

Hydraulic 4-Bolt Flanges

Hydraulic 4-Bolt Flange Pipe Socket Weld



| Port Size | Pad Size | Code 61 Carbon Steel | |
|-----------|----------|----------------------|------------------|
| | | O-ring Part # | Flat Face Part # |
| 1/2" | 1/2" | C614K0808PSW | C61610808PSW |
| 3/4" | 3/4" | C614K1212PSW | C61611212PSW |
| 1" | 1" | C614K1616PSW | C61611616PSW |
| 1-1/4" | 1-1/4" | C614K2020PSW | C61612020PSW |
| 1-1/2" | 1-1/2" | C614K2424PSW | C61612424PSW |
| 2" | 2" | C614K3232PSW | C61613232PSW |
| 2-1/2" | 2-1/2" | C614K4040PSW | C61614040PSW |
| 3" | 3" | C614K4848PSW | C61614848PSW |

| Port Size | Pad Size | Code 62 Carbon Steel | |
|-----------|----------|----------------------|------------------|
| | | O-ring Part # | Flat Face Part # |
| 1/2" | 1/2" | C6259K0808PSW | C62600808PSW |
| 3/4" | 3/4" | C6259K1212PSW | C62601212PSW |
| 1" | 1" | C6259K1616PSW | C62601616PSW |
| 1-1/4" | 1-1/4" | C6259K2020PSW | C62602020PSW |
| 1-1/2" | 1-1/2" | C6259K2424PSW | C62602424PSW |
| 2" | 2" | C6259K3232PSW | C62603232PSW |
| 2-1/2" | 2-1/2" | C6259K4040PSW | C62604040PSW |
| 3" | 3" | C6259K4848PSW | C62604848PSW |

Pressure Ratings of SAE Flanges

Code 61 SAE J518-1 / ISO6162-1

| Dash Size | Size | Maximum Working Pressure | | Fastener Torque Value Grade 8 UNC (ft. lbs.) |
|-----------|--------|--------------------------|------|--|
| | | PSI | MPa | |
| -8 | 1/2" | 5000 | 35 | 24 |
| -12 | 3/4" | | | 44 |
| -16 | 1" | | | 68 |
| -20 | 1-1/4" | 3000 | 21 | 111 |
| -24 | 1-1/2" | | | |
| -32 | 2" | 2500 | 17.5 | 218 |
| -40 | 2-1/2" | | | |
| -48 | 3" | | | |
| -56 | 3-1/2" | 500 | 3.5 | 218 |
| -64 | 4" | | | |
| -80 | 5" | | | |

NOTE: Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

Code 62 SAE J518-2 / ISO6162-2

| Dash Size | Size | Maximum Working Pressure | | Fastener Torque Value Grade 8 UNC (ft. lbs.) |
|-----------|--------|--------------------------|-----|--|
| | | PSI | MPa | |
| -8 | 1/2" | 6000 | 40 | 24 |
| -12 | 3/4" | | | 44 |
| -16 | 1" | | | 68 |
| -20 | 1-1/4" | | | 111 |
| -24 | 1-1/2" | | | 218 |
| -32 | 2" | | | 332 |
| -40 | 2-1/2" | | | 380 |
| -48 | 3" | 667 | | |

NOTE: For flange dimensions, diagrams and additional information please reference dixonvalve.com.