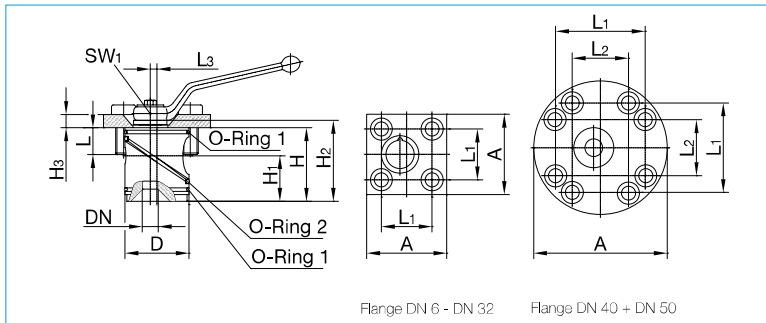


# Multi-way ball valves with floating ball

3-way · steel · for manifold insertion as cartridge type · DN 6 - DN 50



Handle and attachment screws included in delivery

For handles refer to "Attachments, accessories".

Application of pressure only as indicated in chapter "Technical information"

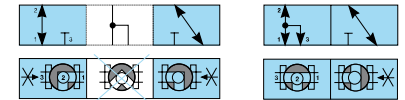
Actuators and custom orders on request

All dimensions subject to change without notice

Dimensions in mm

Weight in kg

Pressure in bar



Bore:	L	T
Cycling:	90°	90°
Body:	steel	steel
Ball:	steel, hard chrome plated	steel, hard chrome plated
Stern:	steel	steel
Body seals:	NBR	NBR
Ball seats:	POM	POM
Stern seals:	NBR	NBR

Connection	DN	D	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	SW <sub>1</sub>	A	Handle Code
Cavity	6	36	39,9	26,3	45,8	8	20	38	-	5,0	7	60	1
	10	45	50,9	32,5	55,8	10	20	50	-	5,0	8	80	2
	12	48	54,9	34,0	61,5	10	20	50	-	5,0	10	80	3
	16	54	58,9	36,0	64,5	10	20	60	-	5,5	10	90	3
	20	63	72,9	44,0	82,5	18	25	70	-	7,0	14	100	20
	25	70	78,9	47,0	89,0	18	25	70	-	7,0	14	100	20
	32	92	100,0	57,5	132,5	35	30	100	-	10,0	17	140	22
	40	107	116,0	66,0	150,5	35	30	134	84	10,0	17	200	22
	50	126	130,0	73,0	165,0	35	30	152	96	11,6	17	230	22

DN	O-Ring 1	O-Ring 2	Weight	Cylinder-head screws DIN EN ISO 4762 (DIN 912)	PN	Article-No.	PN	Article-No.
6	31,00 x 1,50	32,00 x 3,00	0,59	M10 x 25-12,9	500	107 031	500	107 041
10	40,00 x 2,00	42,00 x 3,00	1,15	M12 x 25-12,9	500	107 032	500	107 042
12	43,00 x 2,00	46,00 x 3,00	1,29	M12 x 25-12,9	400	107 033	400	107 043
16	49,00 x 2,00	53,57 x 3,53	1,59	M12 x 25-12,9	315	107 034	315	107 044
20	55,20 x 3,00	61,00 x 3,50	3,04	M16 x 35-12,9	315	107 035	315	107 045
25	63,00 x 3,00	67,00 x 4,00	3,31	M16 x 35-12,9	315	107 036	315	107 046
32	82,14 x 3,53	92,00 x 5,00	9,26	M20 x 50-12,9	315	107 037	315	107 047
40	98,02 x 3,53	108,00 x 6,00	14,77	M20 x 50-12,9	315	107 038	315	107 048
50	117,07 x 3,53	124,00 x 6,00	20,60	M20 x 50-12,9	315	107 039	315	107 049

DN	D	D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	T	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
	H <sub>9</sub>	max.		±0,2	±0,2	+0,1	+0,2	+0,1	min.
6	36	31	M10	38	-	40	38	13,6	22
10	45	39	M12	50	-	51	47	18,4	22
12	48	42	M12	50	-	55	50	20,9	22
16	54	47	M12	60	-	59	54	22,9	22
20	63	55	M16	70	-	73	69	28,9	28
25	70	62	M16	70	-	79	74	31,9	28
32	92	80	M20	100	-	100	96	42,5	33
40	107	95	M20	134	84	116	111	50,0	33
50	126	115	M20	152	96	130	125	57,0	33

General tolerances  
DIN ISO 2768  
Surfaces  
DIN EN ISO 4287

DN	Article-No. Mounting-tool
6	107 051
10	107 052
12	107 053
16	107 054
20	107 055
25	107 056
32	107 057
40	107 058
50	107 059

## Drilling pattern

