TTV DOUBLE FLANGED VALVE

Double Flanged

Double Flanged Butterfly Valve · DN40-1400

Double flanged butterfly valve for PN10/16 and ANSI 150 lbs pipework, built to ISO 5752 short series 13 face-to-face. Shown with gearbox and electric actuator.

- Face to face ISO 5752 short, series 13
- BS 5155 double flanged short · DIN 3202 F16
- ISO 5211 top flange
- PN10, PN16 and ANSI 150 drilling



40-1400 mm	PN10/16	ANSI 150	ISO 5211
NOMINAL SIZE (DN)	WORKING PRESSURE	FLANGE DRILLING	TOP FLANGE

Range overview.

SIZES & RATINGS

FIG. 1	FIG. 2	WEIGHT	DRILLING
DN40 – DN400	DN450 – DN1400	7.6 kg (DN40)	PN10 · PN16
1½" – 16"	18" – 56"	to 2700 kg (DN1400)	ANSI 150

FACE TO FACE
ISO 5752 short, series 13 · BS 5155 double flanged short · DIN 3202 F16

WORKING PRESSURE
PN10/16 – 150 lbs

FLANGE CONNECTION
PN10/16 – ANSI 150 lbs

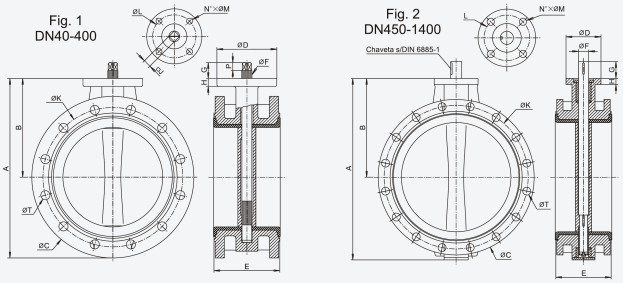
TOP FLANGE
ISO 5211

TECHNICAL DATA

Dimensions & standards.

Double Flanged DN40-1400 | PN10/16 & ANSI 150
Double flanged valve
Source: TTV datasheet.

DIMENSIONAL DRAWING



STANDARDS & RATINGS

Working pressure
PN10/16 – 150 lbs

Flange connection
PN10/16 – ANSI 150 lbs

Face to Face
ISO 5752 short, series 13
BS 5155 double flanged short
DIN 3202 F16

Top flange
ISO 5211

Dimensions.

DOUBLE FLANGED · DN40-1400

DN		A	B	C	D	E	F	G	H	J	L	N°×M	P	Weight Kg	PN10		PN16		ANSI150	
mm	inch														K	N°×T	K	N°×T	K	N°×T
40	1½"	215	140	150	88	106	10.5	30	24	8	70	4×9	17	7.6	110	4×19	110	4×19	98.5	4×16
50	2"	239	156	165	88	108	10.5	30	24	8	70	4×9	17	8	125	4×19	125	4×19	120.6	4×19
65	2½"	253	160	185	88	112	14.5	30	24	9	70	4×9	17	8.5	145	4×19	145	4×19	139.7	4×19
80	3"	268	168	200	88	114	16.5	30	24	11	70	4×9	17	10.5	160	8×19	160	8×19	152.4	4×19
100	4"	300	185	230	88	127	16.5	30	24	11	70	4×9	17	12	180	8×19	180	8×19	190.5	8×19
125	5"	335	207	255	105	140	18.5	30	24	14	70	4×9	17	16	210	8×19	210	8×19	215.9	8×23
150	6"	358	215	285	105	140	18.5	30	24	14	70	4×9	17	22	240	8×23	240	8×23	241.3	8×23
200	8"	425	256	337	105	152	22.5	30	24	17	70	4×9	17	30	295	8×23	295	12×23	298.5	8×23
250	10"	452	251	402	150	165	25.5	40	20	19	102	4×11	20	47	350	12×23	355	12×27	362	12×26
300	12"	523	280	485	150	178	30.5	40	20	22	102	4×11	20	62	400	12×23	410	12×27	431.8	12×26
350	14"	569	304	530	170	190	30.5	40	20	22	140	4×18	20	90	460	16×23	470	16×27	476.3	12×29
400	16"	643	340	606	170	216	35.5	40	20	27	140	4×18	20	123	515	16×27	525	16×30	539.8	16×29
450	18"	736	390	649	175	222	50	80	25	-	140	4×18	-	142	565	20×27	585	20×30	577.9	16×32
500	20"	825	440	710	175	229	50	80	25	-	140	4×18	-	190	620	20×27	650	20×33	635	20×32
600	24"	965	507	844	250	267	60	90	30	-	165	4×22	-	285	725	20×30	770	20×36	749.3	20×36
700	28"	1100	575	930	300	292	60	90	30	-	254	8×18	-	390	840	24×30	840	24×36	863	28×36
800	32"	1248	655	1080	300	318	65	110	30	-	254	8×18	-	480	950	24×33	950	24×39	978	28×41
900	36"	1325	685	1170	300	330	80	110	30	-	254	8×18	-	650	1050	28×33	1050	28×39	1086	32×41
1000	40"	1457	754	1300	300	410	80	110	30	-	254	8×18	-	920	1160	28×36	1170	28×42	1200	36×41
1200	48"	1721	873	1495	300	470	100	110	35	-	254	8×18	-	2000	1380	32×39	1390	32×48	1422	44×41
1400	56"	1990	1025	1755	350	530	120	120	35	-	298	8×22	-	2700	1590	36×42	1590	36×48	1651	48×48

Fig. 1 DN40–400 / Fig. 2 DN450–1400. Holes N° × T. Materials are not stated on this TTV sheet – ask Actuation Valve & Control for body, disc, shaft and seat options.

Data supplied by TTV and provided for reference only. Specifications may change without notice – please confirm details with Actuation Valve & Control before ordering.

Need this valve automated?
Talk to our UK team about gearboxes, actuators and complete actuated valve packages.
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