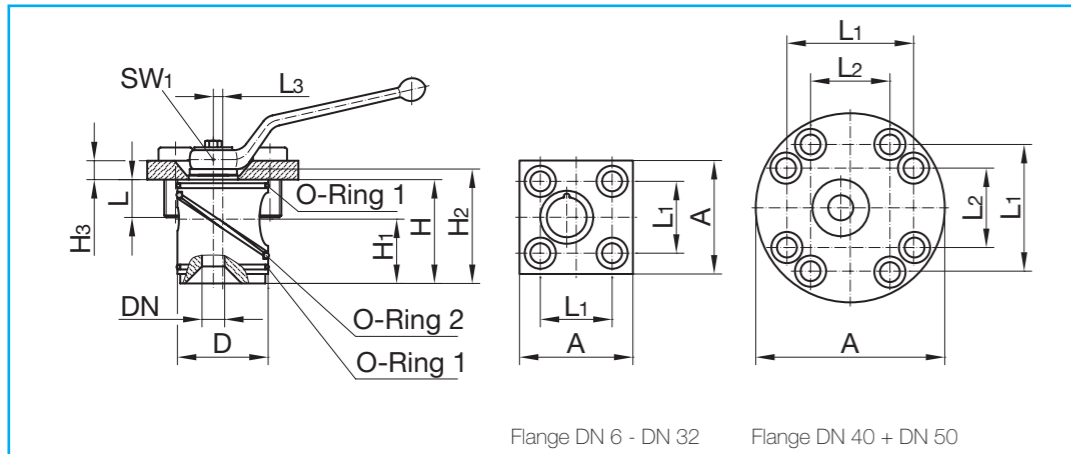


# Multi-way ball valves with floating ball

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"

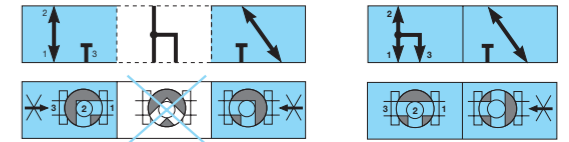
Actuators and custom orders on request

All dimensions subject to change without notice

Dimensions in mm

Weight in kg

Pressure in bar



Bore:	L	T
Cycling:	90°	90°
Body:	steel, black oxide	steel, black oxide
Ball:	steel, hard chrome plated	steel, hard chrome plated
Stem:	steel, zinc plated	steel, zinc plated
Body seals:	NBR	NBR
Ball seals:	POM	POM
Stem 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	DN	O-Ring 1	O-Ring 2	Weight	Cylinder-head screws DIN EN ISO 4762 (DIN 912)	PN	Article-No.	PN	Article-No.
Cavity	6	36	39,9	26,3	45,8	8	20	38	-	5,0	7	60	12	6	31,00 x 1,50	32,00 x 3,00	0,59	M10 x 25-8.8	500	107 031	500	107 041
	10	45	50,9	32,5	55,8	10	20	50	-	5,0	8	80	13	10	40,00 x 2,00	42,00 x 3,00	1,15	M12 x 25-8.8	500	107 032	500	107 042
	12	48	54,9	34,0	61,5	10	20	50	-	5,0	10	80	14	12	43,00 x 2,00	46,00 x 3,00	1,29	M12 x 25-8.8	400	107 033	400	107 043
	16	54	58,9	36,0	64,5	10	20	60	-	5,5	10	90	14	16	49,00 x 2,00	50,39 x 3,53	1,59	M12 x 25-8.8	315	107 034	315	107 044
	20	63	72,9	44,0	82,5	18	25	70	-	7,0	14	100	15	20	55,20 x 3,00	61,00 x 3,50	3,04	M16 x 35-8.8	315	107 035	315	107 045
	25	70	78,9	47,0	89,0	18	25	70	-	7,0	14	100	15	25	63,00 x 3,00	67,00 x 4,00	3,31	M16 x 35-8.8	315	107 036	315	107 046
	32	92	100,0	57,5	132,5	35	30	100	-	10,0	17	140	21	32	82,14 x 3,53	92,00 x 5,00	9,26	M20 x 50-8.8	315	107 037	315	107 047
	40	107	116,0	66,0	150,5	35	30	134	84	10,0	17	200	21	40	98,02 x 3,53	108,00 x 6,00	14,77	M20 x 50-8.8	315	107 038	315	107 048
	50	126	130,0	73,0	165,0	35	30	152	96	11,6	17	230	22	50	117,07 x 3,53	124,00 x 6,00	20,60	M20 x 50-8.8	315	107 039	315	107 049

General tolerances DIN ISO 2768 Surfaces DIN EN ISO 4287	DN	D H9	D <sub>1</sub> max.	D <sub>2</sub>	L <sub>1</sub> ±0,2	L <sub>2</sub> ±0,2	T +0,1	T <sub>1</sub> +0,2	T <sub>2</sub> +0,1	T <sub>3</sub> min.	Mounting-tool	
											DN	Article-No.
	6	36	31	M10	38	-	40	38	13,6	22	6	107 051
	10	45	39	M12	50	-	51	47	18,4	22	10	107 052
	12	48	42	M12	50	-	55	50	20,9	22	12	107 053
	16	54	47	M12	60	-	59	54	22,9	22	16	107 054
	20	63	55	M16	70	-	73	69	28,9	28	20	107 055
	25	70	62	M16	70	-	79	74	31,9	28	25	107 056
	32	92	80	M20	100	-	100	96	42,5	33	32	107 057
	40	107	95	M20	134	84	116	111	50,0	33	40	107 058
	50	126	115	M20	152	96	130	125	57,0	33	50	107 059

## Drilling pattern

