

# Flanged Globe Style Non Slam Check Valve

Engineered for silent operation, low head loss - plus....

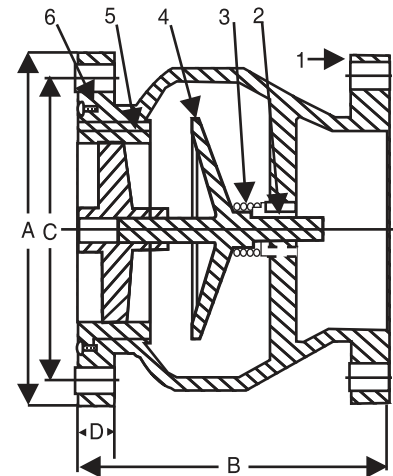
**Features:**

- Designed to eliminate water hammer
- Low Pressure loss
- Provides maximum efficiency
- Compact design flange face to flange face
- Valve activated at low psi, 1/4 - 1/2
- Sizes 2" - 16"



**Optional Features:**

- Trim Material
- Additional materials and pressure classifications available
- Larger sizes POA



ANSI CLASS 125								
PART NUMBER	SIZE	A	B	C	D	WEIGHT (lbs.)	BOLT SIZE	NO. OF BOLTS
SGB020	2"	6"	5 1/4"	4 3/4"	13/16"	17	5/8"	4
SGB025	2 1/2"	7"	5 1/2"	5 1/2"	11/16"	23	5/8"	4
SGB030	3"	7 1/2"	6"	6"	15/16"	30	5/8"	4
SGB040	4"	9"	7 1/4"	7 1/2"	15/16"	42	5/8"	8
SGB050	5"	10"	8 1/2"	8 1/2"	15/16"	53	3/4"	8
SGB060	6"	11"	9 3/4"	9 1/2"	1"	75	3/4"	8
SGB080	8"	13 1/2"	12 1/2"	11 3/4"	1 1/8"	134	3/4"	8
SGB100	10"	16"	15 1/2"	14 1/4"	1 13/16"	177	7/8"	12
SGB120	12"	19"	14 1/4"	17"	1 1/4"	276	1"	12
SGB140	14"	21"	15 3/4"	18 3/4"	1 3/8"	407	1"	12
SGB160	16"	25 3/4"	17 5/8"	21 1/4"	1 7/16"	567	1"	16

**Bill of Materials**

Part No.	Part Name	Material
1	Body	Cast Iron
2	Seat	Bronze
3	Plug	Bronze
4	Spring	Stainless Steel
5	Bushing	Bronze
6	Screw	Stainless Steel

All packaging materials, thread protectors, plastic plugs and caps must be removed before installation.

Dimensions are subject to change without notice, please confirm actual dimensions with factory at time of order.

ANSI CLASS 250								
PART NUMBER	SIZE	A	B	C	D	WEIGHT (lbs.)	BOLT SIZE	NO. OF BOLTS
SGB020	2"	6 1/2"	5 1/4"	4 3/4"	5/8"	17	3/4"	8
SGB025	2 1/2"	7 1/2"	5 1/2"	5 7/8"	1"	23	3/4"	8
SGB030	3"	8 1/4"	6"	6 5/8"	1 1/8"	30	3/4"	8
SGB040	4"	10"	7 1/4"	7 7/8"	1 1/4"	41	3/4"	8
SGB050	5"	11"	8 1/2"	9 1/4"	1 3/8"	57	3/4"	8
SGB060	6"	12 1/2"	9 3/4"	10 5/8"	1 7/16"	76	3/4"	12
SGB080	8"	15"	12 1/2"	13"	1 5/8"	134	7/8"	12
SGB100	10"	17 1/2"	15 1/2"	15 1/4"	1 7/8"	177	1"	16
SGB120	12"	20 1/2"	14 1/4"	17 3/4"	2"	276	1 1/8"	16

JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 CONTRACTOR P.O. NO. \_\_\_\_\_

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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## Recommended Maximum GPM per Valve Size/Flow Velocity of 10 F.P.S.

<b>2"</b>	<b>100 GPM</b>
<b>2 1/2"</b>	<b>150 GPM</b>
<b>3"</b>	<b>225 GPM</b>
<b>4"</b>	<b>400 GPM</b>
<b>5"</b>	<b>625 GPM</b>
<b>6"</b>	<b>900 GPM</b>
<b>8"</b>	<b>1600 GPM</b>
<b>10"</b>	<b>2500 GPM</b>
<b>12"</b>	<b>3500 GPM</b>
<b>14"</b>	<b>4250 GPM</b>
<b>16"</b>	<b>5500 GPM</b>

## Pressure Drop Chart

