

BOSS Hydraulic Valve O-Ring Sizing Chart

INCHES

Boss Valve#	Type	Top Seal				Position 1				Position 2				Position 3			
		Std. O-Ring Sizes	I.D. (Inches)	Width (Inches)	Type	Std. O-Ring Sizes	I.D. (Inches)	Width (Inches)	Type	Std. O-Ring Sizes	I.D. (Inches)	Width (Inches)	Type	Std. O-Ring Sizes	I.D. (Inches)	Width (Inches)	Type
HYD01637	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
HYD07047	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
HYD07048	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
HYD01639	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
HYD01640	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
HYD07027	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
STB03096	2 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)								
STB03060	4 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	014	.489 ± .005	.070 ± .003	Nitrile (Buna-N)	013	.426 ± .005	.070 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)
HYD07100	4 Way	908	.644 ± .009	.087 ± .003	Nitrile (Buna-N)	014	.489 ± .005	.070 ± .003	Nitrile (Buna-N)	013	.426 ± .005	.070 ± .003	Nitrile (Buna-N)	012	.364 ± .005	.070 ± .003	Nitrile (Buna-N)
HYD07029	4 Way	910	.755 ± .009	.097 ± .003	Nitrile (Buna-N)	016	.614 ± .009	.070 ± .003	Nitrile (Buna-N)	015	.551 ± .007	.070 ± .003	Nitrile (Buna-N)	014	.489 ± .005	.070 ± .003	Nitrile (Buna-N)

METRIC

Boss Valve#	Type	Top Seal				Position 1				Position 2				Position 3			
		Std. O-Ring Sizes	I.D. (mm)	Width (mm)	Type	Std. O-Ring Sizes	I.D. (mm)	Width (mm)	Type	Std. O-Ring Sizes	I.D. (mm)	Width (mm)	Type	Std. O-Ring Sizes	I.D. (mm)	Width (mm)	Type
HYD01637	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
HYD07047	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
HYD07048	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
HYD01639	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
HYD01640	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
HYD07027	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
STB03096	2 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)								
STB03060	4 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	014	12.42 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)	013	10.82 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)
HYD07100	4 Way	908	16.36 ± .23	2.21 ± .08	Nitrile (Buna-N)	014	12.42 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)	013	10.82 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)	012	9.25 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)
HYD07029	4 Way	910	19.18 ± 0.23	2.46 ± 0.08	Nitrile (Buna-N)	016	15.60 ± 0.23	1.78 ± 0.08	Nitrile (Buna-N)	015	14.00 ± 0.18	1.78 ± 0.08	Nitrile (Buna-N)	014	12.42 ± 0.13	1.78 ± 0.08	Nitrile (Buna-N)

