

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
		PSI	MPa	Grade 8 UNC (ft. lbs.)
-8	1/2"	5000	35	24
-12	3/4"	5000	35	44
-16	1"	4600	32	44
-20	1-1/4"	4000	28	68
-24	1-1/2"	3000	21	111
-32	2"	3000	21	111
-40	2-1/2"	2500	17.5	111
-48	3"	2300	16	218
-56	3-1/2"	500	3.5	218
-64	4"	500	3.5	218
-80	5"	500	3.5	218

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
		PSI	MPa	Grade 8 UNC (ft. lbs.)
-8	1/2"	6000	40	24
-12	3/4"	6000	40	44
-16	1"	6000	40	68
-20	1-1/4"	6000	40	111
-24	1-1/2"	6000	40	218
-32	2"	6000	40	332
-40	2-1/2"	6000	40	380
-48	3"	6000	40	667

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

