



Double seal valves

RIEGER

page

- 3  Technical informations

- 4  Dimensions

- 8  Prices

INDEX



Double seal valves

RIEGER



Double seal valves

RIEGER

RIEGER-double seal valves are used for reliable separation of product from cleaning agent in pipings. The leakage space is situated between the separating gaskets. The leakage fluid is drained off through two leakage valves. The design of the one-part solid and dead leg free valve body guarantees optimal CIP/CIP-cleaning possibilities.

These valves are applied in plants of breweries, dairies, food and pharmaceutical industries.

Your advantages

Design	one-part solid valve body no dead space safe CIP/SIP-cleaning
Absolute product safety	radial sealing of valve disk safe separation of products leakage is safely drained-off
Serviceable maintenance	change of seals without special tools service without danger as spring is in a cage service possible without compressed air valve insert completely removable upwards
Efficiency	standard-O-rings few seals low spare part costs

Technical Data

Material	in product contact	1.4404/AISI316L
	optional	1.4435/AISI316L
	non product contact	1.4301/AISI304
Seals	O-rings	EPDM (FDA)
Temperatures maximum	operating-temperature	130 °C
	sterilisation temperature	150 °C* short-time (ca. 20 min)
Operating pressure	closing pressure	max. 6 bar
	actuator air pressure	min 6 bar - max. 10 bar
Surfaces	In product contact	Ra <= 0,8 µm
	optional	e-polished, other surfaces on request
	non product contact	Ra <=1,6 µm
Connections Standard-pipes	DIN 11850-R2 (DIN 11866 A)	
	O.D.-Tube (DIN 11866 C)	



*dependent upon operating conditions

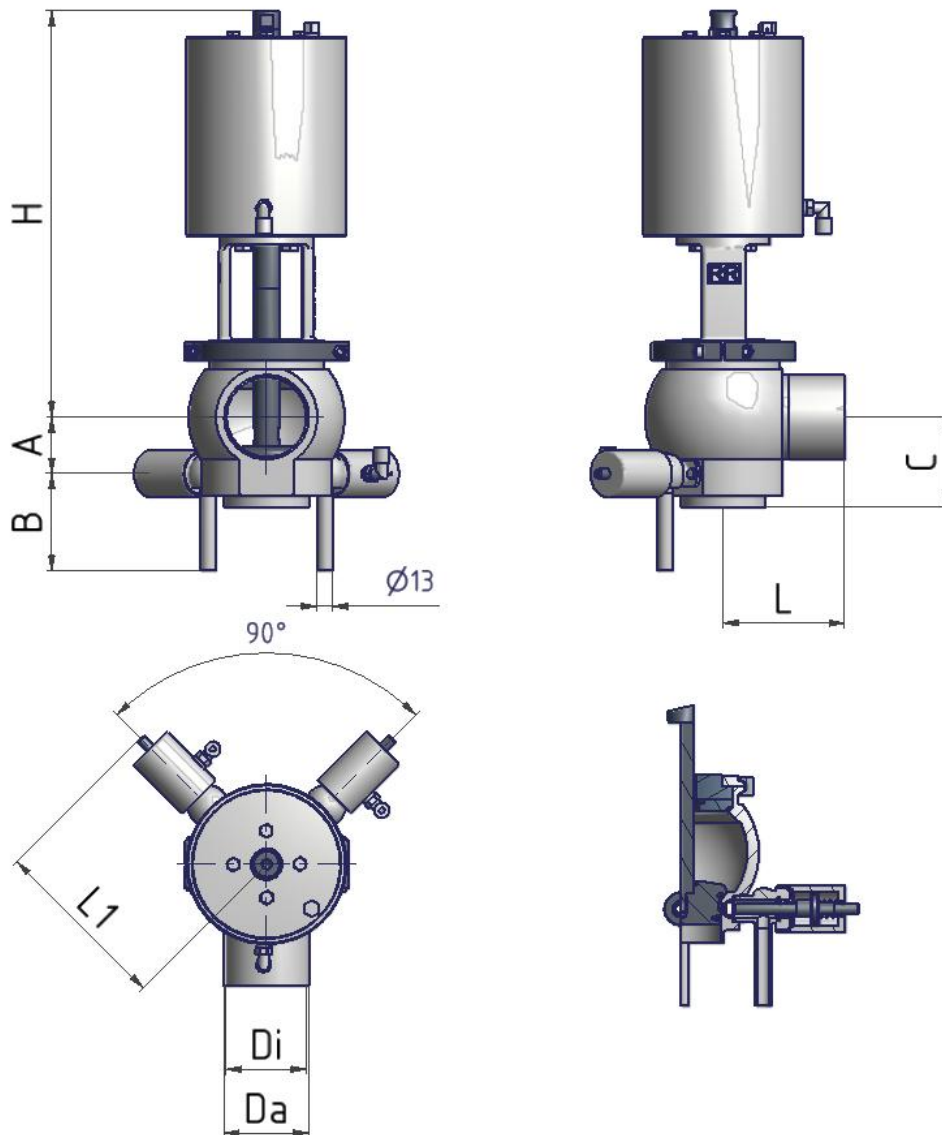


Double seal valves

RIEGER

DD31.01

pneumatic – air to open - spring to close – with straight CIP-tubes





Double seal valves

RIEGER

DD31.01

pneumatic – air to open - spring to close – with straight CIP-tubes

DN	Da	Di	A	B	C
40	41	38	36	80	64
50	53	50	40	80	64
65	70	66	46,5	80	74,3
80	85	81	55,5	80	83,3
100	104	100	63	80	91

DN	D	H	L	I	L1	Hub
40	63	260	70	137,5	140	30
50	75	300	80	138,5	141	30
65	83	335	100	146,5	149	30
80	94,5	412	125	154,5	157	49
100	107	422	150	163,5	166	49

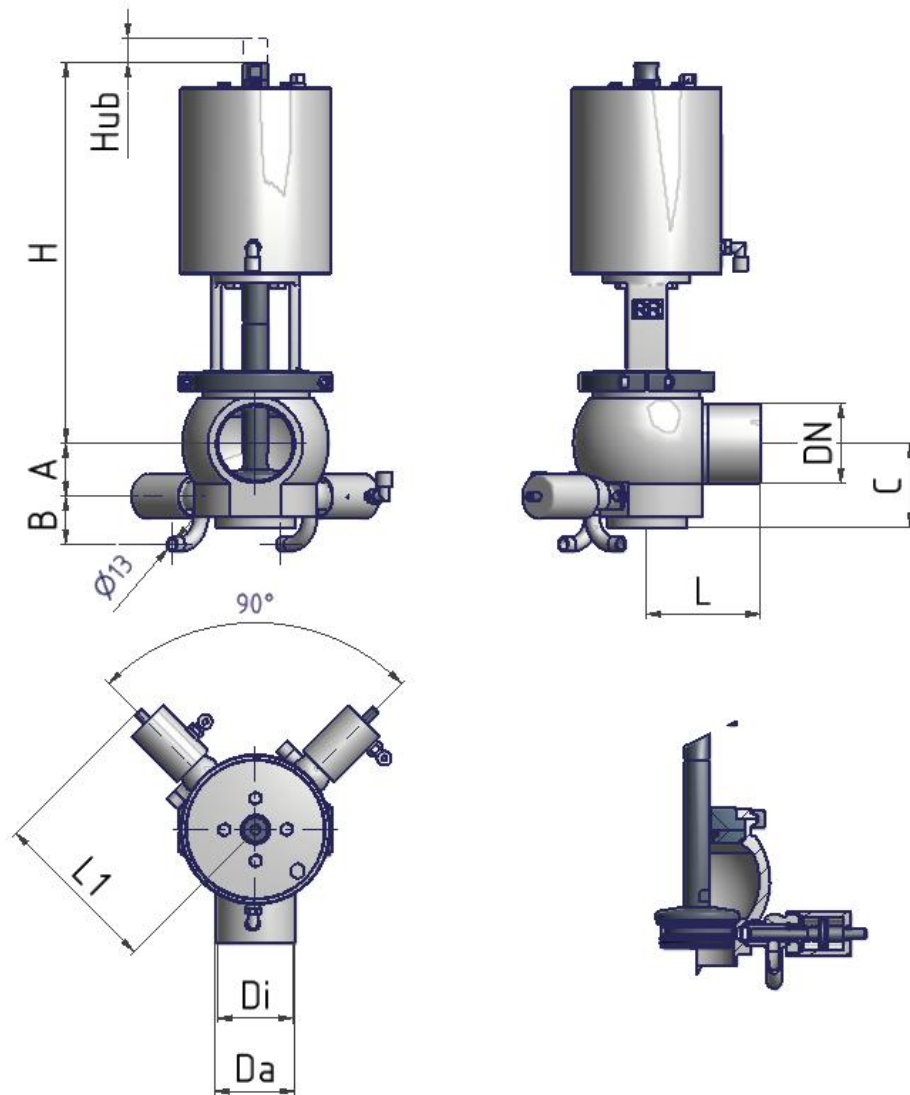


Double seal valves

RIEGER

DD31.01.200

pneumatic – air to open – spring to close – with curved CIP-tubes





Double seal valves

RIEGER

DD31.01.200

pneumatic – air to open – spring to close – with curved CIP-tubes

DN	Da	Di	A	B	C
40	41	38	36	43	64
50	53	50	40	43	64
65	70	66	46,5	43	74,3
80	85	81	55,5	43	83,3
100	104	100	63	43	91

DN	D	H	L	I	L1	Hub
40	63	260	70	137,5	140	30
50	75	300	80	138,5	141	30
65	83	335	100	146,5	149	30
80	94,5	412	125	154,5	157	49
100	107	422	150	163,5	166	49



Double seal valves

RIEGER

Double seal valves DD31.01.100

2 CIP-valves:
1 x air to open-spring to close
1 x air to close-spring to open

1 CIP-valve:
1 x air to close-spring to open

DN	reference number	price	reference number	price
40	20010.0500.01.0006.32	1558 €	20010.0200.01.0006.32	1483 €
50	20010.0500.01.0007.32	1585 €	20010.0200.01.0007.32	1510 €
65	20010.0500.01.0008.32	1851 €	20010.0200.01.0008.32	1776 €
80	20010.0500.01.0009.32	2172 €	20010.0200.01.0009.32	2097 €
100	20010.0500.01.0010.32	2476 €	20010.0200.01.0010.32	2401 €

with straight CIP-tubes

CIP-valves in 45 °-position

Double seal valves DD31.01.200

2 CIP-valves:
1 x air to open-spring to close
1 x air to close-spring to open

1 CIP-valve:
1 x air to close-spring to open

DN	reference number	price	reference number	price
40	20110.0500.01.0006.32	1558 €	20110.0200.01.0006.32	1483 €
50	20110.0500.01.0007.32	1585 €	20110.0200.01.0007.32	1510 €
65	20110.0500.01.0008.32	1851 €	20110.0200.01.0008.32	1776 €
80	20110.0500.01.0009.32	2172 €	20110.0200.01.0009.32	2097 €
100	20110.0500.01.0010.32	2476 €	20110.0200.01.0010.32	2401 €

with curved CIP-tubes

CIP-valves in 45 °-position



Double seal valves

RIEGER

Double seal double angle valves DD31.11.100

2 CIP-valves:
1 x air to open-spring to close
1 x air to close-spring to open

1 CIP-valve:
1 x air to close-spring to open

DN	reference number	price	reference number	price
40	20010.0501.01.0006.32	1595 €	20010.0201.01.0006.32	1520 €
50	20010.0501.01.0007.32	1622 €	20010.0201.01.0007.32	1547 €
65	20010.0501.01.0008.32	1893 €	20010.0201.01.0008.32	1818 €
80	20010.0501.01.0009.32	2250 €	20010.0201.01.0009.32	2175 €
100	20010.0501.01.0010.32	2541 €	20010.0201.01.0010.32	2466 €

with straight CIP-tubes

CIP-valves in 45 °-position

Double seal double angle valves DD31.11.200

2 CIP-valves:
1 x air to open-spring to close
1 x air to close-spring to open

1 CIP-valve:
1 x air to close-spring to open

DN	reference number	price	reference number	price
40	20110.0501.01.0006.32	1595 €	20110.0201.01.0006.32	1520 €
50	20110.0501.01.0007.32	1622 €	20110.0201.01.0007.32	1547 €
65	20110.0501.01.0008.32	1893 €	20110.0201.01.0008.32	1818 €
80	20110.0501.01.0009.32	2250 €	20110.0201.01.0009.32	2175 €
100	20110.0501.01.0010.32	2541 €	20110.0201.01.0010.32	2466 €

with curved CIP-tubes

CIP-valves in 45 °-position