

CHECK VALVES



Description

Designed and manufactured in a wide choice of corrosion resistant materials to prevent potentially hazardous reverse flow in numerous industries.

Valve Range

Size Range

- 1/2" – 24" DN15 – DN600 CL150
- 1/2" – 20" DN15 – DN500 CL300

End Connection Options

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

Design Standards

- Generally designed to BS1868 / BS5154 Series A / MSS-SP80

Design Configurations

- Bolted / Union / Screwed Bonnet
- Swing / Lift / Wafer / Dual Plated

Testing Standards

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

Specials

- Class 600-900-1500 Valves
- Cryogenic Valves
- Storm Valves
- Vertical Inline Lift Check 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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Shiphams Valves

E S T A B L I S H E D 1 7 9 8

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

SC LC SERIES CHECK VALVES

Valve Configurations

No.	Bonnet Design	Screw Type	End Connection	Size Range	Pressure Rating	Materials Available
LC01	Union	Lift	Screwed Female	1/2" – 2" (DN15 – DN50)	PN32	A B D E G H J
LC02	Union	Lift	Flanged	1/2" – 2" (DN15 – DN50)	Class 150	A B D E G H J
SC01	Screwed	Swing	Screwed Female	1/4" – 4" (DN8 – DN100)	PN32	A B C D E F G H J
SC02	Screwed	Swing	Flanged	1/2" – 2" (DN15 – DN50)	Class 150	A B C D E F G H J
SC03	Bolted	Swing	Flanged	2 1/2" – 24" (DN65 – DN600)	Class 150	C D E F G H J
SC04	Bolted	Swing	Flanged	2 1/2" – 24" (DN65 – DN600)	Class 150	A B
SC05	Bolted	Swing	Flanged	1/2" – 24" (DN15 – DN600)	Class 150	K L M N P Q R T
SC05	Bolted	Swing	Flanged	1/2" – 6" (DN15 – DN150)	Class 150	Z
SC31	Screwed	Swing	Screwed Female	1/4" – 2" (DN8 – DN50)	Class 300	F G H
SC33	Bolted	Swing	Flanged	1/2" – 20" (DN15 – DN500)	Class 300	F G H J
SC35	Bolted	Swing	Flanged	1/2" – 20" (DN15 – DN500)	Class 300	A B K L M N P Q R T
SC35	Bolted	Swing	Flanged	1/2" – 6" (DN15 – DN150)	Class 300	Z

Materials of Construction

Code	Body/Bonnet	Disc	Hinge
A	Nickel Aluminium Bronze	Nickel Aluminium Bronze	Nickel Aluminium Bronze
B	Nickel Aluminium Bronze	Alloy 400	Alloy 400
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
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
J	Phosphore Bronze	Phosphor Bronze	Phosphor Bronze
K	Alloy 400	Alloy 400	Alloy 400
L	Titanium	Titanium	Titanium
M	Alloy 20	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
Z	Zirconium	Zirconium	Zirconium

Optional Extras

- Renewable Seats (2" DN50 and above)
- Painting
- Tagging / Marking
- Special Bolting Materials
- Joint Materials
- Anti-Slam
- Spring-Assisted

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.



SC02



SC01



LC01



FM00732
BS EN ISO9001: 2000

www.shipham-valves.com



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ESTABLISHED 1798