



Legende

- A Außendurchmesser
- B Innendurchmesser
- C Gesamtlänge
- D größter Außendurchmesser

Abmessungen

- DIN 11866-A (DIN 11850)
- DIN 11866-B (EN ISO 1127)
- DIN 11866-C (ASME BPE)

Normative Verweisungen, Anforderungen / Abnahmen (Vormaterial)

- BN2 (gültig für Bauteile in 1.4435)
- EN 10088-1/-3
- EN 10204
- EN 10272
- ASTM A182/A182M / ASME SA182/SA182M
- ASTM A276
- ASTM A479/A479M / ASME SA479/SA479M
- AD 2000-W2
- Dichtungen:
Zulassungen/Konformitäten wie auf Seite 73, bzw. 75 beschrieben

Kennzeichnung

Hersteller, Werkstoff, Abmessung, Schmelze

Toleranzen (Bezugsnorm)

ISO 2768-1

Verpackung

Anschlüsse mit Kunststoffkappen verschlossen, einzeln verpackt.

Werkstoffe

- 1.4435 (mediumberührt)
- 1.4401 (Feder)
- EPDM oder FKM/FEP ummantelt
- 1.4301/08 (nicht mediumberührt)

weitere Werkstoffe auf Anfrage

Oberflächenbeschaffenheit

- innen: feinstgedreht, Ra < 0.8 µm
- außen: feingedreht, Ra < 1.6 µm

Key

- external diameter
- internal diameter
- total length
- biggest external diameter

Dimensions

- DIN 11866-A (DIN 11850)
- DIN 11866-B (EN ISO 1127)
- DIN 11866-C (ASME BPE)

Normative References, Requirements / Approvals (raw material)

- BN2 (valid for components in 1.4435)
- EN 10088-1/-3
- EN 10204
- EN 10272
- ASTM A182/A182M / ASME SA182/SA182M
- ASTM A276
- ASTM A479/A479M / ASME SA479/SA479M
- AD 2000-W2
- Gaskets:
approvals/conformities as described on page 73, 75 resp.

Marking

manufacturer, material, dimension, heat

Tolerances (reference standard)

ISO 2768-1

Packaging

Connecting ends covered with plastic caps, wrapped separately.

Materials

- 316L (at medium contact surface)
- 316L (spring)
- EPDM or FKM/FEP encapsulated
- 304 (not at medium contact surface)

further materials on request

Surface condition

- inside: ultra-fine turned, Ra < 0.8 µm
- outside: refined turned, Ra < 1.6 µm

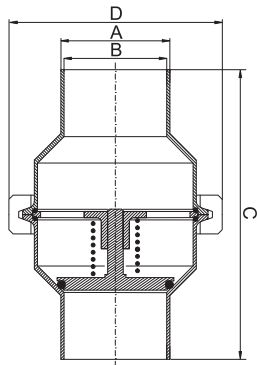


Oberflächenqualitäten | surface qualities

Innenoberfläche internal surface finish	(Zusatz-) Artikel-Nr. (additional) order No
e-polier e-polished	999277
Ra < 0.6 µm (STERI-line®)	999279
Ra < 0.5 µm (STERI-line®)	999280
Ra < 0.4 µm (HQ-line®)	999281
Ra < 0.25 µm (HQ-line®)	999283

Bestellbeispiel | ordering example

Artikelbezeichnung + Ausführungen article description + variants	Artikel-Nr. order No
Tellerrückschlagventil S-S DN025 ISO (1.4435, EPDM) check valve System KST	703774
e-polier e-polished	+ 999277
Ra < 0.6 µm	+ 999279



weitere Abmessungen auf Anfrage | further dimensions on request

DIN	Abmessung dimension	A	B	C	D	S-S EPDM	S-S FKM/FEP *	TC-TC AØ OD	TC-TC EPDM	TC-TC FKM/FEP *
DN010	12.0 x 1.0	12.0	10.0	132.4	57.0	701604	712051	25.0	708047	712061
DN010	13.0 x 1.5	13.0	10.0	134.0	57.0	712050	712052	34.0	701612	712062
DN015	19.0 x 1.5	19.0	16.0	127.0	57.0	708621	712053	34.0	701613	712063
DN020	23.0 x 1.5	23.0	20.0	110.0	57.0	701606	712054	34.0	701614	712064
DN025	29.0 x 1.5	29.0	26.0	126.0	89.0	701607	712055	50.5	701615	712065
DN032	35.0 x 1.5	35.0	32.0	120.0	89.0	701608	712056	50.5	701616	712066
DN040	41.0 x 1.5	41.0	38.0	187.0	118.0	701609	708485	50.5	701617	712067
DN050	53.0 x 1.5	53.0	50.0	175.0	118.0	701610	712057	64.0	701618	712068
DN065	70.0 x 2.0	70.0	66.0	176.0	127.0	701611	712058	91.0	701619	712069
DN080	85.0 x 2.0	85.0	81.0	190.0	158.0	705049	712059	106.0	705051	712070
DN100	104.0 x 2.0	104.0	100.0	200.0	197.0	705050	712060	119.0	705052	712071

ISO	Abmessung dimension	A	B	C	D	S-S EPDM	S-S FKM/FEP *	TC-TC AØ OD	TC-TC EPDM	TC-TC FKM/FEP *
DN008	13.5 x 1.6	13.5	10.3	132.4	57.0	704623	712074	25.0	709153	712085
DN010	17.2 x 1.6	17.2	14.0	132.4	57.0	704607	712075	25.0	712072	712086
DN015	21.3 x 1.6	21.3	18.1	125.0	57.0	702497	712076	50.5	708901	712087
DN020	26.9 x 1.6	26.9	23.7	109.0	89.0	703773	712077	50.5	703915	712088
DN025	33.7 x 2.0	33.7	29.7	126.0	89.0	703774	712078	50.5	704173	712089
DN032	42.4 x 2.0	42.4	38.4	120.0	118.0	704622	712079	64.0	712073	712090
DN040	48.3 x 2.0	48.3	44.3	198.0	118.0	703772	712080	64.0	704172	712091
DN050	60.3 x 2.0	60.3	56.3	175.0	118.0	704621	712081	77.5	704627	712092
DN065	76.1 x 2.0	76.1	72.1	184.0	127.0	705492	712082	91.0	704628	712093
DN080	88.9 x 2.3	88.9	84.3	190.0	158.0	705493	712083	106.0	705600	712094
DN100	114.3 x 2.3	114.3	109.7	200.0	197.0	705494	712084	130.0	705601	712095

ASME BPE	Abmessung dimension	A	B	C	D	S-S EPDM	S-S FKM/FEP *	TC-TC AØ OD	TC-TC EPDM	TC-TC FKM/FEP *
DN 1/2"	12.7 x 1.65	12.7	9.4	132.4	57.0	706020	712096	25.0	706028	712104
DN 3/4"	19.05 x 1.65	19.05	15.75	127.0	57.0	706021	712097	25.0	706029	712105
DN 1"	25.4 x 1.65	25.4	22.1	126.0	89.0	706022	712098	50.5	706030	712106
DN 1 1/2"	38.1 x 1.65	38.1	34.8	191.0	89.0	706023	712099	50.5	706031	712107
DN 2"	50.8 x 1.65	50.8	47.5	178.0	118.0	706024	712100	64.0	706032	712108
DN 2 1/2"	63.5 x 1.65	63.5	60.2	175.0	118.0	706025	712101	77.5	706033	712109
DN 3"	76.2 x 1.65	76.2	72.9	158.0	127.0	706026	712102	91.0	706034	712110
DN 4"	101.6 x 2.11	101.6	97.38	200.0	197.0	706027	712103	119.0	706035	712111

*) ummantelt | encapsulated

S-S beidseitig Orbitalschweißenden | orbital welding ends on both sides

TC-TC beidseitig Clampstutzen | TC connection on both sides

- horizontaler oder vertikaler Einbau möglich
- Öffnungsdruck ab 0.25 bar
- weitere Anschlußvarianten auf Anfrage

- horizontal or vertical installation possible
- cracking pressure from 0.25 bar on
- further connecting variants on request





7.3.1 Ersatzteilliste für Tellerrückschlagventil

spare part list for check valve



weitere Abmessungen auf Anfrage | further dimensions on request

DIN	Abmessung dimension	Dichtungssatz gasket set		Druckfeder pressure spring	
		EPDM	FKM/FEP *	1.4401	
DN010	12.0 x 1.0	706057	706376	708080	
DN010	13.0 x 1.5	706057	706376	708080	
DN015	19.0 x 1.5	706058	706377	708080	
DN020	23.0 x 1.5	706059	706378	708080	
DN025	29.0 x 1.5	706060	706379	708081	
DN032	35.0 x 1.5	706061	706380	708081	
DN040	41.0 x 1.5	706062	706381	708082	
DN050	53.0 x 1.5	706063	706382	708082	
DN065	70.0 x 2.0	706064	706383	708083	
DN080	85.0 x 2.0	706065	706384	708084	
DN100	104.0 x 2.0	706375	706385	708084	

ISO	Abmessung dimension	Dichtungssatz gasket set		Druckfeder pressure spring	
		EPDM	FKM/FEP *	1.4401	
DN008	13.5 x 1.6	706386	706387	708080	
DN010	17.2 x 1.6	706388	706389	708080	
DN015	21.3 x 1.6	706390	706391	708080	
DN020	26.9 x 1.6	706392	706393	708081	
DN025	33.7 x 2.0	706394	706395	708081	
DN032	42.4 x 2.0	706396	706397	708082	
DN040	48.3 x 2.0	706398	706399	708082	
DN050	60.3 x 2.0	706400	706401	708083	
DN065	76.1 x 2.0	706402	706403	708083	
DN080	88.9 x 2.3	706404	706405	708084	
DN100	114.3 x 2.3	706406	706407	708084	

ASME BPE	Abmessung dimension	Dichtungssatz gasket set		Druckfeder pressure spring	
		EPDM	FKM/FEP *	1.4401	
DN ½"	12.7 x 1.65	706408	706409	708080	
DN ¾"	19.05 x 1.65	706410	706411	708080	
DN 1"	25.4 x 1.65	706412	706413	708081	
DN 1½"	38.1 x 1.65	706414	706415	708082	
DN 2"	50.8 x 1.65	706416	706417	708082	
DN 2½"	63.5 x 1.65	706418	706419	708083	
DN 3"	76.2 x 1.65	706420	706421	708083	
DN 4"	101.6 x 2.11	706422	706423	708084	

*) ummantelt | encapsulated