pressure: Shell (Water) - 24 Bar
 Test pressure: Seat (Water) - 17.6 Bar

MATERIAL

No	Description	Material	EN Specs	ASTM specs
1	Body	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
2	Cover	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
3	Screen	Stainless Steel	BS970 304S15	AISI 304
4	Gasket	Graphite	Commercial	Commercial
5	Plug	Ductile Iron	EN-JS1050	ASTM A536 65-45-12

STANDARD SCREEN

Size	Hole Dia.	Free Flow Area
DN50 to DN80	1.5mm	33%
DN100 to DN600	3.0mm	40%