

GB MARINE QUICK CLOSING VALVE

Marine Pneumatic Quick Closing Valve  
GB/T5744-2008 Type AQ/AQS

ISO9001 Supplier

Class Certificate

Export Supply

Quick Closing Valve for Marine Use GB/T5744-2008 is mainly used on the marine oil pipe system to shut off the oil flow quickly. It can be manual or pneumatic. Technical Specification: Design Standard: GB/T574...



Key Highlights

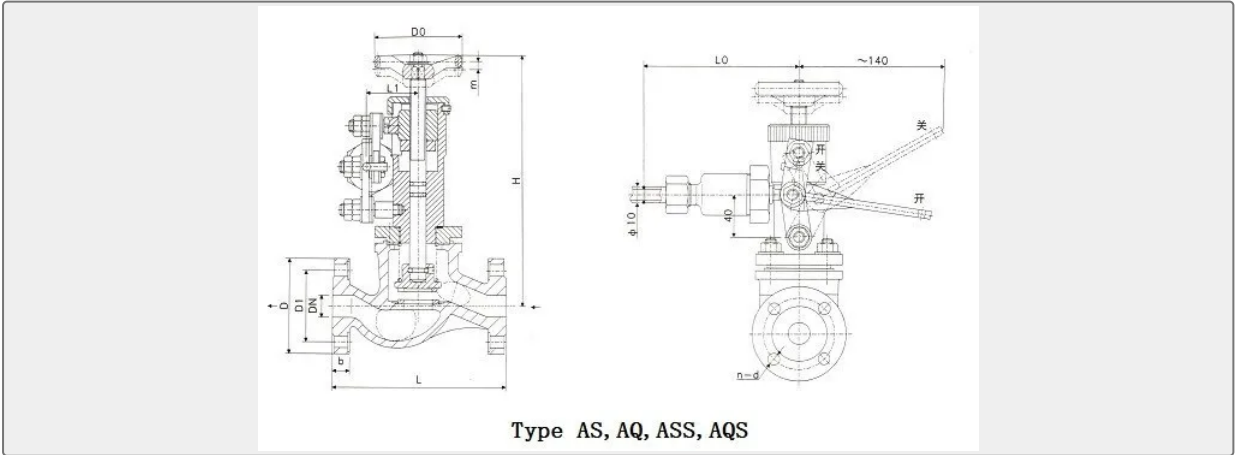
|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Category      | GB Marine Quick Closing Valve                                               |
| Standard      | GB                                                                          |
| Material      | Cast Steel                                                                  |
| Weight / Size | 0.3Mpa Air Flange size as per GB2501, GB569 AS---Straight & Manual type ... |
| 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 Quick Closing Valve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Model / SKU | Marine-Pneumatic-Quick-Closing-Valve-GB-T5744-2008-Type-AQ-AQS |
| Standard                 | GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Material    | Cast Steel                                                     |
| Weight / Size            | 0.3Mpa Air Flange size as per GB2501, GB569 AS---Straight & Manual type with GB569 flange ASS---Straight & Manual type with GB2501 flange AQ---Straight & Pneumatic type with GB569 flange AQS---Straight & Pneumatictype with GB2501 flange BS---Angle & Manual type with GB569 flange BSS---Angle & Manual type with GB2501 flange BQ---Anlge & Pneumatic type with GB569 flange BQS---Angle & Pneumatictype with GB2501 flange Nominal Pressure(Mpa) Nominal Diameter(mm) Applicable medium Air Cylinder Working Pressure (Mpa) 0.25 20-150 fuel oil,lubrication oil and other oil. | Certificate | CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS                     |
| Warranty                 | 12 Months unless specified otherwise                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Origin      | China                                                          |

|          |                                                                         |                            |
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|          | ■ Main Material:                                                        | ■ Main Size List(mm):      |

## China Marine Pneumatic Quick Closing Valve GB/T5744-2008 Type AQ/AQS:



Quick Closing Valve for Marine Use GB/T5744-2008 is mainly used on the marine oil pipe system to shut off the oil flow quickly. It can be manual or pneumatic.

### Technical Specification:

Design Standard: GB/T5744-2008

Test Standard: GB600

Test Pressure: 0.3Mpa Air

Flange size as per GB2501, GB569

### AS---Straight & Manual type with GB569 flange

### ASS---Straight & Manual type with GB2501 flange

AQ---Straight & Pneumatic type with GB569 flange

AQS---Straight & Pneumatic type with GB2501 flange

BS---Angle &amp; Manual type with GB569 flange

### BSS---Angle & Manual type with GB2501 flange

BQ---Anlge & Pneumatic type with GB569 flange

### BQS---Angle & Pneumatictype with GB2501 flange

|                       |                      |                                         |                                     |
|-----------------------|----------------------|-----------------------------------------|-------------------------------------|
| Nominal Pressure(Mpa) | Nominal Diameter(mm) | Applicable medium                       | Air Cylinder Working Pressure (Mpa) |
| 0.25                  | 20-150               | fuel oil,lubrication oil and other oil. | 0.3~0.7                             |

### ■ Main Material:

## Body-Cast Steel

## Bonnet-Cast Steel

### Disc-Carbon Steel

Stem-Stainless Steel

## Piston-Brass

### Air Cylinder--Bronze or Brass

**Main Size List(mm):**

**Flange as per GB569**

| D<br>N<br>(m<br>m) | Structure Dimension |                  |                  |                  |        | Thick<br>ness<br>δ | Flange |   |        |        |   | Bolt   |   | hand<br>wheel |    | Lift<br>Ran<br>ge<br><br>m | cylinde<br>r<br>volum<br>e<br>V<br>cm3 | Weight(kg) |        |        |        |        |
|--------------------|---------------------|------------------|------------------|------------------|--------|--------------------|--------|---|--------|--------|---|--------|---|---------------|----|----------------------------|----------------------------------------|------------|--------|--------|--------|--------|
|                    | L                   |                  | H                |                  | L<br>1 |                    | L<br>2 | D | D<br>1 | D<br>2 | b | d<br>0 | n | Th            | Do |                            |                                        | S          | A<br>S | A<br>Q | B<br>S | B<br>Q |
|                    | A<br>S<br>A<br>Q    | B<br>S<br>B<br>Q | A<br>S<br>A<br>Q | B<br>S<br>B<br>Q |        |                    |        |   |        |        |   |        |   |               |    |                            |                                        |            |        |        |        |        |

|     |         |         |         |         |             |        |    |             |             |             |        |        |        |         |         |        |    |    |          |          |          |          |
|-----|---------|---------|---------|---------|-------------|--------|----|-------------|-------------|-------------|--------|--------|--------|---------|---------|--------|----|----|----------|----------|----------|----------|
| 20  | 15<br>0 | 95      | 24<br>0 | 32<br>0 | 1<br>4<br>3 | 4<br>4 | 6  | 9<br>5      | 6<br>8      | 4<br>8      | 1<br>1 | 1<br>3 | 4      | M<br>12 | 80      | 8      | 7  | 27 | 5.<br>8  | 6.<br>7  | 6.<br>2  | 7.<br>1  |
| 25  | 16<br>0 | 10<br>0 | 24<br>2 | 32<br>5 | 1<br>4<br>3 | 4<br>4 | 6  | 1<br>0<br>5 | 7<br>3      | 5<br>6      | 1<br>2 | 1<br>3 | 4      | M<br>12 | 80      | 8      | 9  | 27 | 6.<br>6  | 7.<br>5  | 6.<br>8  | 7.<br>7  |
| 32  | 18<br>0 | 10<br>5 | 24<br>5 | 33<br>0 | 1<br>4<br>3 | 4<br>4 | 6  | 11<br>5     | 8<br>3      | 6<br>4      | 1<br>3 | 1<br>5 | 6      | M<br>14 | 10<br>0 | 9      | 9  | 27 | 7.<br>1  | 8.<br>0  | 7.<br>0  | 7.<br>9  |
| 40  | 20<br>0 | 11<br>5 | 27<br>5 | 36<br>5 | 1<br>4<br>3 | 4<br>8 | 6  | 1<br>2<br>5 | 9<br>3      | 7<br>4      | 1<br>3 | 1<br>5 | 6      | M<br>14 | 12<br>0 | 1<br>1 | 12 | 27 | 10<br>.1 | 11<br>.0 | 9.<br>6  | 10<br>.5 |
| 50  | 23<br>0 | 12<br>5 | 28<br>3 | 38<br>1 | 1<br>4<br>3 | 4<br>9 | 7  | 1<br>3<br>5 | 1<br>0<br>3 | 8<br>4      | 1<br>3 | 1<br>5 | 6      | M<br>14 | 14<br>0 | 1<br>2 | 15 | 27 | 11<br>.6 | 12<br>.5 | 12<br>.6 | 13<br>.5 |
| 65  | 29<br>0 | 14<br>5 | 32<br>5 | 43<br>7 | 1<br>5<br>5 | 5<br>8 | 7  | 1<br>5<br>5 | 1<br>2<br>3 | 1<br>0<br>4 | 1<br>4 | 1<br>5 | 6      | M<br>14 | 14<br>0 | 1<br>2 | 19 | 58 | 18<br>.7 | 20<br>.0 | 16<br>.7 | 18<br>.0 |
| 80  | 31<br>0 | 15<br>5 | 35<br>0 | 46<br>6 | 1<br>5<br>5 | 5<br>8 | 7  | 1<br>7<br>0 | 1<br>3<br>8 | 11<br>8     | 1<br>4 | 1<br>5 | 8      | M<br>14 | 16<br>0 | 1<br>4 | 23 | 58 | 23<br>.7 | 25<br>.0 | 22<br>.7 | 24<br>.0 |
| 100 | 35<br>0 | 17<br>5 | 37<br>5 | 50<br>0 | 1<br>5<br>5 | 6<br>2 | 8  | 1<br>9<br>0 | 1<br>5<br>8 | 1<br>3<br>8 | 1<br>4 | 1<br>5 | 8      | M<br>14 | 18<br>0 | 1<br>4 | 30 | 58 | 31<br>.8 | 33<br>.0 | 27<br>.8 | 29<br>.0 |
| 125 | 40<br>0 | 20<br>0 | 40<br>0 | 54<br>0 | 1<br>5<br>5 | 6<br>8 | 9  | 2<br>1<br>5 | 1<br>8<br>3 | 1<br>6<br>4 | 1<br>4 | 1<br>5 | 1<br>0 | M<br>14 | 20<br>0 | 1<br>7 | 36 | 58 | 37<br>.8 | 39<br>.0 | 33<br>.8 | 35<br>.0 |
| 150 | 48<br>0 | 22<br>5 | 43<br>0 | 58<br>0 | 1<br>5<br>5 | 7<br>5 | 10 | 2<br>4<br>0 | 2<br>0<br>8 | 1<br>9<br>0 | 1<br>4 | 1<br>5 | 1<br>2 | M<br>14 | 22<br>5 | 1<br>9 | 45 | 58 | 47<br>.8 | 49<br>.0 | 38<br>.8 | 40<br>.0 |

Flange as per GB2501

| D<br>N<br>(m<br>m) | Structure Dimension |         |         |         |             |        | Thic<br>knes<br>s δ | Flange      |        |        |        |        | Bolt |         | hand<br>wheel |   | Lift<br>Rang<br>e m | cylind<br>er<br>volum<br>e<br>V<br>cm3 | Weight(kg)  |             |             |             |
|--------------------|---------------------|---------|---------|---------|-------------|--------|---------------------|-------------|--------|--------|--------|--------|------|---------|---------------|---|---------------------|----------------------------------------|-------------|-------------|-------------|-------------|
|                    | L                   |         | H       |         | L<br>1      | L<br>2 |                     | D           | D<br>1 | D<br>2 | b      | d<br>0 | n    | Th<br>. | D<br>o        | S |                     |                                        | A<br>S<br>S | A<br>Q<br>S | B<br>S<br>S | B<br>Q<br>S |
|                    |                     |         |         |         |             |        |                     |             |        |        |        |        |      |         |               |   |                     |                                        |             |             |             |             |
|                    |                     |         |         |         |             |        |                     |             |        |        |        |        |      |         |               |   |                     |                                        |             |             |             |             |
| 20                 | 15<br>0             | 95      | 24<br>0 | 32<br>0 | 1<br>4<br>3 | 4<br>4 | 6                   | 9<br>0      | 6<br>5 | 5<br>0 | 1<br>4 | 1<br>1 | 4    | M<br>10 | 80            | 8 | 7                   | 27                                     | 6.<br>8     | 7.<br>6     | 7.<br>2     | 8.<br>0     |
| 25                 | 16<br>0             | 10<br>0 | 24<br>2 | 32<br>5 | 1<br>4<br>3 | 4<br>4 | 6                   | 1<br>0<br>0 | 7<br>5 | 6<br>0 | 1<br>4 | 1<br>1 | 4    | M<br>10 | 80            | 8 | 9                   | 27                                     | 7.<br>6     | 8.<br>4     | 8.<br>0     | 8.<br>8     |

|     |         |         |         |         |             |        |    |             |             |             |        |        |   |         |         |        |    |    |          |          |          |          |
|-----|---------|---------|---------|---------|-------------|--------|----|-------------|-------------|-------------|--------|--------|---|---------|---------|--------|----|----|----------|----------|----------|----------|
| 32  | 18<br>0 | 10<br>5 | 24<br>5 | 33<br>0 | 1<br>4<br>3 | 4<br>4 | 6  | 1<br>2<br>0 | 9<br>0      | 7<br>0      | 1<br>6 | 1<br>4 | 4 | M<br>12 | 10<br>0 | 9      | 9  | 27 | 9.<br>2  | 10<br>.0 | 9.<br>0  | 9.<br>8  |
| 40  | 20<br>0 | 11<br>5 | 27<br>5 | 36<br>5 | 1<br>4<br>3 | 4<br>8 | 6  | 1<br>3<br>0 | 1<br>0<br>0 | 8<br>0      | 1<br>6 | 1<br>4 | 4 | M<br>12 | 12<br>0 | 1<br>1 | 12 | 27 | 12<br>.2 | 13<br>.0 | 11<br>.8 | 12<br>.6 |
| 50  | 23<br>0 | 12<br>5 | 28<br>3 | 38<br>1 | 1<br>4<br>3 | 4<br>9 | 7  | 1<br>4<br>0 | 11<br>0     | 9<br>0      | 1<br>6 | 1<br>4 | 4 | M<br>12 | 14<br>0 | 1<br>2 | 15 | 27 | 14<br>.9 | 15<br>.7 | 15<br>.9 | 16<br>.7 |
| 65  | 29<br>0 | 14<br>5 | 32<br>5 | 43<br>7 | 1<br>5<br>5 | 5<br>8 | 7  | 1<br>6<br>0 | 1<br>3<br>0 | 11<br>0     | 1<br>6 | 1<br>4 | 4 | M<br>12 | 14<br>0 | 1<br>2 | 19 | 58 | 21<br>.5 | 22<br>.7 | 19<br>.5 | 20<br>.7 |
| 80  | 31<br>0 | 15<br>5 | 35<br>0 | 46<br>6 | 1<br>5<br>5 | 5<br>8 | 7  | 1<br>9<br>0 | 1<br>5<br>0 | 1<br>2<br>8 | 1<br>8 | 1<br>8 | 4 | M<br>16 | 16<br>0 | 1<br>4 | 23 | 58 | 25<br>.8 | 27<br>.0 | 24<br>.8 | 26<br>.0 |
| 100 | 35<br>0 | 17<br>5 | 37<br>5 | 50<br>0 | 1<br>5<br>5 | 6<br>2 | 8  | 2<br>1<br>0 | 1<br>7<br>0 | 1<br>4<br>8 | 1<br>8 | 1<br>8 | 4 | M<br>16 | 18<br>0 | 1<br>4 | 30 | 58 | 38<br>.8 | 40<br>.0 | 34<br>.8 | 36<br>.0 |
| 125 | 40<br>0 | 20<br>0 | 40<br>0 | 54<br>0 | 1<br>5<br>5 | 6<br>8 | 9  | 2<br>4<br>0 | 2<br>0<br>0 | 1<br>7<br>8 | 2<br>0 | 1<br>8 | 8 | M<br>16 | 20<br>0 | 1<br>7 | 36 | 58 | 46<br>.3 | 47<br>.5 | 42<br>.3 | 43<br>.5 |
| 150 | 48<br>0 | 22<br>5 | 43<br>0 | 58<br>0 | 1<br>5<br>5 | 7<br>5 | 10 | 2<br>6<br>5 | 2<br>2<br>5 | 2<br>0<br>2 | 2<br>0 | 1<br>8 | 8 | M<br>16 | 22<br>5 | 1<br>9 | 45 | 58 | 59<br>.8 | 61<br>.0 | 50<br>.8 | 52<br>.0 |