



BBS/FLL

BALL VALVE WITH FLANGES, LONG PATTERN

DN 10-100 | PN 6-63

FULL BORE

MATERIALS

	PN	DN	Type 1	Type 2
Body	6-16	10-25	Steel	Steel
		32-100	Grey cast iron	Grey cast iron
	25	10-25	Steel	Steel
		32-50	Grey cast iron	Grey cast iron
		65-100	Steel	Steel
	40	10-25	Steel	Steel
32-50		Ductile iron	Ductile iron	
65-100		Steel	Steel	
63	32-50	Steel	Steel	
Ball	6-40	10-50	Brass	Steel, hard chromed
		65-100	Grey cast iron, hard chromed	Grey cast iron, hard chromed
	63	32-50	Steel, hard chromed	Steel, hard chromed
Sealings	6-25	10-100	NBR	PTFE
			NBR	
	40	10-50	withStahlring	PTFE
65-100		NBR	PTFE	
63	32-50	Polyamid	PTFE	

INFORMATION

Ball Valve with flanges in Long pattern

/// Length face-to-face
DIN EN 558 FTF 1 / FTF 28

/// Flange dimensions DIN EN 1092-1,
Form B1 (up to PN40)
Form B2 (PN63+PN100/160)

/// The lever is included

OPTIONS

/// DIN-DVGW-Approval for Gas
(Not suitable for bodies of grey cast iron)

/// TÜV-type approval

/// Other shapes of flange sealing surfaces
on request

/// Special designs on request

	DN [mm]	PN [mm]	L [mm]	D [mm]	g [mm]	K [mm]	b [mm]	z [mm]	d [mm]	H [mm]	R [mm]	SW1 [mm]	Wght* [kg]	Order-Number	
														Type 1	Type 2
PN 6 Raised face	10	6	130	75	35	50	16	4	11	66	130	10	1,5	0141015	0141061
	15	6	130	80	40	55	16	4	11	68	130	10	1,8	0141016	0141062
	20	6	150	90	50	65	18	4	11	77	180	10	2,5	0141017	0141063
	25	6	160	100	60	75	18	4	11	82	180	12	3,3	0141018	0141064
	32	6	180	120	70	90	18	4	14	110	205	16	6,5	0141019	0141065
	40	6	200	130	80	100	18	4	14	115	205	16	6,8	0141020	0141066
PN 10-16 Raised face	50	6	230	140	90	110	20	4	14	125	205	16	9,5	0141021	0141067
	10	16	130	90	40	60	16	4	14	88	180	10	2,0	0141025	0141071
	15	16	130	95	45	65	16	4	14	90	180	10	2,2	0141026	0141072
	20	16	150	105	58	75	18	4	14	92	180	10	3,0	0141027	0141073
	25	16	160	115	68	85	18	4	14	95	180	12	3,5	0141028	0141074
	32	16	180	140	78	100	18	4	18	119	205	16	7,0	0141029	0141075
	40	16	200	150	88	110	18	4	18	125	205	16	7,5	0141030	0141076
	50	16	230	165	102	125	20	4	18	132	205	16	11,0	0141031	0141077
	65	16	290	185	122	145	20	4	18	155	300	16	18,5	0141032	0141078
	80	16	310	200	138	160	22	8	18	160	350	22	27,0	0141033	0141079
100	16	350	220	158	180	22	8	18	175	350	22	33,0	0141034	0141080	
PN 25 Raised face	10	25	130	90	40	60	16	4	14	88	180	10	2,0	0141035	0141081
	15	25	130	95	45	65	16	4	14	90	180	10	2,2	0141036	0141082
	20	25	150	105	58	75	18	4	14	92	180	10	3,0	0141037	0141083
	25	25	160	115	68	85	18	4	14	95	180	12	3,5	0141038	0141084
	32	25	180	140	78	100	18	4	18	119	205	16	7,0	0141039	0141085
	40	25	200	150	88	110	18	4	18	125	205	16	7,5	0141040	0141086
	50	25	230	165	102	125	20	4	18	132	205	16	11,0	0141041	0141087
	65	25	290	185	122	145	22	8	18	155	300	16	18,5	0141042	0141088
	80	25	310	200	138	160	24	8	18	160	350	22	27,0	0141043	0141089
	100	25	350	235	162	190	24	8	22	175	350	22	35,0	0141044	0141090
PN 40 Raised face	10	40	130	90	40	60	16	4	14	88	180	10	2,0	0141045	0141091
	15	40	130	95	45	65	16	4	14	90	180	10	2,2	0141046	0141092
	20	40	150	105	58	75	18	4	14	92	180	10	3,0	0141047	0141093
	25	40	160	115	68	85	18	4	14	95	180	12	3,5	0141048	0141094
	32	40	180	140	78	100	18	4	18	119	205	16	7,0	0141049	0141095
	40	40	200	150	88	110	18	4	18	125	205	16	7,5	0141050	0141096
	50	40	230	165	102	125	20	4	18	132	205	16	11,0	0141051	0141097
	65	40	290	185	122	145	22	8	18	155	300	16	18,5	0141052	0141098
	80	40	310	200	138	160	24	8	18	160	350	22	27,0	0141053	0141099
	100	40	350	235	162	190	24	8	22	175	500	22	35,0	0141054	0141100
PN 63 Raised face	32	63	180	155	78	110	24	4	22	119	205	16	9,5	0141055	0141101
	40	63	200	170	88	125	26	4	22	120	300	16	12,0	0141056	0141102
	50	63	230	180	102	130	26	4	22	130	300	16	14,5	0141057	0141103

* Weight refers to type 1. Weight of type 2 may differ.

