

3 WAY HYDRAULIC BALL VALVES

Size	1/4"		3/8"		1/2"		3/4"		1"		1" 1/4		1" 1/2	
	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
Working Pressure (Stell)	50	7251	50	7251	50	7251	40	5801	40	5801	40	5801	38	5511
Working Pressure (Aluminum)	40	5801	40	5801	40	5801	30	3626	30	4351	30	4351	28	4061
Burst Pressure (Stell)	100	14500	100	14500	100	14500	95	13779	95	13779	95	13779	85	12328
Burst Pressure (Aluminum)	80	11603	80	11603	80	11603	75	10878	75	10878	75	10878	65	9427

Size	1/4"		3/8"		1/2"		3/4"		1"		1" 1/4		1" 1/2	
	l/min	GPM	l/min	GPM	l/min	GPM	l/min	GPM	l/min	GPM	l/min	GPM	l/min	GPM
Max. Flow Suggested	70	18.5	90	23.8	185	49.0	364	96.2	592	156.5	670	177.0	690	182.3

Size	Weight Aluminum		Weight Stell	
	kg	lbs	kg	lbs
1/4"	0.33	0.73	0.75	1.65
3/8"	0.31	0.68	0.64	1.41
1/2"	0.43	0.95	0.69	1.52
3/4"	1.00	2.20	1.56	3.44
1"	1.31	2.89	1.59	3.51
1"1/4	1.39	3.06	2.19	4.83
1"1/2	1.97	4.34	2.38	5.25

Fluid: OIL ISO VG46
 Temperature: 40°C
 Viscosity: 41.4-50.6 mm²/s
 Test Pressure: 5 Bar
 Test in Accordance: ISO 18869:2017

Temperature Range:
 Seals in NBR (Nitrile): From -20°C to +100°C (-4°F to +121°F)