

# NRV 1010

Wafer double door check valve – DN 50-600



Wafer double door check valve for heating and cooling systems. Available in pressure class PN 16 and 25.

**TA-SC**

**Distributed by TA Hydraulics**



## Technical description

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**Applications:**

Heating and cooling systems.

**Function:**

Uni-directional flow.

**Dimensions:**

DN 50-600

**Pressure class:**

PN 16 and PN 25.

**Temperature:**

Max. working temperature: 120°C

Min. working temperature: -10°C

**Material:**

Body: Cast iron EN-JL1040 (PN 16), Ductile iron EN-GJS-500-7 (PN 25)

Disc: Stainless steel X5CrNi18-10+AT (EN 10088-2, BS 970 304S15)

Seat: EPDM

Hinge pin: Stainless steel X20Cr13+A (EN 10088-2, BS 970 420S37)

Stop pin: Stainless steel X20Cr13+A (EN 10088-2, BS 970 420S37)

Pin retainer: Stainless steel X5CrNi18-10+AT (EN 10088-2, BS 970 304S15)

Spring: Stainless steel X5CrNi18-10+AT (EN 10088-2, BS 970 304S15)

Washer: PTFE

Gasket: EPDM

**Surface treatment:**

Coated in Pantone 424 dark grey paint.

**Marking:**

TA-SC, CE, PN and DN.

**Flanges:**

One piece cast iron, suitable for use between flanges drilled in accordance with BS EN 1092-2, PN 10, PN 16, BS 10 Table D or E and ANSI 125.

**Face to face:**

According to ISO 5752.

**Approvals:**

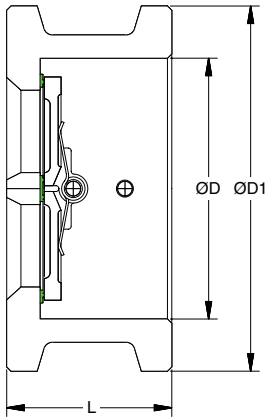
WRAS (PN 16 only)

# Installation

Suitable for installation in vertical and horizontal pipelines.

**NB:** When installed in vertical pipe the flow must be upwards.

# Articles



## PN 16

Article No	DN	D	D1	L	Kg	Kvs
77 101-050	50	66	106	54	1,8	54
77 101-065	65	78	126	54	2,4	89
77 101-080	80	90	141	57	3,2	150
77 101-090	100	115	161	64	4,8	310
77 101-091	125	141	191	70	7,3	510
77 101-092	150	170	217	76	10	730
77 101-093	200	210	272	95	14	1400
77 101-094	250	273	327	108	24	2100
77 101-095	300	324	382	143	38	3400
77 101-096	350	356	442	184	60	4000
77 101-097	400	406	494	191	77	5100
77 101-098	450	457	554	203	99	6700
77 101-099	500	508	616	213	115	8700
77 101-001	600	600	733	222	232	13000

## PN 25

Article No	DN	D	D1	L	Kg	Kvs
77 101-150	50	66	106	54	1,8	54
77 101-165	65	78	126	54	2,4	89
77 101-180	80	90	141	57	3,2	150
77 101-190	100	115	161	64	4,8	310
77 101-191	125	141	191	70	7,8	510
77 101-192	150	170	217	76	11	730
77 101-193	200	210	272	95	15	1400
77 101-194	250	273	327	108	25	2100
77 101-195	300	324	382	143	39	3400
77 101-196	350	356	442	184	62	4000
77 101-197	400	406	494	191	80	5100
77 101-198	450	457	554	203	102	6700
77 101-199	500	508	616	213	118	8700
77 101-101	600	600	733	222	235	13000

Kvs = m<sup>3</sup>/h at a pressure drop of 1 bar and fully open valve.

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6-10-10 NRV 1010 03.2011

