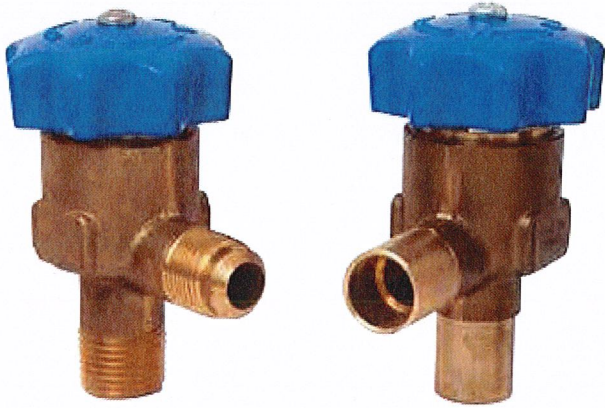


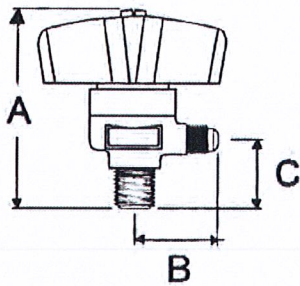
# Packless Diaphragm Valves

## Angle

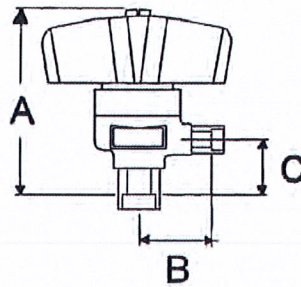


### Features:

- Maximum abnormal pressure (MAP) with the flow in the direction of the arrow on the body: 700 psig, 48 bar
- Maximum abnormal pressure (MAP) with the flow against the direction of the arrow on the body: 300 psig, 24 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- Compatible with all CFC, HCFC and HFC refrigerants and oils
- UL/cUL Listed, Conforms to Pressure Equipment Directive 97/23/EC
- Forged brass body with full size openings for maximum flow and minimum pressure drop
- Diaphragms for positive isolation
- Thermally stable hand wheel for operation in wide temperature ranges



NPTFE to Flare



Solder to Solder

### NPTFE to Flare

| Part Number | NPTFE |      | Flare |      | A Open |    | B    |    | C Min |    | Wt   |      |
|-------------|-------|------|-------|------|--------|----|------|----|-------|----|------|------|
|             | in    | mm   | in    | mm   | in     | mm | in   | mm | in    | mm | lb   | kg   |
| A 15525     | 1/4   | 6    | 1/4   | 6    | 2.82   | 72 | 1.30 | 33 | 1.04  | 26 | 0.71 | 0.32 |
| A 15526     | 1/4   | 6    | 3/8   | 9.5  | 2.82   | 72 | 1.42 | 36 | 1.04  | 26 | 0.45 | 0.20 |
| A 15530     | 1/2   | 12.5 | 1/2   | 12.5 | 3.70   | 94 | 1.86 | 47 | 1.44  | 37 | 1.17 | 0.53 |
| A 15531     | 1/2   | 12.5 | 5/8   | 15.7 | 3.70   | 94 | 1.94 | 49 | 1.44  | 37 | 1.18 | 0.54 |

### Solder to Solder

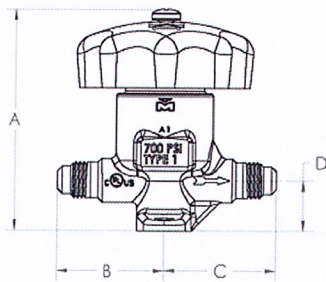
| Part Number | OD  |    | A Open |    | B    |    | C    |    | Wt   |      |
|-------------|-----|----|--------|----|------|----|------|----|------|------|
|             | in  | mm | in     | mm | in   | mm | in   | mm | lb   | kg   |
| A 15539     | 1/4 | 6  | 2.85   | 72 | 1.11 | 28 | 0.76 | 19 | 0.69 | 0.31 |
| A 15541     | 1/2 | 13 | 3.70   | 94 | 1.56 | 40 | 1.06 | 27 | 1.14 | 0.52 |
| A 15542     | 5/8 | 17 | 3.70   | 94 | 1.44 | 37 | 0.94 | 24 | 1.14 | 0.52 |

# Packless Diaphragm Valves

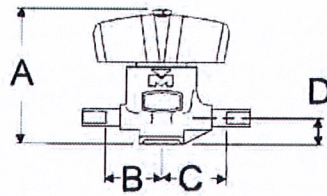
## Straight

### Features:

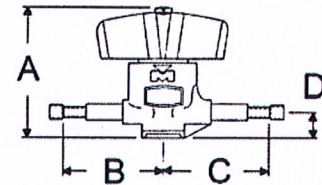
- Maximum abnormal pressure (MAP) with the flow in the direction of the arrow on the body: 700 psig, 48 bar
- Maximum abnormal pressure (MAP) with the flow against the direction of the arrow on the body: 300 psig, 24 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- Compatible with all CFC, HCFC and HFC refrigerants and oils
- UL/cUL Listed, Conforms to Pressure Equipment Directive 97/23/EC
- Forged brass body with full size openings for maximum flow and minimum pressure drop
- Diaphragms for positive isolation
- Thermally stable hand wheel for operation in wide temperature ranges



Flare to Flare



Solder to Solder



Solder to Solder Ext Ends

### Flare to Flare

| Part Number | Size |    | A Open |    | B    |    | C    |    | D    |    | Wt   |      |
|-------------|------|----|--------|----|------|----|------|----|------|----|------|------|
|             | in   | mm | in     | mm | in   | mm | in   | mm | in   | mm | lb   | kg   |
| A 14833     | 1/4  |    | 2.70   | 69 | 1.32 | 34 | 1.38 | 35 | 0.62 | 16 | 0.59 | 0.27 |
| A 14835     | 3/8  |    | 2.70   | 69 | 1.36 | 35 | 1.42 | 36 | 0.62 | 16 | 0.60 | 0.27 |
| A 14836     | 1/2  |    | 3.46   | 88 | 1.62 | 41 | 1.86 | 47 | 0.84 | 21 | 1.03 | 0.47 |
| A 14837     | 5/8  |    | 3.46   | 88 | 1.70 | 43 | 1.93 | 49 | 0.84 | 21 | 1.05 | 0.48 |

### Solder to Solder

| Part Number | Size |    | A Open |    | B    |    | C    |    | D    |    | Wt   |      |
|-------------|------|----|--------|----|------|----|------|----|------|----|------|------|
|             | in   | mm | in     | mm | in   | mm | in   | mm | in   | mm | lb   | kg   |
| A 14838     | 1/4  | 6  | 2.70   | 69 | 1.04 | 26 | 1.10 | 28 | 0.62 | 16 | 0.57 | 0.26 |
| A 14840     | 3/8  | 10 | 2.70   | 69 | 1.04 | 26 | 1.10 | 28 | 0.62 | 16 | 0.57 | 0.26 |
| A 14841     | 1/2  | 13 | 3.49   | 89 | 1.32 | 34 | 1.56 | 40 | 0.84 | 21 | 0.97 | 0.44 |
| A 14842     | 5/8  | 17 | 3.49   | 89 | 1.20 | 30 | 1.44 | 37 | 0.84 | 21 | 1.00 | 0.45 |

### Solder to Solder Ext Ends

| Part Number | Size |    | A Open |    | B    |    | C    |    | D    |    | Wt   |      |
|-------------|------|----|--------|----|------|----|------|----|------|----|------|------|
|             | in   | mm | in     | mm | in   | mm | in   | mm | in   | mm | lb   | kg   |
| A 14848     | 1/4  | 6  | 2.70   | 69 | 2.66 | 68 | 2.72 | 69 | 0.62 | 16 | 0.86 | 0.39 |
| A 14850C    | 3/8  | 10 | 2.70   | 69 | 2.82 | 72 | 2.88 | 73 | 0.62 | 16 | 0.62 | 0.28 |
| A 14851     | 1/2  | 13 | 3.49   | 89 | 3.04 | 77 | 3.28 | 83 | 0.84 | 21 | 1.06 | 0.48 |
| A 14852     | 5/8  | 17 | 3.49   | 89 | 3.11 | 79 | 3.35 | 85 | 0.84 | 21 | 1.17 | 0.53 |