

GATE VALVES



Description

Designed and manufactured as a broad product range, in a wide choice of corrosion resistant materials, for long service life under arduous conditions in numerous industries.

Valve Range

Size Range

- 1/2" – 36" DN15 - DN900 CL150
- 1/2" – 24" DN15 - DN600 CL300

End Connection Options

- Flanged, Screwed, Socket / Butt Weld all to ANSI, API, BS, PN, and ISO

Design Standards

- Generally designed to API600 / BS1414 / BSEN12288 / MSS-SP80 / BS5154 Series A

Design Configurations

- Bolted / Union Bonnet
- Rising / Non-Rising Stem
- Inside / Outside Screw Stem
- Solid / Flexible Wedge

Testing Standards

- API 598
- BS EN 12266 – 1 (BS6755 PT1)

Specials

- Class 600-900-1500 Valves
- Cryogenic Valves
- Parallel Slide Valves
- Hull / Sonar Valves

Quality Services

- Hydrostatic / Pneumatic Pressure Testing
- Positive Material Identification
- Full Material Traceability backed by BS EN 10204 3.1.B / 3.1.C Certification
- Dye Penetrant / Magnetic Particle Examination
- Radiographic Testing
- Ultrasonic Testing
- Hardness Testing
- Visual and Dimensional Examinations
- Vendor Document Manuals
- BS EN ISO9001: 2000
- Pressure Equipment Directive 97/23/EC
- ATEX Directive 94/9/EC
- Shock Calculations

Contact Information

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Shipham Valves

ESTABLISHED 1798

GATE • GLOBE • BALL • CHECK • BUTTERFLY • STRAINER • HYDRANT

GA SERIES GATE VALVES

Valve Configurations

No.	Bonnet Design	Screw Type	Handwheel Design	End Connection	Size Range	Pressure Rating	Materials Available
GA01	Union	Inside	Rising	Screwed female	1/4" – 3" (DN8 – DN80)	PN32	A B D E G H J
GA02	Union	Inside	Rising	Flanged	1/2" – 3" (DN15 – DN80)	Class 150	A B D E G H J
GA03	Bolted	Outside	Rising	Flanged	1/2" – 3" (DN15 – DN80)	Class 150	A B D E G H J
GA04	Bolted	Outside	Rising	Flanged	1/2" – 1 1/2" (DN15 – DN40)	Class 150	K L M N P Q R T
GA05	Bolted	Outside	Non Rising	Flanged	2" – 42" (DN50 – DN1050)	Class 150	A B K L M N P Q R T
GA05	Bolted	Outside	Non Rising	Flanged	8" – 12" (DN200 – DN300)	Class 150	C D E F G H J
GA08	Bolted	Outside	Non Rising	Flanged	4" – 6" (DN100 – DN150)	Class 150	C D E F G H J
GA09	Bolted	Inside	Non Rising	Flanged	4" – 6" (DN100 – DN150)	Class 150	C D E F G H J
GA31	Union	Inside	Rising	Screwed female	1/4" – 3" (DN8 – DN80)	Class 300	G H
GA33	Bolted	Outside	Rising	Flanged	1/2" – 3" (DN15 – DN80)	Class 300	A B G H J
GA34	Bolted	Outside	Rising	Flanged	1/2" – 1 1/2" (DN15 – DN40)	Class 300	K L M N P Q R T
GA35	Bolted	Outside	Non Rising	Flanged	2" – 24" (DN50 – DN600)	Class 300	A B K L M N P Q R T
GA35	Bolted	Outside	Non Rising	Flanged	2" – 12" (DN50 – DN300)	Class 300	F G H J

N.B. For GA01, GA02 and GA31 Size 3" DN80 with Bolted Bonnet

Materials of Construction

Code	Body/Bonnet	Wedge	Stem
A	Nickel Aluminium Bronze	Nickel Aluminium Bronze	Nickel Aluminium Bronze
B	Nickel Aluminium Bronze	Alloy 400	Alloy 400 / Alloy K500
C	Bronze ASTM B62	Bronze ASTM B62	Nickel Aluminium Bronze
D	Bronze ASTM B62	Nickel Aluminium Bronze	Nickel Aluminium Bronze
E	Bronze ASTM B62	Alloy 400	Alloy 400 / Alloy K500
F	Bronze ASTM B61	Bronze ASTM B61	Nickel Aluminium Bronze
G	Bronze ASTM B61	Nickel Aluminium Bronze	Nickel Aluminium Bronze
H	Bronze ASTM B61	Alloy 400	Alloy 400 / Alloy K500
J	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
K	Alloy 400	Alloy 400	Alloy 400 / Alloy K500
L	Titanium	Titanium	Titanium
M	Alloy 400	Alloy 20	Alloy 20
N	Alloy 625	Alloy 625	Alloy 625
P	6Mo Stainless steel	6Mo Stainless steel	6Mo Stainless steel
Q	Duplex Stainless steel	Duplex Stainless steel	Duplex Stainless steel
R	Nickel Moly Alloy B&C	Nickel Moly Alloy B&C	Nickel Moly Alloy B&C
T	Alloy 825	Alloy 825	Alloy 825

Optional Extras

- Locking Devices
- Actuation
- Open / Shut Indication
- Renewable Seats 2" (DN50 and above)
- Flexible Wedge 3" (DN80 and above)
- Painting
- Tagging / Marking
- Special Bolting Materials
- Gland Packing & Joint Materials
- Extension Pedestal Assembly for Underground Operation
- Soft Wedge Faces

Design and manufacture of high alloy valves outside this material range, or with a higher class rating, can be considered. We welcome the opportunity to evaluate your specific requirements.



GA01



GA02



GA03



Special Ship Hull Gate Valve



FM00732
BS EN ISO9001: 2000

www.shipham-valves.com



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