## **Capped Line Valves**

### Heldon

#### Introduction

Heldon Capped Line Valves are designed and manufacturers for a multitude of uses in refrigeration or air-conditioning systems. These forged brass valves provide easy accessibility, serviceability and isolation. Most have been manufactured by Heldon for over 50 years and have a reputation second to none in pressure critical environments.

The body is forged brass and features a polished stainless steel spindle with a double O-ring seal arrangement that gives a long service life, that is also easily removed and fully serviceable.

Suitable for all fluorinated refrigerants they are available in a number designs to suit most applications. Right Angle in combinations of MSAE (flare) ,MBSP,MNPT and the unique female swivel to MSAE two and three way. Foot mounting offset straight through versions and available with and with out a back seating access port.



#### **Features**

Designed for maximum flow and minimal pressure drop.
Strong forged brass or solid brass body.
Precision ground and polished stainless steel stem.
Integral foot mount mounting bracket.
Available in a multitude of versions.
Safe working pressure of 4,200 kpa
(R-410a compatible)
Stainless steel inset on swivel models
Compatible will all fluorinated refrigerants and Oils.

### **Manufacturing Standards**

Manufactured in accordance with AS / NZ 1677.2 Safe Working Pressure: 4,200 kPa

## Heldon

# **Capped Line Valves**

| Mails SAE Side to Male BSP Bottom  |                  |                              |     |    |    |              |          |
|--|------------------|------------------------------|-----|----|----|--------------|----------|
| 2201-0404 1/4 MSAE x 1/4 MSSP 86 30 30 20 2201-0406 1/4 MSAE x 1/2 MSSP 104 29 34 2201-0506 3/8 MSAE x 1/4 MSSP 86 30 30 30 2201-0506 3/8 MSAE x 3/8 MSSP 86 30 30 30 2201-0506 3/8 MSAE x 3/8 MSSP 86 30 30 30 2201-0506 3/8 MSAE x 3/8 MSSP 86 30 30 30 2201-0506 3/8 MSAE x 3/8 MSSP 104 35 37 2201-0506 1/2 MSAE x 3/8 MSSP 104 35 35 2201-1006 5/8 MSAE x 3/8 MSSP 104 35 35 2201-1008 5/8 MSAE x 3/8 MSSP 104 35 35 2201-1008 5/8 MSAE x 1/2 MSSP 104 35 35 2201-1008 5/8 MSAE x 1/2 MSSP 104 35 35 2201-1108 3/4 MSAE x 1/2 MSSP 104 35 35 2201-1108 3/8 MSAE x 1/2 MSSP 104 35 35 2201-1208 3/8 MSAE x 1/2 MSSP 104 35 35 2201-1008 5/8 MSAE x 3/8 MSPP 121 43 39 2201-1208 3/8 MSAE x 1/2 MSSP 104 35 35 2201-1008 5/8 MSAE x 3/8 MSPP 121 43 39 2201-1208 3/8 MSAE x 1/2 MSSP 104 35 35 2201-1008 5/8 MSAE x 3/8 MSPP 121 43 39 2201-1208 3/8 MSAE x 1/2 MSAP 121 43 39 2201-1208 3/8 MSAE x 1/2 MSAP 121 43 39 2201-1208 3/8 MSAE x 1/2 MSAP 121 43 39 2201-1008 5/8 MSAE x 3/8 MSPP 104 35 35 30 MSSP x 1/2 MSAP 12 MSAP 104 35 35 30 MSSP x 1/2 MSAP 104 35 36 30 MSSP x 1/2 MSSP 104 3 |                  |                              |     |    |    |              |          |
| 2201-0406 1/4 MSAE x 3/8 MSSP 86 30 30 30 2201-0606 3/8 MSAE x 1/4 MSEP 104 29 34 32 32 2201-0606 3/8 MSAE x 1/2 MSSP 86 32 32 32 2201-0608 3/8 MSAE x 3/8 MSEP 86 30 30 30 30 2201-0608 3/8 MSAE x 1/2 MSSP 104 35 37 1201-0609 1/2 MSAE x 3/8 MSSP 104 35 35 35 2201-0808 1/2 MSAE x 1/2 MSSP 104 35 35 35 2201-1008 5/8 MSAE x 1/2 MSSP 104 35 35 35 2201-1012 5/8 MSAE x 3/4 MSSP 104 35 35 35 2201-1012 5/8 MSAE x 3/4 MSSP 104 35 35 35 2201-1006 3/4 MSAE x 1/2 MSSP 104 35 35 35 2201-1006 3/4 MSAE x 1/2 MSSP 104 35 35 35 2201-1006 3/4 MSAE x 1/2 MSSP 104 35 35 35 2201-1006 3/4 MSAE x 3/4 MSSP 121 4/3 39 30 30 MSAE x 3/4 MSSP 121 4/3 39 30 30 MSAE x 3/4 MSSP 121 4/4 35 35 35 30 MSAE x 3/4 MSSP 121 4/4 35 35 35 30 MSAE x 3/4 MSSP 121 4/4 MSAE 5/4 MSSP 1220-0606 3/6 MSAE x 3/6 MNPT 6/5 30 30 30 30 MSAE x 3/4 MSSP x 1/2 MSAE 104 35 35 35 30 MSAE 104 MSSP x 1/2 MSAE 104 35 35 35 30 MSAE 104 MSAE x 1/4 MSAE 104 35 35 35 30 MSAE 104 MSAE X 1/4 MSAE 104 35 35 30 MSAE 104 MSAE 102 80 16 2220-0606 1/2 MSAE 102 80 16 2220-0606 3/6 MSAE 105 80 56 16 2220-0606 3/6 MSAE 105 80 56 16 22220-0606 3/6 MSAE 105 80 56 16 6 22220-0606 3/6 MSAE 105 107 70 42 2220-0606 3/6 MSAE 105 107 70 42 2230-0606 3/6 MSAE 105 105 107 70 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 105 105 105 105 90 60 40 42 2230-0606 3/6 MSAE 10 |                  |                              |     |    |    |              |          |
| 201-0408 1/4 MSAE x 1/2 MBSP 104 29 34 201-0606 3/8 MSAE x 3/8 MBSP 86 32 32 201-0606 3/8 MSAE x 3/8 MBSP 86 30 30 30 201-0606 3/8 MSAE x 3/8 MBSP 104 35 35 201-0806 1/2 MSAE x 3/8 MBSP 104 35 35 201-0806 1/2 MSAE x 3/8 MBSP 104 35 35 201-1008 5/8 MSAE x 3/8 MBSP 104 35 35 201-1008 5/8 MSAE x 3/8 MBSP 104 35 35 201-1008 5/8 MSAE x 3/8 MBSP 104 35 35 201-1008 5/8 MSAE x 3/8 MBSP 121 43 39 201-1208 3/4 MSAE x 1/2 MBSP 104 35 35 201-1008 5/8 MSAE x 3/8 MBSP 121 43 39 201-1208 3/8 MSAE x 3/8 MSP 121 43 39 201-1208 3/8 MSAE x 3/8 MNFT 85 30 30  (Mals SAE Side to Male Taper NPT Bottom A B C 202-0606 3/8 MSAE x 3/8 MNFT 85 30 30  (Mals Taper BSP Side to Male SAE Bottom A B C 2210-0608 3/8 MSAE x 3/8 MNFT 85 30 30  (Thing Foot Mount MSAE x 3/8 MSAE 100 30 16 2220-0404 1/4 MSAE Three-Way 95 33 35 30  (Thing Foot Mount MSAE x 3/8 MSAE 100 80 176 2220-0606 3/8 MSAE 100 80 176 2220-0607 3/8 MSAE 115 90 20  (Mals SAE Flare to Female Solder A B C 2220-0608 3/8 MSAE 100 80 177 2220-0404 1/4 MSAE x 1/4 ID 80 56 16  (Mals SAE Flare to Female Solder A B C 2220-0608 3/8 IN SAE 115 90 20  (Mals SAE Flare to Female Solder A B C 2220-0608 3/8 IN SAE 110 65 44 2221-0609 3/8 IN SAE 110 100 57 18 2220-0404 1/4 MSAE x 1/4 ID 80 56 16  (Mals SAE Flare to Female Solder A B C 2220-0608 3/8 IN SAE 110 65 44 2221-0608 3/8 IN SAE 110 65 44 2222-0608 3/8 IN SAE 110 65 44 2223-0609 3/8 MSAE 110 65 44 2233-0609 3/8 MSAE 110 110 70 42 2233-0709 5/8 MSAE 110 110 70 42 2233-0709 5/8 MSAE 110 110 70 42 2233-0 | 2201-0404        | 1/4 MSAE x 1/4 MBSP          |     | 30 |    |              |          |
| 201-0408 1/4 MSAE x 1/2 MSSP 104 29 34 201-0606 3/8 MSAE x 1/4 MSSP 68 30 30 30 201-0606 3/8 MSAE x 1/2 MSSP 68 30 30 30 201-0606 1/2 MSAE x 3/8 MSSP 104 35 35 201-0606 1/2 MSAE x 3/8 MSSP 104 35 35 201-0606 1/2 MSAE x 3/8 MSSP 104 35 35 201-1008 5/8 MSAE x 1/2 MSSP 104 35 35 201-1008 5/8 MSAE x 1/2 MSSP 104 35 35 201-1008 5/8 MSAE x 3/8 MSSP 12 14 3 39 201-1008 5/8 MSAE x 3/8 MSSP 12 14 3 39 201-1008 5/8 MSAE x 3/8 MSSP 12 14 3 39 201-1008 5/8 MSAE x 3/8 MSSP 12 14 3 39 201-1008 5/8 MSAE x 3/8 MSP 7 104 35 35 201-1008 5/8 MSAE x 3/8 MNSP 7 104 35 35 201-1008 3/8 MSAE x 3/8 MNSP 7 104 35 35 201-1008 3/8 MSAE x 3/8 MNSP 7 105 30 30  Male SAE Side to Male Taper NPT Bottom A B C 202-0606 3/8 MSAE x 3/8 MNSP 7 105 35 35  Female Swivel to Male SAE Iline A B C 2250-0404 1/4 MSAE Three-Way 93 3 35 30  Inline Foot Mount Male SAE Iline A B C 2220-0606 3/8 MSAE 100 80 176 2220-0606 3/8 MSAE 100 80 176 2220-0607 1/4 MSAE x 1/4 ID 80 56 16 2220-0608 3/8 MSAE 100 80 176 2220-0609 1/4 MSAE x 1/4 ID 80 56 16 2220-0608 3/8 MSAE 100 80 176 2220-0609 1/4 MSAE x 1/4 ID 80 56 16 2220-0609 1/4 ID 80 56 16 2220-0609 1/4 ID 80 55 18  C 2220-0609 1/4 ID 80 55 18  C 2220-0609 1/4 ID 80 56 16 2220-0609 1/4 ID 80 60 40 22 | 2201-0406        | 1/4 MSAE x 3/8 MBSP          | 86  | 30 | 30 |              |          |
| 2021-0604 3/8 MSAE x 3/8 MBSP 86 32 32 32 2021-0608 3/8 MSAE x 3/8 MBSP 86 30 30 30 30 30 MSAE x 3/8 MBSP 96 33 37 37 37 37 37 37 37 37 37 37 37 37  | 2201-0408        | 1/4 MSAF x 1/2 MBSP          | 104 |    |    |              |          |
| 2021-09606 3/8 MSAE x 3/8 MBSP 104 35 37 2021-09606 12/8 MSAE x 3/8 MBSP 104 35 35 35 35 2021-09606 12/8 MSAE x 3/8 MBSP 104 35 35 35 2021-1008 5/8 MSAE x 3/4 MBSP 104 35 35 35 2021-1008 5/8 MSAE x 3/4 MBSP 104 35 35 35 2021-1008 5/8 MSAE x 3/4 MBSP 104 35 35 2021-1008 5/8 MSAE x 3/4 MBSP 104 35 35 2021-1008 3/4 MSAE x 3/4 MBSP 102 43 39 2021-1012 5/8 MSAE x 3/8 MBPT 85 30 30 30 MSAE x 3/8 MSAE 104 35 35 5 35 5 35 5 35 5 35 5 35 5 35 5  |                  |                              |     |    |    |              |          |
| 2021-0608 3/8 MSAE x 1/2 MSSP 104 35 37 2021-0808 1/2 MSAE x 3/8 MSSP 104 35 35 35 2021-0808 1/2 MSAE x 1/2 MSSP 104 35 35 35 2021-0808 1/2 MSAE x 1/2 MSSP 104 35 35 35 2021-1012 5/8 MSAE x 3/4 MSSP 112 43 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 39 201-102 5/8 MSAE x 3/4 MSSP 112 43 39 30 30 30 30 30 30 30 30 30 30 30 30 30   |                  |                              |     |    |    |              |          |
| 2021-0806 1/2 MSAE x 38 MSSP 104 35 35 35 2021-1008 5/8 MSAE x 1/2 MSSP 104 35 35 35 2021-1008 5/8 MSAE x 3/4 MSSP 104 35 35 35 2021-1008 5/8 MSAE x 3/4 MSSP 104 35 35 35 2021-1028 3/4 MSAE x 1/2 MSSP 104 35 35 35 2021-1028 3/4 MSAE x 1/2 MSSP 104 35 35 35 2021-1028 3/4 MSAE x 1/2 MSSP 104 35 30 30 30 MSAE x 1/2 MSSP 104 35 30 30 30 MSAE x 1/2 MSAE x 1/2 MSAE 104 35 35 35 30 30 MSSP x 1/2 MSAE 104 35 35 35 30 30 MSSP x 1/2 MSAE 104 35 35 35 30 30 MSSP x 1/2 MSAE 104 35 35 35 30 30 MSSP x 1/2 MSAE 104 35 35 35 30 30 MSSAE 104 1/4 MSAE 104 35 35 30 30 30 30 MSSAE 104 1/4 MSAE 104 35 35 30 30 30 MSSAE 104 1/4 MSAE 104 36 30 30 30 30 30 MSSAE 104 1/4 MSAE 104 36 30 30 30 30 30 30 30 30 30 30 30 30 30  |                  |                              |     |    |    |              | 1 B      |
| 2201-10808 1/2 MSAE x 1/2 MBSP 104 35 35 35 2201-1012 5/8 MSAE x 1/2 MBSP 104 35 35 35 2201-1012 5/8 MSAE x 3/4 MBSP 121 43 39 2201-1028 3/4 MSAE x 1/2 MBSP 121 43 39 2201-1208 3/4 MSAE x 1/2 MBSP 121 43 39 2201-1208 3/4 MSAE x 1/2 MBSP 121 43 39 2201-1208 3/4 MSAE x 3/8 MNPT 65 30 30 30 30 30 30 30 30 30 30 30 30 30   |                  |                              |     |    |    | (里子          |          |
| 2201-1008  |                  |                              |     |    |    |              |          |
| 2201-1012 518 MSAE x 314 MSSP 1201-1028 314 MSAE x 112 MSSP 2201-1208 314 MSAE x 112 MSSP 1201-1208 314 MSAE x 112 MSSP 1202-0606 316 MSAE x 378 MNPT 85 30 30 30 30 30 30 30 30 30 30 30 30 30  | 2201-0808        | 1/2 MSAE x 1/2 MBSP          |     |    |    |              |          |
| 2201-1012 518 MSAE x 3/4 MBSP 121 43 39 2201-1208 3/4 MSAE x 1/2 MBSP  | 2201-1008        | 5/8 MSAE x 1/2 MBSP          | 104 | 35 | 35 |              |          |
| 2201-1208  | 2201-1012        | 5/8 MSAE x 3/4 MBSP          | 121 | 43 | 39 |              |          |
| Male SAE Side to Male Taper NPT Bottom   |                  |                              |     | -  |    |              | ^        |
| Male Super   |                  | of timerie x the moon        |     |    |    |              |          |
| Male   Super   | Male SAF Side    | to Male Taper NPT Bottom     | Α   | В  | С  |              |          |
| Male Taper BSP Side to Male SAE Bottom   A   |                  | 3/8 MSAF x 3/8 MNPT          | 85  |    | 30 |              |          |
| Permale Solder   | 2202 0000        | O/O MO/ LE X O/O MINI        | 00  | 00 | 00 |              |          |
| Permale Solider  | Male Taner RS    | P Side to Male SAF Bottom    | Δ   | R  | C  |              |          |
| Female Swivel to Male SAE line   |                  |                              |     |    | 35 |              |          |
| 2250-04040   | ZZ 1U-UDUŎ       | J/O IVIDOF X 1/2 IVIOAE      | 104 | აⴢ | ან |              |          |
| 2250-04040   | Famels 9 : -     | to Male CAE line             |     |    | _  |              |          |
| Inline Foot Mount   Male SAE Flare   A   |                  | to wate SAE line             | A   |    | C  |              |          |
| Inline Foot Mount   Male SAE Flare   A   |                  | •                            |     |    |    |              |          |
| Male SAE Flare   A   | 2250-0404        | Two-Way                      | 93  | 35 | 30 |              |          |
| Male SAE Flare   A   |                  |                              |     |    |    | _            |          |
| 2220-0404  |                  |                              |     |    |    |              |          |
| 2220-0404  |                  |                              | Α   |    |    |              |          |
| 2220-0808 1/2 MSAE 102 80 16 2220-1010 5/8 MSAE 115 90 20  Male SAE Flare to Female Solder A B C 2227-0404 1/4 MSAE x 1/4 ID 80 56 16 2227-0606A1 3/8 ID (lwr port) x 1/4 MSAE 80 56 16 2227-0606A1 3/8 ID (lwr port) x 3/8 MSAE 100 68 34  Female Solder A B C 2230-0404 1/4 ID 80 50 18 2230-0808 1/2 ID 102 57 18 2230-1010 5/8 ID 116 65 20 2230-1212 3/4 ID 116 70 20  In Line with Access (Front and Back seats) Male SAE Flare - Foot Mount A B C 2225-0404 1/4 MSAE 110 59 44 2225-0808 1/2 MSAE 110 65 44 2225-0806 3/8 MSAE 114 65 44 2225-0806 3/8 MSAE 110 70 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 40 2225-0404 1/4 ID 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 70 42 2235-1010 5/8 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 70 42 2235-1212 3/4 ID 150 94 25 2235-1818 1 1/8 ID  | 2220-0404        | 1/4 MSAE                     | 80  | 60 | 16 |              |          |
| 2220-0808 1/2 MSAE 102 80 16 2220-1010 5/8 MSAE 115 90 20  Male SAE Flare to Female Solder A B C 2227-0404 1/4 MSAE 1/4 ID 80 56 16 2227-0606A1 3/8 ID (lwr port) x 1/4 MSAE 80 56 16 2227-0606A1 3/8 ID (lwr port) x 3/8 MSAE 100 68 34  Female Solder A B C 2230-0404 1/4 ID 80 50 18 2230-0808 1/2 ID 102 57 18 2230-1010 5/8 ID 116 65 20 2230-1212 3/4 ID 116 70 20  In Line with Access (Front and Back seats) Male SAE Flare - Foot Mount A B C 2225-0404 1/4 MSAE 110 59 44 2225-0808 1/2 MSAE 110 65 44 2225-0806 3/8 MSAE 114 65 44 2225-0806 3/8 MSAE 110 70 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 110 60 40 2235-0606 3/8 ID 110 70 44 2225-1212 3/4 ID 110 70 42 2235-1010 5/8 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 70 42 2235-1010 5/8 ID 150 94 25 2235-1010 5/8 ID 150 94 25 2235-1010 5/8 ID 150 94 25   |                  |                              |     |    |    |              |          |
| Male SAE Flare to Female Solder  |                  |                              |     |    |    |              |          |
| Male SAE Flare to Female Solder  |                  |                              |     |    |    |              |          |
| Male SAE Flare to Female Solder  | 2220-1010        | 3/0 MOAL                     | 113 | 90 | 20 |              |          |
| 2227-0404 1/4 MSAE x 1/4 ID  | Male SAE Flare   | e to Female Solder           | Δ   | R  | C  |              | В        |
| 2227-0404A1 1/4 ID (Iwr port) x 1/4 MSAE 80 56 16 2227-0606A1 3/8 ID (Iwr port) x 3/8 MSAE 100 68 34    Female Solder A B C 2230-0404 1/4 ID 80 50 18 2230-0606 3/8 ID 102 57 18 2230-0808 1/2 ID 102 72 18 2230-101 5/8 ID 116 65 20 2230-1212 3/4 ID 116 70 20    In Line with Access (Front and Back seats)   Male SAE Flare - Foot Mount A B C 2225-0404 1/4 MSAE 110 59 44 2225-0606 3/8 MSAE 114 65 44 2225-0808 1/2 MSAE 110 65 44 2225-010 5/8 MSAE 110 65 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60    Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 42 2235-0606 3/8 ID 110 70 42 2235-0606 3/8 ID 110 70 42 2235-1010 5/8 ID 150 94 25 2235-1414 7/8 ID 150 94 25 2235-1414 7/8 ID 150 94 25 2235-1414 7/8 ID 150 94 25 2235-1418 1 1/8 ID   Female Solder - Threaded Base A B C C  |                  | 1/4 MCAE v 1/4 ID            |     |    |    |              |          |
| Temale Solder  |                  |                              |     |    |    |              |          |
| Female Solder  |                  |                              |     |    |    |              | <u> </u> |
| 2230-0404  | 2227-0606A1      | 3/8 ID (lwr port) x 3/8 MSAE | 100 | 68 | 34 |              |          |
| 2230-0404  |                  |                              |     |    |    |              |          |
| 2230-0606  |                  |                              |     |    |    |              |          |
| 2230-0808  | 2230-0404        |                              |     |    |    |              |          |
| 2230-1010 5/8 ID 116 65 20 2230-1212 3/4 ID 116 70 20  In Line with Access (Front and Back seats)  Male SAE Flare - Foot Mount A B C 2225-0404 1/4 MSAE 110 59 44 2225-0606 3/8 MSAE 114 65 44 2225-0808 1/2 MSAE 110 65 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 40 2235-0606 3/8 ID 110 60 42 2235-0606 3/8 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1212 3/4 ID 150 94 25 2235-1212 3/4 ID 150 94 25 2235-1818 1 1/8 ID  Female Solder - Threaded Base A B C   | 2230-0606        | 3/8 ID                       | 102 | 57 | 18 |              |          |
| 2230-1010 5/8 ID 116 65 20 2230-1212 3/4 ID 116 70 20  In Line with Access (Front and Back seats)  Male SAE Flare - Foot Mount A B C 2225-0404 1/4 MSAE 110 59 44 2225-0606 3/8 MSAE 114 65 44 2225-0808 1/2 MSAE 110 65 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 40 2235-0606 3/8 ID 110 60 42 2235-0606 3/8 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1212 3/4 ID 150 94 25 2235-1212 3/4 ID 150 94 25 2235-1818 1 1/8 ID  Female Solder - Threaded Base A B C   | 2230-0808        | 1/2 ID                       | 102 | 72 | 18 |              |          |
| Table   The state   The stat   |                  |                              |     |    |    |              |          |
| In Line with Access (Front and Back seats)   Male SAE Flare - Foot Mount   A   |                  |                              |     |    |    |              |          |
| Male SAE Flare - Foot Mount         A         B         C           2225-0404         1/4 MSAE         110         59         44           2225-0606         3/8 MSAE         114         65         44           2225-0808         1/2 MSAE         110         65         44           2225-1010         5/8 MSAE         110         70         44           2225-1212         3/4 MSAE         150         90         60           Female Solder - Foot Mount         A         B         C           2235-0404         1/4 ID         110         60         40           2235-0606         3/8 ID         110         60         42           2235-0808         1/2 ID         110         70         42           2235-1010         5/8 ID         110         70         42           2235-1212         3/4 ID         150         94         25           2235-1414         7/8 ID         78 ID         79         22           2235-1818         1 1/8 ID         110         70         42         79           2235-1818         1 1/8 ID         10         10         10         10         10         10   |                  | V/ 1 1D                      | 110 | 10 | 20 | _            |          |
| Male SAE Flare - Foot Mount         A         B         C           2225-0404         1/4 MSAE         110         59         44           2225-0606         3/8 MSAE         114         65         44           2225-0808         1/2 MSAE         110         65         44           2225-1010         5/8 MSAE         110         70         44           2225-1212         3/4 MSAE         150         90         60           Female Solder - Foot Mount         A         B         C           2235-0404         1/4 ID         110         60         40           2235-0808         1/2 ID         110         70         42           2235-1010         5/8 ID         110         70         42           2235-1212         3/4 ID         150         94         25           2235-1414         7/8 ID         150         94         25           2235-1818         1 1/8 ID         1 <t< td=""><td>In I ine with Ac</td><td>cess (Front and Back seats)</td><td></td><td></td><td></td><td></td><td></td></t<>  | In I ine with Ac | cess (Front and Back seats)  |     |    |    |              |          |
| 2225-0404 1/4 MSAE 110 59 44 2225-0606 3/8 MSAE 114 65 44 2225-0808 1/2 MSAE 110 65 44 2225-1010 5/8 MSAE 110 70 44 2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 40 2235-0606 3/8 ID 110 60 42 2235-0808 1/2 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1010 5/8 ID 110 70 42 2235-1212 3/4 ID 150 94 25 2235-1414 7/8 ID 2235-1818 1 1/8 ID  Female Solder - Threaded Base A B C  |                  |                              | Λ   | B  | C  |              |          |
| 2225-0606       3/8 MSAE       114       65       44         2225-0808       1/2 MSAE       110       65       44         2225-1010       5/8 MSAE       110       70       44         2225-1212       3/4 MSAE       150       90       60         Female Solder - Foot Mount       A       B       C         2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID       7/8 ID       7/8 ID         2235-1818       1 1/8 ID       1  |                  |                              |     |    |    | <b>-</b> _   |          |
| 2225-0808       1/2 MSAE       110       65       44         2225-1010       5/8 MSAE       110       70       44         2225-1212       3/4 MSAE       150       90       60         Female Solder - Foot Mount       A       B       C         2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID         2235-1818       1 1/8 ID             Female Solder - Threaded Base       A       B       C   |                  |                              |     |    |    | 91111        |          |
| 2225-0808 1/2 MSAE 110 65 44  2225-1010 5/8 MSAE 110 70 44  2225-1212 3/4 MSAE 150 90 60  Female Solder - Foot Mount A B C 2235-0404 1/4 ID 110 60 40  2235-0606 3/8 ID 110 60 42  2235-0808 1/2 ID 110 70 42  2235-1010 5/8 ID 110 70 42  2235-1212 3/4 ID 150 94 25  2235-1414 7/8 ID 150 94 25  Female Solder - Threaded Base A B C   |                  |                              |     |    |    | THE PARTY OF | В        |
| 2225-1212       3/4 MSAE       150       90       60         Female Solder - Foot Mount       A       B       C         2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID         2235-1818       1 1/8 ID             Female Solder - Threaded Base       A       B       C   |                  |                              |     |    |    | 05.08        |          |
| Female Solder - Foot Mount         A         B         C           2235-0404         1/4 ID         110         60         40           2235-0606         3/8 ID         110         60         42           2235-0808         1/2 ID         110         70         42           2235-1010         5/8 ID         110         70         42           2235-1212         3/4 ID         150         94         25           2235-1414         7/8 ID         7/8 ID         7/8 ID         7/8 ID           2235-1818         1 1/8 ID         7/8 ID         7/8 ID         7/8 ID         7/8 ID           2235-1818         1 1/8 ID         7/8 ID         <   |                  |                              |     |    |    |              | [_]      |
| 2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID         2235-1818       1 1/8 ID            Female Solder - Threaded Base       A       B       C  | 2225-1212        | 3/4 MSAE                     | 150 | 90 | 60 |              |          |
| 2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID         2235-1818       1 1/8 ID            Female Solder - Threaded Base       A       B       C  |                  |                              |     |    |    |              |          |
| 2235-0404       1/4 ID       110       60       40         2235-0606       3/8 ID       110       60       42         2235-0808       1/2 ID       110       70       42         2235-1010       5/8 ID       110       70       42         2235-1212       3/4 ID       150       94       25         2235-1414       7/8 ID         2235-1818       1 1/8 ID            Female Solder - Threaded Base       A       B       C  | Female Solder    | - Foot Mount                 | Α   | В  | С  |              | A A      |
| 2235-0606     3/8 ID     110     60     42       2235-0808     1/2 ID     110     70     42       2235-1010     5/8 ID     110     70     42       2235-1212     3/4 ID     150     94     25       2235-1414     7/8 ID       2235-1818     1 1/8 ID    Female Solder - Threaded Base  A  B  C  |                  |                              |     |    |    |              |          |
| 2235-0808     1/2 ID     110     70     42       2235-1010     5/8 ID     110     70     42       2235-1212     3/4 ID     150     94     25       2235-1414     7/8 ID       2235-1818     1 1/8 ID   Female Solder - Threaded Base  A B C  |                  |                              |     |    |    | Tree and     |          |
| 2235-1010 5/8 ID 110 70 42 2235-1212 3/4 ID 150 94 25 2235-1414 7/8 ID 2235-1818 1 1/8 ID  Female Solder - Threaded Base A B C   |                  |                              |     |    |    |              | 1 1      |
| 2235-1212  |                  |                              |     |    |    |              |          |
| 2235-1414 7/8 ID<br>2235-1818 1 1/8 ID<br>Female Solder - Threaded Base A B C  |                  |                              |     |    |    |              | 1 1/1    |
| 2235-1818 1 1/8 ID  Female Solder - Threaded Base A B C  |                  |                              | 150 | 94 | 25 |              |          |
| Female Solder - Threaded Base A B C  |                  |                              |     |    |    |              |          |
|  | 2235-1818        | 1 1/8 ID                     |     |    |    |              |          |
|  |                  |                              |     |    |    |              |          |
| <b>2252-080820</b> 1/2 ID 114 55 44  |                  |                              |     |    |    |              |          |
|  | 2252-080820      | 1/2 ID                       | 114 | 55 | 44 |              |          |
|  |                  |                              |     |    |    |              | c        |