



To A Tee

# ACR INDUSTRIES

## Fittings & Valves

954-968-8497

### FORGED BRASS BALL VALVES



#### FULL PORT BALL VALVES

##### INDUSTRIAL PATTERN

|         |        |        |        |
|---------|--------|--------|--------|
| 101-003 | 1/2"   | T-1000 | I.P.S. |
| 101-004 | 3/4"   | T-1000 | I.P.S. |
| 101-005 | 1"     | T-1000 | I.P.S. |
| 101-006 | 1 1/4" | T-1000 | I.P.S. |
| 101-007 | 1 1/2" | T-1000 | I.P.S. |
| 101-008 | 2"     | T-1000 | I.P.S. |

##### PLUMBERS' PATTERN

|         |        |        |        |
|---------|--------|--------|--------|
| 101-023 | 1/2"   | T-1001 | I.P.S. |
| 101-024 | 3/4"   | T-1001 | I.P.S. |
| 101-025 | 1"     | T-1001 | I.P.S. |
| 101-026 | 1 1/4" | T-1001 | I.P.S. |
| 101-027 | 1 1/2" | T-1001 | I.P.S. |
| 101-028 | 2"     | T-1001 | I.P.S. |

|         |        |        |       |
|---------|--------|--------|-------|
| 101-043 | 1/2"   | S-1001 | C x C |
| 101-044 | 3/4"   | S-1001 | C x C |
| 101-045 | 1"     | S-1001 | C x C |
| 101-046 | 1 1/4" | S-1001 | C x C |
| 101-047 | 1 1/2" | S-1001 | C x C |
| 101-048 | 2"     | S-1001 | C x C |

#### LARGE PORT BALL VALVES

|         |        |       |        |
|---------|--------|-------|--------|
| 101-101 | 1/4"   | T-900 | I.P.S. |
| 101-102 | 3/8"   | T-900 | I.P.S. |
| 101-103 | 1/2"   | T-900 | I.P.S. |
| 101-104 | 3/4"   | T-900 | I.P.S. |
| 101-105 | 1"     | T-900 | I.P.S. |
| 101-106 | 1 1/4" | T-900 | I.P.S. |
| 101-107 | 1 1/2" | T-900 | I.P.S. |
| 101-108 | 2"     | T-900 | I.P.S. |
| 101-109 | 2 1/2" | T-900 | I.P.S. |
| 101-110 | 3"     | T-900 | I.P.S. |
| 101-111 | 4"     | T-900 | I.P.S. |

|         |        |       |       |
|---------|--------|-------|-------|
| 101-203 | 1/2"   | S-900 | C x C |
| 101-204 | 3/4"   | S-900 | C x C |
| 101-205 | 1"     | S-900 | C x C |
| 101-206 | 1 1/4" | S-900 | C x C |
| 101-207 | 1 1/2" | S-900 | C x C |
| 101-208 | 2"     | S-900 | C x C |
| 101-209 | 2 1/2" | S-900 | C x C |
| 101-210 | 3"     | S-900 | C x C |
| 101-211 | 4"     | S-900 | C x C |

#### CONVENTIONAL PORT BALL VALVES

|         |        |       |        |
|---------|--------|-------|--------|
| 101-300 | 1/8"   | T-800 | I.P.S. |
| 101-301 | 1/4"   | T-800 | I.P.S. |
| 101-302 | 3/8"   | T-800 | I.P.S. |
| 101-303 | 1/2"   | T-800 | I.P.S. |
| 101-304 | 3/4"   | T-800 | I.P.S. |
| 101-305 | 1"     | T-800 | I.P.S. |
| 101-306 | 1 1/4" | T-800 | I.P.S. |
| 101-307 | 1 1/2" | T-800 | I.P.S. |
| 101-308 | 2"     | T-800 | I.P.S. |

|         |        |       |       |
|---------|--------|-------|-------|
| 101-403 | 1/2"   | S-800 | C X C |
| 101-404 | 3/4"   | S-800 | C X C |
| 101-405 | 1"     | S-800 | C X C |
| 101-406 | 1 1/4" | S-800 | C X C |
| 101-407 | 1 1/2" | S-800 | C X C |
| 101-408 | 2"     | S-800 | C X C |

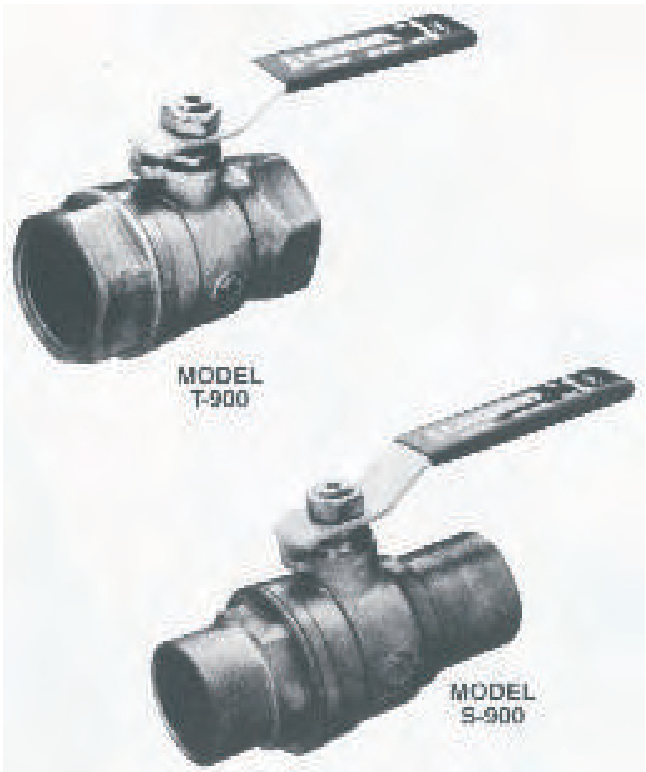
#### PVC COMPACT BALL VALVES

|         |        |       |        |
|---------|--------|-------|--------|
| 201-301 | 1/4"   | T-601 | I.P.S. |
| 201-303 | 1/2"   | T-601 | I.P.S. |
| 201-304 | 3/4"   | T-601 | I.P.S. |
| 201-305 | 1"     | T-601 | I.P.S. |
| 201-306 | 1 1/4" | T-601 | I.P.S. |
| 201-307 | 1 1/2" | T-601 | I.P.S. |
| 201-308 | 2"     | T-601 | I.P.S. |
| 201-309 | 2 1/2" | T-601 | I.P.S. |
| 201-310 | 3"     | T-601 | I.P.S. |
| 201-311 | 4"     | T-601 | I.P.S. |

|         |        |       |       |
|---------|--------|-------|-------|
| 201-403 | 1/2"   | S-601 | S X S |
| 201-404 | 3/4"   | S-601 | S X S |
| 201-405 | 1"     | S-601 | S X S |
| 201-406 | 1 1/4" | S-601 | S X S |
| 201-407 | 1 1/2" | S-601 | S X S |
| 201-408 | 2"     | S-601 | S X S |
| 201-409 | 2 1/2" | S-601 | S X S |
| 201-410 | 3"     | S-601 | S X S |
| 201-411 | 4"     | S-601 | S X S |

# LARGE PORT BALL VALVES

FORGED BRASS  
I.P.S. AND C x C



**MODELS T-900/S-900** ball valves are constructed of heavy duty forged brass. They are designed for commercial and industrial use on steam, water, oil or gas. The stem is bottom loaded, blowout proof design. Teflon seats, packing and trust washer assure long life. The large raised wrench flats reduce slippage. The extra long solder ends on the S-900 reduce the chance of damage to the seats while soldering.



The large ports and competitive pricing make the T-900/S-900 the best valve on the market today.

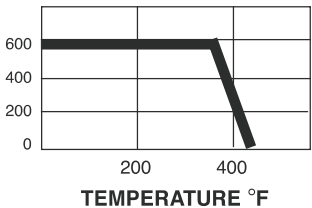
## CONFORMS TO FEDERAL SPECIFICATION WWV-35B

### PRESSURE RATING

|             |                 |           |
|-------------|-----------------|-----------|
| 1/4" - 3/4" | 600 lbs. W.O.G. | NON-SHOCK |
| 1" - 2"     | 500 lbs. W.O.G. | NON-SHOCK |
| 2-1/2" - 4" | 400 lbs. W.O.G. | NON-SHOCK |

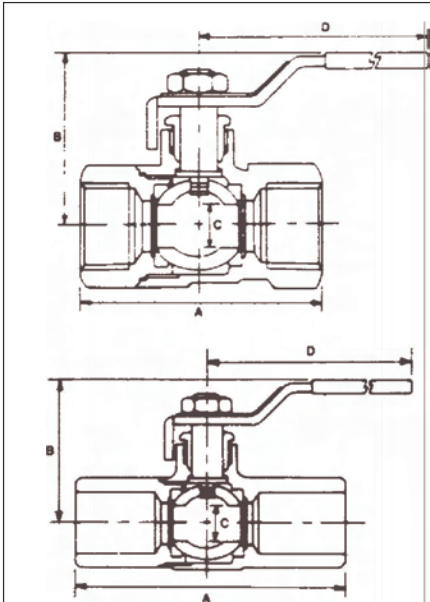
All sizes rated at 150 W.S.P.

### VALVE SEAT RATING



### MATERIAL SPECIFICATION

| PART          | MATERIAL            |
|---------------|---------------------|
| HANDLE NUT    | COATED STEEL        |
| HANDLE        | COATED STEEL        |
| PACKING NUT   | BRASS               |
| STEM PACKING  | TEFLON <sup>®</sup> |
| THRUST WASHER | TEFLON <sup>®</sup> |
| STEM          | BRASS               |
| BALL          | CHROME PLATED BRASS |
| SEATS         | TEFLON <sup>®</sup> |
| BODY          | FORGED BRASS        |
| END ADAPTER   | FORGED BRASS        |



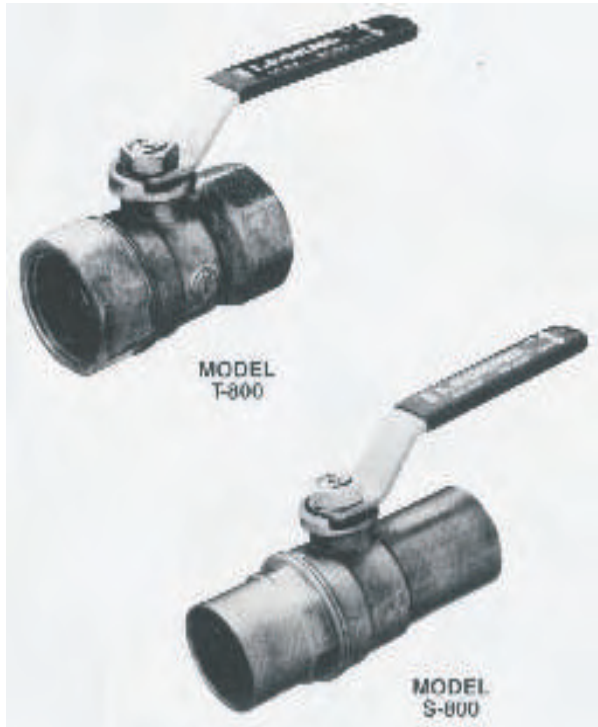
### DIMENSIONS IN INCHES

| VALVE SIZE | A (I.P.S) | A (C x C) | B    | C    | D    | CV**  |
|------------|-----------|-----------|------|------|------|-------|
| 1/4"       | 1.84      |           | 1.31 | 0.39 | 3.06 | 10.8  |
| 3/8"       | 1.84      |           | 1.31 | 0.39 | 3.06 | 10.8  |
| 1/2"       | 2.19      | 2.25      | 1.39 | 0.50 | 3.06 | 16.7  |
| 3/4"       | 2.48      | 3.15      | 1.75 | 0.69 | 3.81 | 30.3  |
| 1"         | 3.02      | 3.82      | 1.91 | 0.89 | 3.81 | 59.5  |
| 1 1/4"     | 3.44      | 4.25      | 2.08 | 1.11 | 3.81 | 120.5 |
| 1 1/2"     | 3.72      | 4.87      | 2.39 | 1.38 | 4.80 | 172.0 |
| 2"         | 4.34      | 5.98      | 2.69 | 1.77 | 4.80 | 259.0 |
| 2 1/2"     | 5.63      | 7.00      | 3.35 | 2.28 | 5.79 | 393.0 |
| 3"         | 6.28      | 8.00      | 3.64 | 2.68 | 5.79 | 441.0 |
| 4:         | 8.00      |           | 4.46 | 3.55 | 5.83 | 534.0 |

\*\*The CV Factor is the gallons of water per minute passed through the valve with a 1 PSI pressure drop.

# CONVENTIONAL PORT BALL VALVES

FORGED BRASS  
I.P.S. AND C x C



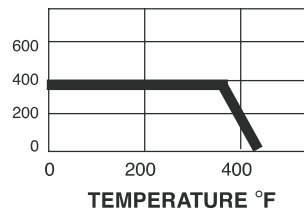
**MODELS T-800/S-800** ball valves are constructed of forged brass. They are designed for commercial and light industrial use shown on steam, water, oil or gas. The T-800/ S-800 is a conventional port ball valve but has excellent flow characteristics compared with other valves in its class. The stem is bottom loaded, blowout proof design. The large raised wrench flats reduce slippage. The extra long solder ends on the S-800 reduce the chance of damage to the seats while soldering.

**CONFORMS TO FEDERAL SPECIFICATION WWV-35B**

## PRESSURE RATING

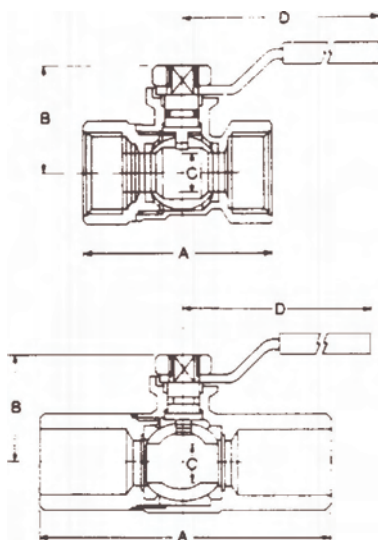
125 P.S.I. W.S.P.  
400 P.S.I. W.O.G. NON-SHOCK

## VALVE SEAT RATING



## MATERIAL SPECIFICATION

| PART          | MATERIAL            |
|---------------|---------------------|
| HANDLE NUT    | COATED STEEL        |
| HANDLE        | COATED STEEL        |
| STEM PACKING  | TEFLON <sub>®</sub> |
| O-RING        | VITON               |
| THRUST WASHER | TEFLON <sub>®</sub> |
| STEM          | BRASS               |
| BALL          | CHROME PLATED BRASS |
| SEATS         | TEFLON <sub>®</sub> |
| BODY          | FORGED BRASS        |
| END ADAPTER   | FORGED BRASS        |



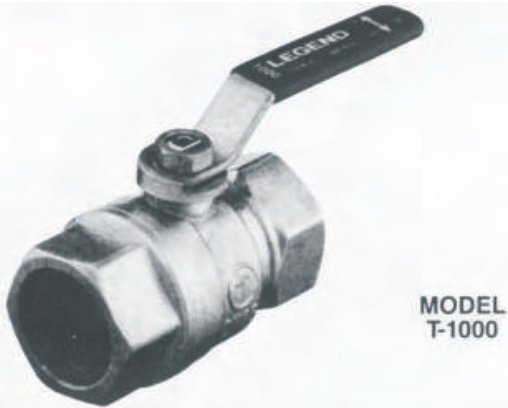
## DIMENSIONS IN INCHES

| VALVE SIZE | A (I.P.S) | A (C x C) | B    | C    | D    | CV**  |
|------------|-----------|-----------|------|------|------|-------|
| 1/4"       | 1.58      |           | 0.92 | .032 | 1.71 | 7.05  |
| 3/8"       | 1.58      |           | 0.92 | 0.32 | 1.71 | 7.05  |
| 1/2"       | 1.85      | 2.13      | 1.29 | 0.39 | 3.07 | 10.9  |
| 3/4"       | 2.05      | 2.93      | 1.42 | 0.59 | 3.07 | 20.8  |
| 1"         | 2.46      | 3.58      | 1.87 | 0.79 | 3.78 | 40.3  |
| 1 1/4"     | 2.81      | 4.02      | 2.02 | 0.98 | 3.78 | 79.5  |
| 1 1/2"     | 3.28      | 4.63      | 2.22 | 1.25 | 3.78 | 160.0 |
| 2"         | 3.81      | 5.65      | 2.43 | 1.58 | 4.84 | 220.6 |

\*\*The CV Factor is the gallons of water per minute passed through the valve with a 1 PSI pressure drop.

## FULL PORT BALL VALVES

FORGED BRASS  
I.P.S.



MODEL  
T-1000

**MODEL T-1000** ball valves are constructed of heavy duty forged brass. They are designed for commercial and industrial use on steam, water, oil or gas. The full port design makes it ideal for applications where flow rate is critical and a 3-piece valve is unnecessary. The extra heavy duty bottom loaded stem utilizes both a teflon thrust washer and viton o-ring. The large raised wrench flats reduce slippage.

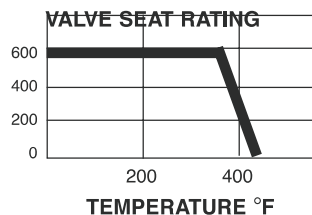


CONFORMS TO FEDERAL SPECIFICATION WWV-35B

| MATERIAL SPECIFICATION |                     |
|------------------------|---------------------|
| PART                   | MATERIAL            |
| HANDLE NUT             | COATED STEEL        |
| HANDLE                 | COATED STEEL        |
| STEM PACKING           | TEFLON®             |
| O-RING                 | VITON               |
| THRUST WASHER          | TEFLON®             |
| STEM                   | BRASS               |
| BALL                   | CHROME PLATED BRASS |
| SEATS                  | TEFLON®             |
| BODY                   | FORGED BRASS        |
| END ADAPTER            | FORGED BRASS        |

### PRESSURE RATING

3/4" 600 W.O.G. NON-SHOCK  
1" - 2" 500 W.O.G. NON-SHOCK  
All sizes rated at 150 W.S.P.



| DIMENSIONS IN INCHES |      |      |      |      |       |
|----------------------|------|------|------|------|-------|
| Valve Size           | A    | B    | C    | D    | CV**  |
| 3/4"                 | 2.68 | 1.64 | 0.79 | 3.80 | 40.3  |
| 1"                   | 3.20 | 1.80 | 1.00 | 3.80 | 79.5  |
| 1 1/4"               | 3.74 | 2.00 | 1.25 | 3.80 | 160.7 |
| 1 1/2"               | 4.09 | 2.42 | 1.50 | 4.79 | 229.6 |
| 2"                   | 4.95 | 2.72 | 2.00 | 4.79 | 346.0 |

\*\*The CV Factor is the gallons of water per minute passed through the valve with a 1 PSI pressure drop.

## PVC AND CPVC COMPACT BALL VALVES

I.P.S. AND  
SOCKET ENDS

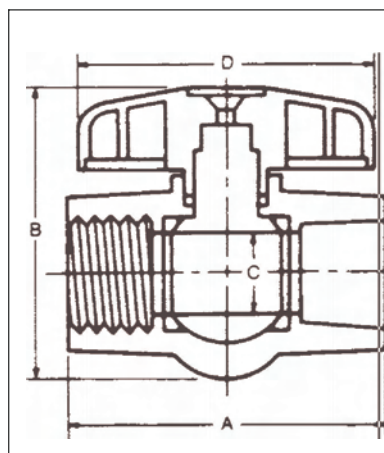


MODEL S-601

**MODEL T-601/S-601** PVC ball valves and S-605 CPVC ball valves are entirely constructed of plastic materials to ensure corrosion resistance. The large ports allow for a maximum of flow and a minimum of pressure drop or turbulence. May be used on schedule 40 or 80 pipe.

**MAXIMUM SERVICE TEMPERATURE:** 601 140° 605 180°  
**PRESSURE RATING:** 150 @ 73°F 100 @ 180°F

| MATERIAL SPECIFICATION |        |        |
|------------------------|--------|--------|
| PART                   | 601    | 605    |
| HANDLE                 | PVC    | PVC    |
| STEM                   |        |        |
| PACKING                | EPDM   | EPDM   |
| STEM                   | PVC    | CPVC   |
| BALL                   | PVC    | CPVC   |
| SEATS                  | TEFLON | TEFLON |
| BODY                   | PVC    | CPVC   |



### DIMENSIONS IN INCHES

| Valve Size | A     | B    | C    | D     |
|------------|-------|------|------|-------|
| 1/2"       | 3.26  | 2.46 | .055 | 3.12  |
| 3/4"       | 3.79  | 3.10 | .077 | 3.54  |
| 1"         | 4.17  | 3.72 | 0.97 | 3.96  |
| 1 1/4"     | 4.25  | 3.96 | 1.14 | 3.96  |
| 1 1/2"     | 5.11  | 4.54 | 1.42 | 4.29  |
| 2"         | 5.79  | 5.31 | 1.83 | 5.30  |
| 2 1/2"     | 8.04  | 6.28 | 2.37 | 7.00  |
| 3"         | 9.03  | 7.51 | 2.98 | 8.80  |
| 4"         | 11.83 | 9.27 | 3.97 | 10.85 |

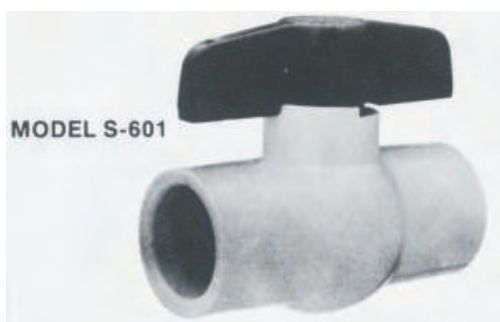
# ACR INDUSTRIES

## Fittings & Valves

954-968-8497

### PVC AND CPVC COMPACT BALL VALVES

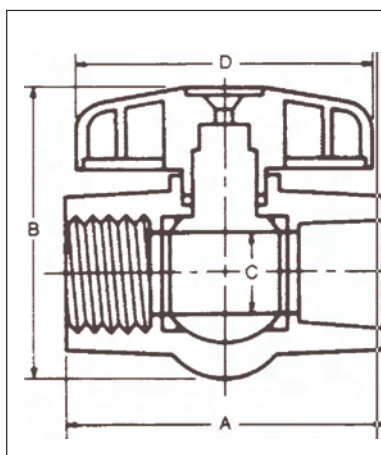
I.P.S. AND  
SOCKET ENDS



**MODEL T-601/S-601** PVC ball valves and **S-605** CPVC ball valves are entirely constructed of plastic materials to ensure corrosion resistance. The large ports allow for a maximum of flow and a minimum of pressure drop or turbulence. May be used on schedule 40 or 80 pipe.

**MAXIMUM SERVICE TEMPERATURE:** **601** 140° **605** 180°F  
**PRESSURE RATING:** 150 @ 73°F 100 @ 180°F

| MATERIAL SPECIFICATION |        |        |
|------------------------|--------|--------|
| PART                   | 601    | 605    |
| HANDLE                 | PVC    | PVC    |
| STEM                   |        |        |
| PACKING                | EPDM   | EPDM   |
| STEM                   | PVC    | CPVC   |
| BALL                   | PVC    | CPVC   |
| SEATS                  | TEFLON | TEFLON |
| BODY                   | PVC    | CPVC   |



#### DIMENSIONS IN INCHES

| Valve Size | A     | B    | C    | D     |
|------------|-------|------|------|-------|
| 1/2"       | 3.26  | 2.46 | .055 | 3.12  |
| 3/4"       | 3.79  | 3.10 | .077 | 3.54  |
| 1"         | 4.17  | 3.72 | 0.97 | 3.96  |
| 1 1/4"     | 4.25  | 3.96 | 1.14 | 3.96  |
| 1 1/2"     | 5.11  | 4.54 | 1.42 | 4.29  |
| 2"         | 5.79  | 5.31 | 1.83 | 5.30  |
| 2 1/2"     | 8.04  | 6.28 | 2.37 | 7.00  |
| 3"         | 9.03  | 7.51 | 2.98 | 8.80  |
| 4"         | 11.83 | 9.27 | 3.97 | 10.85 |