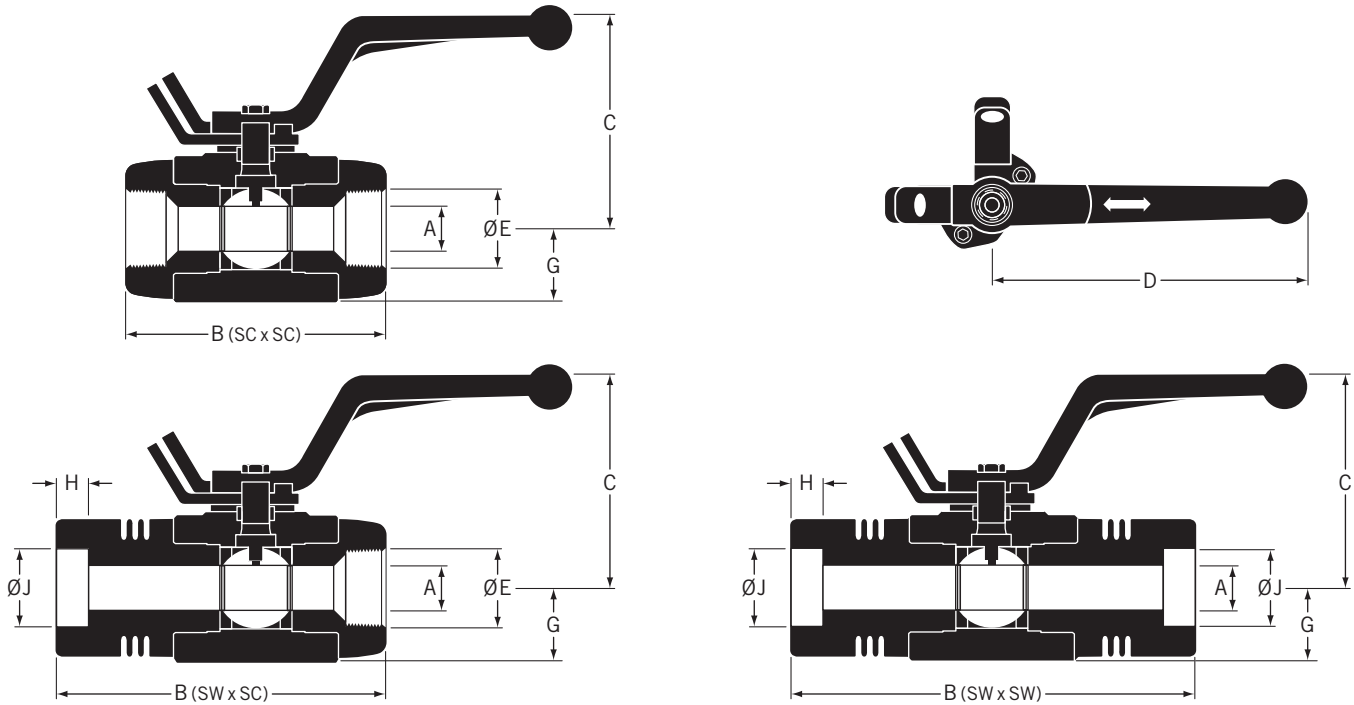


Series P134/P234/P334, SCxSC, SWxSC & SWxSW, Reduced Port (in., mm)

NPS	Item Size (in.)	Pressure (WOG)	Dimension (in.)											Weight (lbs.)			
			A	SCxSC	B	SWxSC	SWxSW	SCxSC	C	SWxSC	SWxSW	D	ØE NPT	G	ØJ	H	SCxSC
DN20	3/4	2000	0.50	3.98	4.49	5.00	3.43	3.29	3.29	5.71	3/4	0.85	1.07	0.51	2.98	4.41	5.07
		3000	0.50	4.37	4.69	5.00	3.43	3.29	3.29	5.71	3/4	0.85	1.07	0.51	3.42	4.63	5.07
		4000	0.50	4.37	4.69	5.00	3.43	3.29	3.29	5.71	3/4	0.85	1.07	0.51	3.42	4.63	5.07
DN25	1	2000	0.75	4.33	5.53	6.73	4.17	3.57	3.57	5.71	1	1.20	1.33	0.51	5.16	7.27	7.93
		3000	0.75	5.24	5.98	6.73	4.17	3.57	3.57	5.71	1	1.20	1.33	0.51	6.04	7.71	7.93
DN32	1 1/4	ALL	1.00	5.98	6.89	7.36	3.91	3.91	3.91	6.77	1 1/4	1.46	1.68	0.51	12.12	13.66	14.33
DN40	1 1/2	ALL	1.00	5.98	6.89	7.36	3.91	3.91	3.91	6.77	1 1/2	1.46	1.68	0.51	11.90	13.44	13.89
DN50	2	2000	1.50	6.26	7.40	8.54	5.84	5.84	5.84	10.83	2	1.99	2.41	0.63	20.50	22.48	23.14
		3000	1.50	7.24	7.93	8.54	5.84	5.84	5.84	10.83	2	1.99	2.41	0.63	23.58	24.02	23.14
DN50	2	6000	1.50	7.24	7.93	8.54	5.84	5.84	5.84	10.83	2	1.99	2.41	0.63	23.58	24.02	23.14
DN80	3	ALL	2.00	9.69	10.28	10.55	7.44	7.44	7.44	11.89	3	2.52	3.54	0.63	48.49	48.93	59.95

NPS	Item Size (in.)	Pressure (WOG)	Dimension (mm)											Weight (kg)			
			A	SCxSC	B	SWxSC	SWxSW	SCxSC	C	SWxSC	SWxSW	D	ØE NPT	G	ØJ	H	SCxSC
DN20	3/4	2000	12.7	101	114.0	127	83.6	83.6	83.6	145	3/4	21.5	27.2	13	1.35	2.0	2.3
		3000	12.7	111	119.0	127	83.6	83.6	83.6	145	3/4	21.5	27.2	13	1.55	2.1	2.3
		4000	12.7	111	119.0	127	83.6	83.6	83.6	145	3/4	21.5	27.2	13	1.55	2.1	2.3
DN25	1	2000	19.0	110	140.5	171	90.8	90.8	90.8	145	1	30.5	33.9	13	2.34	3.3	3.6
		3000	19.0	133	152.0	171	90.8	90.8	90.8	145	1	30.5	33.9	13	2.74	3.5	3.6
DN32	1 1/4	ALL	25.4	163	175.0	187	99.3	99.3	99.3	172	1 1/4	37.0	42.7	13	5.50	6.2	6.5
DN40	1 1/2	ALL	25.4	163	175.0	187	99.3	99.3	99.3	172	1 1/2	37.0	42.7	13	5.40	6.1	6.3
DN50	2	2000	38.1	159	188.0	217	148.3	148.3	148.3	275	2	50.5	61.2	16	9.30	10.2	10.5
		3000	38.1	184	201.5	217	148.3	148.3	148.3	275	2"	50.5	61.2	16	10.70	10.9	10.5
DN50	2	6000	38.1	184	201.5	217	148.3	148.3	148.3	275	2"	50.5	61.2	16	10.70	10.9	10.5
DN80	3	ALL	50.8	254	261.0	268	189.0	189.0	189.0	302	3"	64.0	90.0	16	22.00	22.2	27.2



Series P135/P235/P335, SCxSC, SWxSC & SWxSW, Full Port (in., mm)

NPS	Item Size (in.)	Pressure (WOG)	Dimension (in.)											Weight (lbs.)			
			A	SCxSC	B	SWxSC	SWxSW	SCxSC	C	SWxSC	D	ØE NPT	G	ØJ	H	SCxSC	SWxSC
DN15	1/2	ALL	0.50	3.98	4.49	5.00	3.43	3.29	3.29	5.71	1/2	0.85	0.86	0.39	3.09	3.53	3.75
DN20	3/4	ALL	0.75	4.33	5.55	6.73	4.17	3.57	3.57	5.71	3/4	1.20	1.07	0.51	5.73	5.73	6.17
DN25	1	ALL	1.00	5.98	6.06	6.73	3.91	3.91	3.91	6.77	1	1.46	1.33	0.51	9.92	9.70	10.36
DN32	1 1/4	ALL	1.50	6.26	7.44	8.54	5.84	5.84	5.84	10.83	1 1/4	1.99	1.68	0.51	21.89	24.24	25.13
DN40	1 1/2	ALL	1.50	6.26	7.44	8.54	5.84	5.84	5.84	10.83	1 1/2	1.99	1.92	0.51	21.64	24.02	24.68
DN50	2	ALL	2.00	9.69	8.07	9.88	7.44	7.44	7.44	11.89	2	2.52	2.41	0.63	37.91	40.77	46.95

NPS	Item Size (in.)	Pressure (WOG)	Dimension (mm)											Weight (kg)			
			A	SCxSC	B	SWxSC	SWxSW	SCxSC	C	SWxSC	D	ØE NPT	G	ØJ	H	SCxSC	SWxSC
DN15	1/2	ALL	12.7	101	114	127	83.6	83.6	83.6	145	1/2	21.5	21.8	10	1.40	1.6	1.7
DN20	3/4	ALL	19.0	110	141	171	90.8	90.8	90.8	145	3/4	30.5	27.2	13	2.60	2.6	2.8
DN25	1	ALL	25.4	137	154	171	99.3	99.3	99.3	172	1	37.0	33.9	13	4.50	4.4	4.7
DN32	1 1/4	ALL	38.1	159	189	217	148.3	148.3	148.3	275	1 1/4	50.5	42.7	13	9.93	11.0	11.4
DN40	1 1/2	ALL	38.1	159	189	217	148.3	148.3	148.3	275	1 1/2	50.5	48.8	13	9.82	10.9	11.2
DN50	2	ALL	50.8	159	205	251	189.0	189.0	189.0	302	2	64.0	61.2	16	17.20	18.5	21.3

Break Torques (in-lbs.)

Series P134/P234/P334, Delrin® Seats

NPS	Item Size (in.)	Pressure (psi)			
		0	2000	3000	4000
DN20	3/4	68	129	124	120
DN25	1	198	146	150	135
DN32	1 1/4	330	245	239	261
DN40	1 1/2	330	245	239	261
DN50	2	644	534	554	584
DN80	3	660	630	691	716

Series P135/P235/P335, Delrin® Seats

NPS	Item Size (in.)	Pressure (psi)			
		0	2000	3000	4000
DN15	1/2	68	129	124	120
DN20	3/4	198	146	150	135
DN25	1	330	245	239	261
DN32	1 1/4	644	534	554	584
DN40	1 1/2	644	534	554	584
DN50	2	660	630	691	716