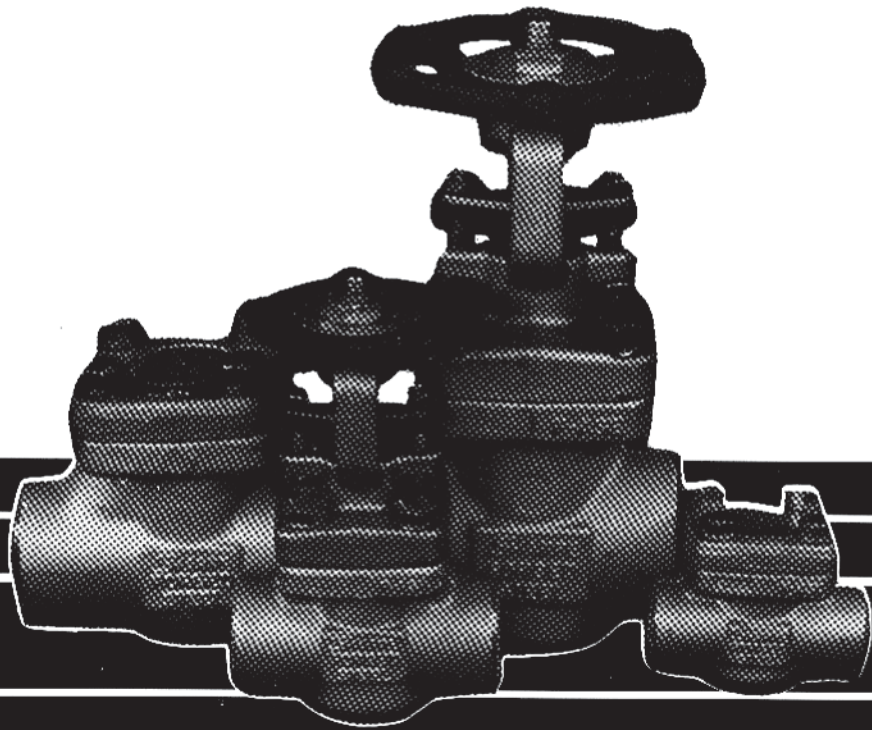


SHARPE[®] VALVES



**FORGED STAINLESS
STEEL VALVES**

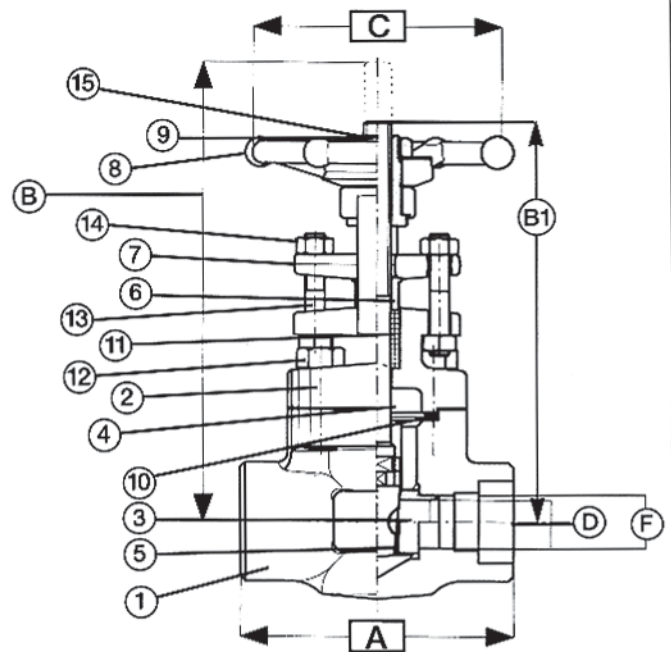
SHARPE® VALVES

FORGED STAINLESS GATE VALVE

CLASS 800
 ASTM A182/F316L
 316L BODY AND BONNET
 BOLTED BONNET
 THREADED OR SOCKET WELD

FIG. 34836

| PART | NAME | MATERIAL |
|------|------------------------|---------------------|
| 1 | BODY | A182 316L |
| 2 | BONNET | A182 316L |
| 3 | WEDGE | A182 316 |
| 4 | STEM | A182 316 |
| 5 | SEATS | A182 316 |
| 6 | PACKING GLAND | AISI 316 |
| 7 | GLAND FLANGE | A182 304 |
| 8 | HANDWHEEL | CARBON STEEL |
| 9 | HANDWHEEL NUT | CARBON STEEL |
| 10 | GASKET SPIRAL WOUND | AISI 316 + GRAPHITE |
| 11 | PACKING | PREFORMED GRAPHITE |
| 12 | BONNET BOLT | A193/GR B8 |
| 13 | GLAND STUDS | A193/B8 |
| 14 | GLAND NUTS | A194/GR8 |
| 15 | NAME PLATE | ALUMINUM |



| APPLICABLE STANDARDS | |
|----------------------|-----------------|
| BASIC DESIGN | API 602 BS 5352 |
| SOCKET WELD | ANSI B16.11 |
| THREADED | ANSI B120.1 |
| TEST | API 598 BS 5146 |

| SIZE | DIMENSIONS IN INCHES | | | | | |
|------------|----------------------|------|------|-------|-------|-------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 |
| A | 3.15 | 3.54 | 4.33 | 5.00 | 5.00 | 5.12 |
| B | 5.70 | 6.14 | 7.32 | 8.50 | 10.04 | 10.75 |
| C | 3.54 | 3.54 | 4.33 | 4.72 | 5.51 | 5.51 |
| D | 0.39 | 0.55 | 0.71 | 0.94 | 1.22 | 1.44 |
| B1 | 5.12 | 5.39 | 6.38 | 7.36 | 8.62 | 9.06 |
| F THRD. | 14. | 14. | 11.5 | 11.5 | 11.5 | 11.5 |
| F SW. | 0.85 | 1.07 | 1.33 | 1.68 | 1.91 | 2.41 |

| SIZE | CV* |
|-------|------|
| 1/2 | 5.8 |
| 3/4 | 10.2 |
| 1 | 26.4 |
| 1 1/4 | 41.8 |
| 1 1/2 | 67 |
| 2 | 102 |

*CV-The volume of water in GL/MIN that will pass through a given valve with a pressure drop of 1PSI.

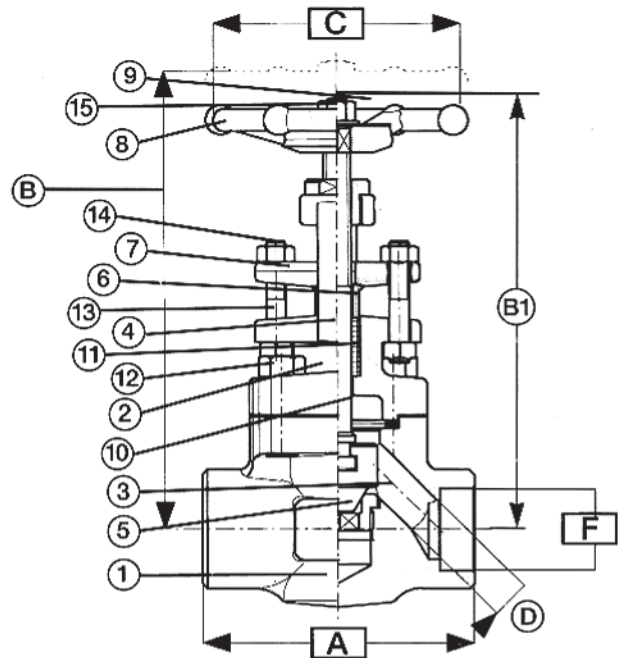
SHARPE® VALVES

FORGED STAINLESS GLOBE VALVE

CLASS 800
 ASTM A182/F316L
 316L BODY AND BONNET
 BOLTED BONNET
 THREADED OR SOCKET WELD

FIG. 44836

| PART | NAME | MATERIAL |
|------|------------------------|---------------------|
| 1 | BODY | A182 316L |
| 2 | BONNET | A182 316L |
| 3 | DISC | A182 316 |
| 4 | STEM | A182 316 |
| 5 | SEATS | A182 316 |
| 6 | PACKING GLAND | AISI 316 |
| 7 | GLAND FLANGE | A182 304 |
| 8 | HANDWHEEL | CARBON STEEL |
| 9 | HANDWHEEL NUT | CARBON STEEL |
| 10 | GASKET SPIRAL WOUND | AISI 316 + GRAPHITE |
| 11 | PACKING | PREFORMED GRAPHITE |
| 12 | BONNET BOLT | A193/GR B8 |
| 13 | GLAND STUDS | A193/B8 |
| 14 | GLAND NUTS | A194/GR8 |
| 15 | NAME PLATE | ALUMINUM |



| APPLICABLE STANDARDS | |
|----------------------|-------------|
| BASIC DESIGN | BS 5352 |
| SOCKET WELD | ANSI B16.11 |
| THREADED | ANSI B120.1 |
| TEST | BS 5146 |

| SIZE | DIMENSIONS IN INCHES | | | | | |
|------------|----------------------|------|------|-------|-------|-------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 |
| A | 3.15 | 3.54 | 4.33 | 5.00 | 6.10 | 6.69 |
| B | 5.98 | 6.26 | 7.17 | 8.43 | 11.14 | 12.05 |
| B1 | 5.51 | 5.71 | 6.54 | 7.56 | 10.12 | 10.94 |
| C | 3.54 | 3.54 | 4.33 | 4.72 | 5.51 | 5.51 |
| D | 0.35 | 0.47 | 0.69 | 0.89 | 0.98 | 1.18 |
| F THRD. | 14. | 14. | 11.5 | 11.5 | 11.5 | 11.5 |
| F SW. | 0.85 | 1.07 | 1.33 | 1.68 | 1.91 | 2.41 |

| SIZE | CV* |
|-------|------|
| 1/2 | 1.4 |
| 3/4 | 3.8 |
| 1 | 7 |
| 1 1/4 | 10.2 |
| 1 1/2 | 17.8 |
| 2 | 22 |

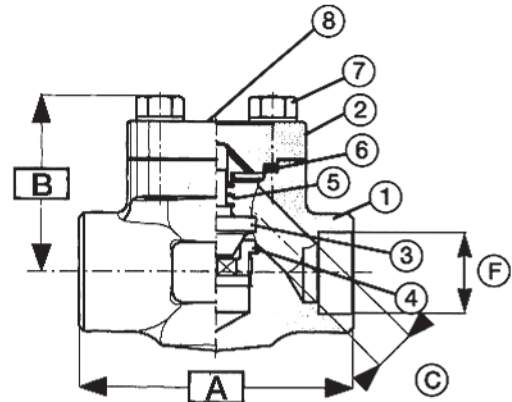
*CV-The volume of water in GL/MIN that will pass through a given valve with a pressure drop of 1PSI.

SHARPE® VALVES

FORGED STAINLESS PISTON CHECK VALVE

CLASS 800
ASTM A182/F316L
316L BODY AND BONNET
BOLTED COVER
THREADED OR SOCKET WELD

FIG. 24836



| PART | NAME | MATERIAL |
|------|------------------------|---------------------|
| 1 | BODY | A182 316L |
| 2 | COVER | A182 316L |
| 3 | PISTON | A182 316 |
| 4 | SEAT | A182 316 |
| 5 | SPRING | STAINLESS STEEL 316 |
| 6 | GASKET SPIRAL WOUND | AISI 316 + GRAPHITE |
| 7 | BOLT | A193/B8 |
| 8 | NAME PLATE | ALUMINUM |

| APPLICABLE STANDARDS | |
|----------------------|-------------|
| BASIC DESIGN | BS 5352 |
| SOCKET WELD | ANSI 16.11 |
| THREADED | ANSI B120.1 |
| TEST | BS 5146 |

| SIZE | DIMENSIONS IN INCHES | | | | | |
|-----------|----------------------|------|------|-------|-------|------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 |
| A | 3.15 | 3.54 | 4.33 | 5. | 6.10 | 6.69 |
| B | 1.89 | 2.01 | 2.48 | 2.80 | 3.39 | 3.90 |
| C | 0.35 | 0.47 | 0.69 | 0.89 | 0.98 | 1.18 |
| F THR. | 14. | 14. | 11.5 | 11.5 | 11.5 | 11.5 |
| F SW. | 0.85 | 1.07 | 1.33 | 1.68 | 1.91 | 2.41 |

| SIZE | CV* |
|-------|------|
| 1/2 | 1 |
| 3/4 | 3 |
| 1 | 5.2 |
| 1 1/4 | 9.6 |
| 1 1/2 | 14.8 |
| 2 | 18 |

*CV-The volume of water in GL/MIN that will pass through a given valve with a pressure drop of 1PSI.

SHARPE® VALVES

A DIVISION OF 

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E-Mail:sharpediv@aol.com
www.sharpevalves.com

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