Legende

A Außendurchmesser
B Innendurchmesser
C Gesamtlänge
D Flansch-Außendurchmesser
LK Lochkreis

Key

external diameter
internal diameter
total length
outer flange diameter
bolt circle

Abmessungen

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

Dimensions

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

Normative Verweisungen, Anforderungen / Abnahmen (Vormaterial)

DIN 11864
BN2 (gültig für Bauteile in 1.4435)
EN 10088-1/-3
EN 10204
EN 10222-5 (Rohlinge)
EN 10254 (Rohlinge)
EN 10272
ASTM A276
ASTM A182/A182M / ASME SA182/SA182M
ASTM A479/A479M / ASME SA479/SA479M
ASME SA336 (Rohlinge)
AD 2000-W2

Normative References, Requirements / Approvals (raw material)

DIN 11864
BN2 (valid for components in 1.4435)
EN 10088-1/-3
EN 10204
EN 10222-5 (forgings)
EN 10254 (forgings)
EN 10272
ASTM A276
ASTM A182/A182M / ASME SA182/SA182M
ASTM A479/A479M / ASME SA479/SA479M
ASME SA336 (forgings)
AD 2000-W2

Kennzeichnung

Hersteller, Werkstoff, Abmessung, Schmelze, DIN 11864

Marking

manufacturer, material, dimension, heat, DIN 11864

Toleranzen (Bezugsnorm)

DIN 11864 / ISO 2768-1

Tolerances (reference standard)

DIN 11864 / ISO 2768-1

Verpackung

Schweißenden mit Kunststoffkappen verschlossen, einzeln verpackt.

Packaging

Welding ends covered with plastic caps, wrapped separately.

Werkstoffe

1.4435 / 1.4404 (mediumberührt)
1.4301/07 (nicht mediumberührt)
EPDM (Standard)

weitere Werkstoffe auf Anfrage

Materials

316L (at medium contact surface)
304 (not at medium contact surface)
EPDM (standard)

further materials on request

Oberflächenbeschaffenheit ("MB")

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

Surface condition ("MB")

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
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
Steril-Flanschverbindung DN025 ISO (1.4435, EPDM) aseptic flange connection **DIN 11864-2-A**	**707520**
e-poliert | e-polished	
Ra < 0.25 µm	**+ 999283**

Zubehör ab Seite 75 | accessories from page 75 on

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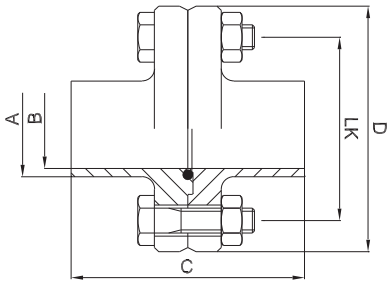

weitere Abmessungen auf Anfrage | further dimensions on request

DIN	Abmessung dimension	A	B	C	D	LK	MB 1.4435	e-pol. 1.4435	MB 1.4404	e-pol. 1.4404
DN010	13.0 x 1.5	13.0	10.0	80.0	54.0	37.0	703321	710102	705253	710121
DN015	19.0 x 1.5	19.0	16.0	80.0	59.0	42.0	703323	710103	705084	710122
DN020	23.0 x 1.5	23.0	20.0	80.0	64.0	47.0	703324	710104	705255	710123
DN025	29.0 x 1.5	29.0	26.0	80.0	70.0	53.0	703325	710105	703140	710124
DN032	35.0 x 1.5	35.0	32.0	90.0	76.0	59.0	703326	710106	705256	710125
DN040	41.0 x 1.5	41.0	38.0	90.0	82.0	65.0	703327	710107	703141	710126
DN050	53.0 x 1.5	53.0	50.0	90.0	94.0	77.0	703328	709069	704619	710127
DN065	70.0 x 2.0	70.0	66.0	108.0	113.0	95.0	703329	710108	705257	710128
DN080	85.0 x 2.0	85.0	81.0	116.0	133.0	112.0	703330	710109	704549	710129
DN100	104.0 x 2.0	104.0	100.0	116.0	159.0	137.0	703331	710110	705258	710130
DN125	129.0 x 2.0	129.0	125.0	120.0	183.0	161.0	703332	710111	704603	710131
DN150	154.0 x 2.0	154.0	150.0	120.0	213.0	188.0	703333	710112	704604	710132
DN200*	204.0 x 2.0	204.0	200.0	118.5	340.0	295.0	710099	710113	710116	710133
DN250*	254.0 x 2.0	254.0	250.0	134.5	405.0	355.0	710100	710114	710117	710134
DN300*	304.0 x 2.0	304.0	300.0	150.5	460.0	410.0	710101	710115	710118	710135

ISO	Abmessung dimension	A	B	C	D	LK	MB 1.4435	e-pol. 1.4435	MB 1.4404	e-pol. 1.4404
DN008	13.5 x 1.6	13.5	10.3	80.0	54.0	37.0	703886	707516	707346	707527
DN010	17.2 x 1.6	17.2	14.0	80.0	59.0	42.0	704098	707517	707348	707528
DN015	21.3 x 1.6	21.3	18.1	80.0	62.0	45.0	703334	707518	705259	707529
DN020	26.9 x 1.6	26.9	23.7	80.0	69.0	52.0	703335	707519	705260	707530
DN025	33.7 x 2.0	33.7	29.7	90.0	74.0	57.0	703336	707520	705261	707531
DN032	42.4 x 2.0	42.4	38.4	90.0	82.0	65.0	703337	707521	705262	707532
DN040	48.3 x 2.0	48.3	44.3	90.0	88.0	71.0	703338	707522	705263	707533
DN050	60.3 x 2.0	60.3	56.3	108.0	103.0	85.0	703339	707523	705264	707534
DN065	76.1 x 2.0	76.1	72.1	112.0	125.0	104.0	703340	707524	705265	707535
DN080	88.9 x 2.3	88.9	84.3	120.0	137.0	116.0	703341	707525	705266	707536
DN100	114.3 x 2.3	114.3	109.7	120.0	168.0	146.0	703342	707526	705267	707537
DN125*	139.7 x 2.6	139.7	134.5	104.5	250.0	210.0	708810	710143	710148	710152
DN150*	168.3 x 2.6	168.3	163.1	104.5	285.0	240.0	710139	710144	709149	710153
DN200*	219.1 x 2.6	219.1	213.9	118.5	340.0	295.0	710140	710145	710149	710154
DN250*	273.0 x 3.0	273.0	267.0	132.5	405.0	355.0	710141	710146	710150	710155
DN300*	323.9 x 3.0	323.9	317.9	148.5	460.0	410.0	710142	710147	710151	710156

ASME BPE	Abmessung dimension	A	B	C	D	LK	MB 1.4435	e-pol. 1.4435	MB 1.4404	e-pol. 1.4404
DN ½"	12.7 x 1.65	12.7	9.4	80.0	54.0	37.0	704637	710157	709774	710165
DN ¾"	19.05 x 1.65	19.05	15.75	80.0	59.0	42.0	704636	710158	709775	710166
DN 1"	25.4 x 1.65	25.4	22.1	80.0	66.0	49.0	703343	710159	705268	710167
DN 1½"	38.1 x 1.65	38.1	34.8	90.0	79.0	62.0	703344	710160	705269	710168
DN 2"	50.8 x 1.65	50.8	47.5	90.0	92.0	75.0	703345	710161	705270	710169
DN 2½"	63.5 x 1.65	63.5	60.2	108.0	107.0	89.0	703346	710162	705271	710170
DN 3"	76.2 x 1.65	76.2	72.9	112.0	125.0	104.0	703347	710163	705272	710171
DN 4"	101.6 x 2.11	101.6	97.38	116.0	157.0	135.0	703348	710164	705273	710172

*) nicht in der DIN-Norm enthalten | non-standard

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