

# Jinbo Marine

Marine &amp; Offshore Equipment Datasheet

PRODUCT DATASHEET

## GB MARINE CHECK VALVE

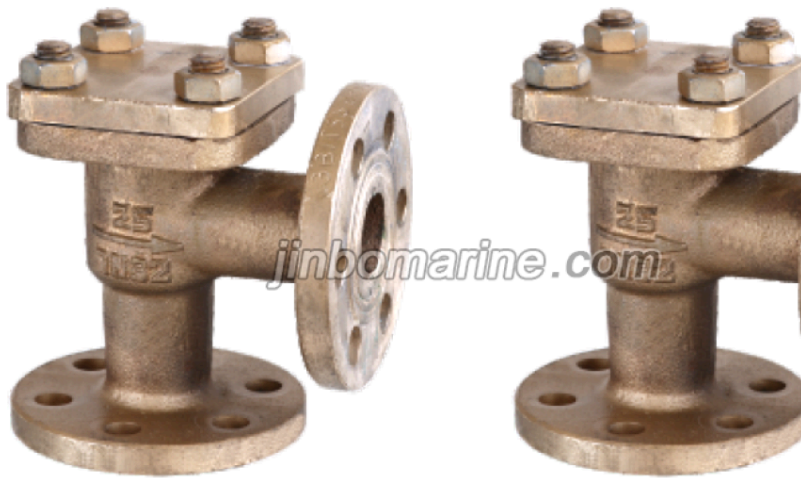
# Marine Bronze Angle Lift Check Valve GB/T589-93 Type B/BS

ISO9001 Supplier

Class Certificate

Export Supply

Marine Bronze Angle Lift Check Valve GB/T589-93 is the angle non-return valve used on the marine angle pipe system to prevent the back flow of medium. Technical Specification: Design Standard: GB/T598-93 ...



**B/BS**

### Key Highlights

Category	GB Marine Check Valve
Standard	GB
Material	Nominal Pressure(Mpa) Nominal Diameter(mm) Applicable Medium 0.6 15~125 ...
Weight / Size	GB600 Flange size as per GB569, GB2501 Hydraulic Test Pressure:
Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

Category	GB Marine Check Valve	Model / SKU	Marine-Bronze-Angle-Lift-Check-Valve-GB-T589-93-Type-B-BS
Standard	GB	Material	Nominal Pressure(Mpa) Nominal Diameter(mm) Applicable Medium 0.6 15~125 sea water, fresh water, lubrication oil, fuel oil, steam not over 250°C 1.0 65~125 1.6 65~125 2.5 15~100 Main Material:
Weight / Size	GB600 Flange size as per GB569, GB2501 Hydraulic Test Pressure:	Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS
Warranty	12 Months unless specified otherwise	Origin	China

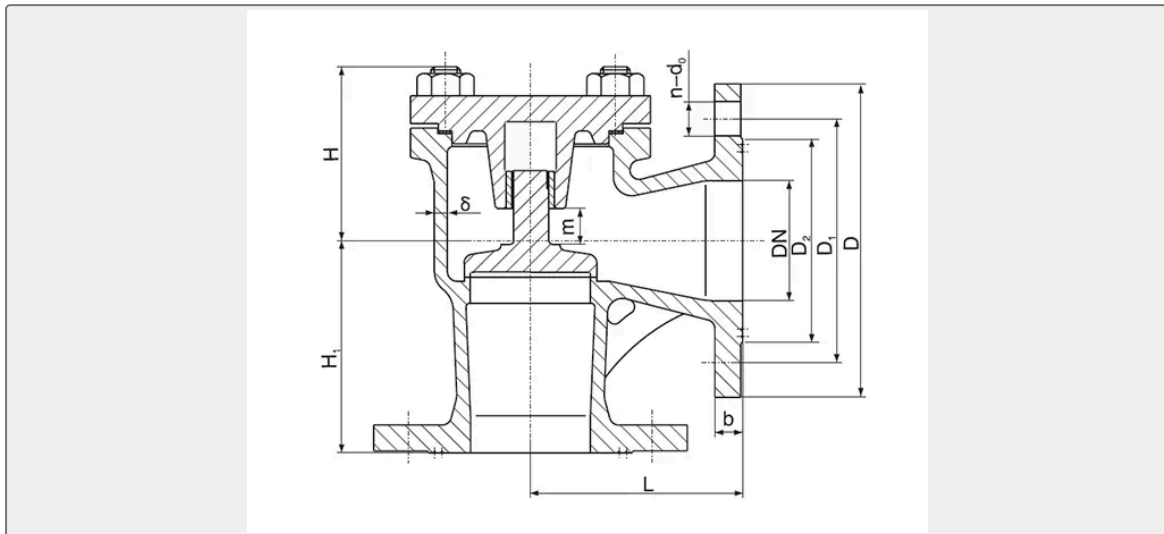


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- Main Size List(mm):

## China Marine Bronze Angle Lift Check Valve GB/T589-93 Type B/BS:



Marine Bronze Angle Lift Check Valve GB/T589-93 is the angle non-return valve used on the marine angle pipe system to prevent the back flow of medium.

### Technical Specification:

Design Standard: GB/T598-93

Test Standard: GB600

Flange size as per GB569, GB2501

Hydraulic Test Pressure: 1.5 time of nominal pressure for body, 1.1 times of nominal pressure for seat.

Nominal Pressure(Mpa)	Nominal Diameter(mm)	Applicable Medium
0.6	15~125	sea water, fresh water, lubrication oil, fuel oil, steam not over 250°C
1.0	65~125	
1.6	65~125	
2.5	15~100	

### Main Material:

Body-Bronze

Bonnet-Bronze

Disc-Bronze

Seat-Bronze

## Main Size List(mm):

Type B (Flange size as per GB569):

PN (MPa)	DN (mm)	Structure Dimension					Thicknes s $\delta$	Flange					Bolt		Lift Range m	Weight(kg)	
		L		H $\approx$		H1		D	D1	D2	d 0	b	n	Th		A	B
		A	B	A	B	B											
1.0	65	29 0	11 5	12 3	94	11 5	6	15 5	12 3	10 4	1 5	1 4	6	M1 4	19	12. 2	11. 3
	80	31 0	12 5	13 9	10 4	12 5	6	17 0	13 8	11 8	1 5	1 4	8	M1 4	23	16. 4	14. 3
	100	35 0	15 0	16 0	11 7	13 5	6	19 0	15 8	13 8	1 5	1 4	8	M1 4	28	24. 6	22. 7
	125	40 0	17 5	18 5	12 9	15 5	7	21 5	18 3	16 4	1 5	1 4	1 0	M1 4	35	37	30. 4
1.6	125	40 0	17 5	19 7	14 3	15 5	7	22 5	18 7	16 8	1 7	1 7	1 0	M1 6	35	45. 8	40. 0
2.5	20	15 0	75	79	66	75	5	95	68	48	1 3	1 2	4	M1 2	6	3.6	3.5
	25	16 0	80	80	67	80	5	10 5	73	56	1 3	1 3	4	M1 2	7	4.3	4.1
	32	18 0	85	85	68	85	5	11 5	83	64	1 5	1 3	6	M1 4	9	5.0	4.8
	40	20 0	90	88	76	90	5	12 5	93	74	1 5	1 4	6	M1 4	12	6.3	6.0
	50	23 0	95	10 9	85	95	6	13 5	10 3	84	1 5	1 4	6	M1 4	15	8.6	8.2
	65	29 0	11 5	12 3	94	11 5	7	17 0	13 2	11 0	1 7	1 7	8	M1 6	19	13. 5	11. 5
	80	31 0	12 5	15 0	11 0	12 5	8	18 5	14 7	12 6	1 7	1 9	8	M1 6	23	19. 8	17. 3
	100	35 0	15 0	15 5	11 8	13 5	8	20 5	16 7	14 6	1 7	1 9	1 0	M1 6	28	30. 5	25. 7

Type AS, BS (Flange size as per GB2501):

PN (MPa)	DN (mm)	Structure Dimension					Thickness $\delta$	Flange					Bolt		Lift Range m	Weight(kg)	
		L		H $\approx$		H1		D	D1	D2	d 0	b	n	Th		AS	BS
		AS	BS	AS	BS	BS											

0.6	15	13 0	90	84	70	90	4	80	55	40	1 1	1 2	4	M1 0	7	3.0	3.2
	20	15 0	95	84	70	95	4	95	65	50	1 1	1 2	4	M1 0	7	3.4	3.6
	25	16 0	10 0	84	70	10 0	4	10 0	75	60	1 1	1 4	4	M1 0	7	3.8	4.0
	32	18 0	10 5	90	70	10 5	5	12 0	90	70	1 4	1 5	4	M1 2	9	5.6	5.4
	40	20 0	11 5	10 1	77	11 5	5	13 0	10 0	80	1 4	1 6	4	M1 2	12	7.1	6.8
	50	23 0	12 5	11 0	80	12 5	5	14 0	11 0	90	1 4	1 7	4	M1 2	15	8.3	9.2
	65	29 0	14 5	12 2	89	14 5	6	16 0	13 0	11 0	1 4	1 7	4	M1 2	19	16. 4	12. 2
	80	31 0	15 5	15 3	11 2	15 5	6	19 0	15 0	12 8	1 8	1 9	4	M1 6	23	18. 3	17. 7
	100	35 0	17 5	16 2	11 3	17 5	6	21 0	17 0	14 8	1 8	2 0	4	M1 6	28	28. 0	23. 8
	125	40 0	20 0	18 2	12 3	20 0	7	24 0	20 0	17 8	1 8	2 0	8	M1 6	35	34. 0	31. 9
1.6	65	29 0	14 5	13 6	97	14 5	6	18 5	14 5	12 2	1 8	1 7	4	M1 6	19	15. 6	14. 4
	80	31 0	15 5	15 8	11 7	15 5	6	20 0	16 0	13 3	1 8	1 9	4	M1 6	23	22. 0	20. 8
	100	35 0	17 5	17 0	12 1	17 5	6	22 0	18 0	15 8	1 8	2 0	8	M1 6	28	36. 5	31. 3
	125	40 0	20 0	18 5	12 9	20 0	7	25 0	21 0	18 4	1 8	2 2	8	M1 6	35	43. 0	37. 2

2.5	15	13 0	90	84	70	90	5	95	65	47	1 4	1 2	4	M1 2	7	4.4	4.2
	20	15 0	95	84	70	95	5	10 5	75	58	1 4	1 2	4	M1 2	7	4.8	4.6
	25	16 0	10 0	84	70	10 0	5	11 5	85	68	1 8	1 4	4	M1 2	7	5.2	5.4
	32	18 0	10 5	90	70	10 5	5	14 0	10 0	78	1 8	1 5	4	M1 6	9	7.3	7.1
	40	20 0	11 5	10 1	77	11 5	5	15 0	11 0	88	1 8	1 6	4	M1 6	12	9.1	8.7
	50	23 0	12 5	11 0	81	12 5	6	16 5	12 5	10 2	1 8	1 7	4	M1 6	15	10. 9	10. 7
	65	29 0	14 5	13 6	97	14 5	7	18 5	14 5	12 2	1 8	1 7	8	M1 6	19	15. 9	14. 7
	80	31 0	15 5	15 8	11 7	15 5	7	20 0	16 0	13 3	1 8	1 9	8	M1 6	23	22. 2	21. 1
	100	35 0	17 5	17 0	12 1	17 5	8	23 5	19 0	15 8	2 2	2 0	8	M2 0	28	37. 0	3.8