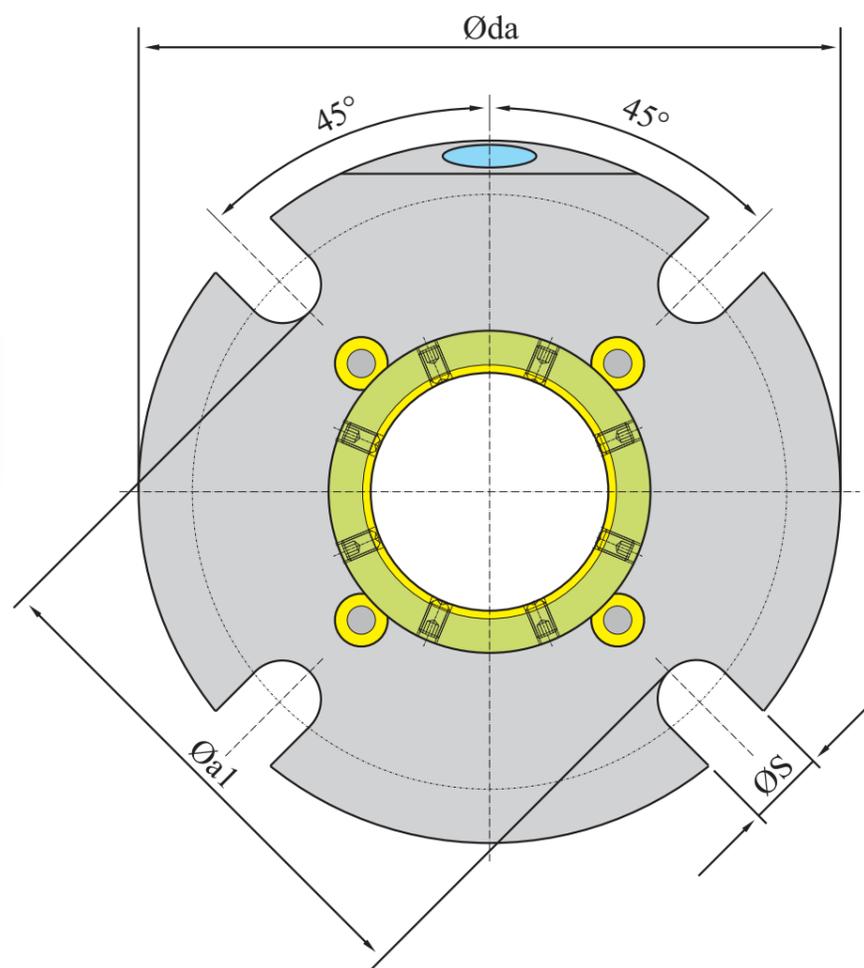


CARTSEAL 16D.1

Single cartridge seal with machined cover



CARTSEAL 16D

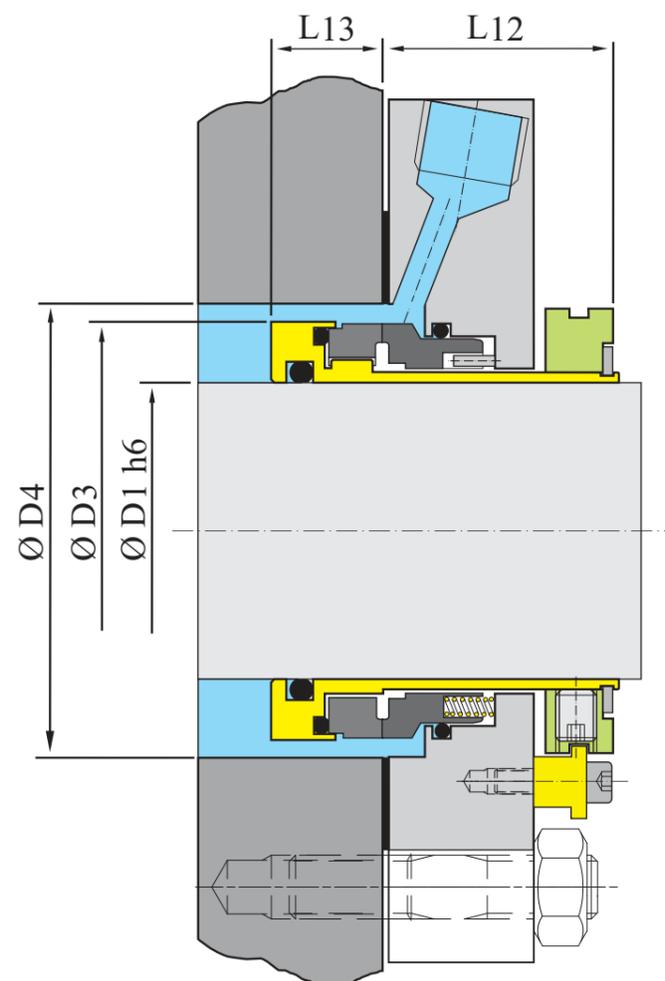
Single cartridge seal dimension table (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3	L12	L13	L16	L17	Øa1	Øda	E	ØS
25	41.9	44.0	51.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
28	44.4	47.0	52.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
30	47.0	49.0	54.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	65.0	105.0	16.0	13.2
32	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
33	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
35	55.5	56.5	61.5	54.0	38.7	15.3	30.5	23.4	48.7	23.4	70.0	113.0	16.0	13.2
38	56.0	57.0	66.0	54.0	38.7	15.4	30.6	23.3	48.7	23.3	75.0	123.0	16.0	13.2
40	58.0	59.0	68.0	56.0	39.3	16.7	30.6	25.3	49.3	25.3	75.0	123.0	16.0	14.2
42	60.5	61.5	69.5	58.0	39.3	18.7	30.6	27.3	49.3	27.3	80.0	133.0	16.0	14.2
43	60.5	61.5	70.5	56.0	39.3	16.7	30.6	25.3	49.3	25.3	80.0	133.0	16.0	14.2
45	62.5	64.0	73.0	56.8	39.8	17.0	31.4	25.3	49.8	25.3	81.0	138.0	16.0	14.2
48	67.0	68.0	75.0	57.7	39.7	18.0	31.2	26.5	49.7	26.5	84.0	138.0	16.0	14.2
50	68.5	69.0	78.0	57.7	39.7	18.0	31.1	26.5	49.7	26.5	87.0	148.0	16.0	14.2
53	72.0	73.0	87.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	97.0	148.0	18.0	18.0
55	74.0	75.0	83.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	90.0	148.0	18.0	18.0
60	79.5	80.5	91.0	59.7	40.2	19.5	31.1	28.5	50.2	28.5	102.0	157.0	18.0	18.0
65	84.4	85.7	98.5	59.7	40.2	19.5	31.1	28.5	50.2	28.5	109.0	163.0	18.0	18.0
70	93.0	95.0	108.0	59.7	40.2	19.5	31.1	28.6	50.2	28.6	118.0	178.0	18.0	18.0
75	98.0	101.6	118.0	61.5	41.5	20.0	32.5	28.6	51.5	28.6	129.0	190.0	18.0	18.0
80	104.0	108.0	124.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	135.0	195.0	18.0	18.0
85	109.0	111.1	128.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	139.0	198.0	22.0	22.0
90	114.0	117.5	135.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	145.0	205.0	22.0	22.0
95	119.0	120.7	138.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	148.0	208.0	22.0	22.0
100	124.0	127.0	144.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	154.0	218.0	22.0	22.0

In the table above are dimensions of the most commonly used cartridge mechanical seals. "Vrska Press" company also produces cartridge mechanical seals for shaft above Ø100mm. That dimensions are not included in the above. For precise information about those cartridges contact "Vrska Press" company or your supplier.

CARTSEAL 16D.1.1

Single cartridge seal with flushing



16D.1.1.1-Flushing connection G 1/8"

16D.1.1.2-Flushing connection G 1/4"

16D.1.1.3-Flushing connection G 3/8"

CARTSEAL 16D

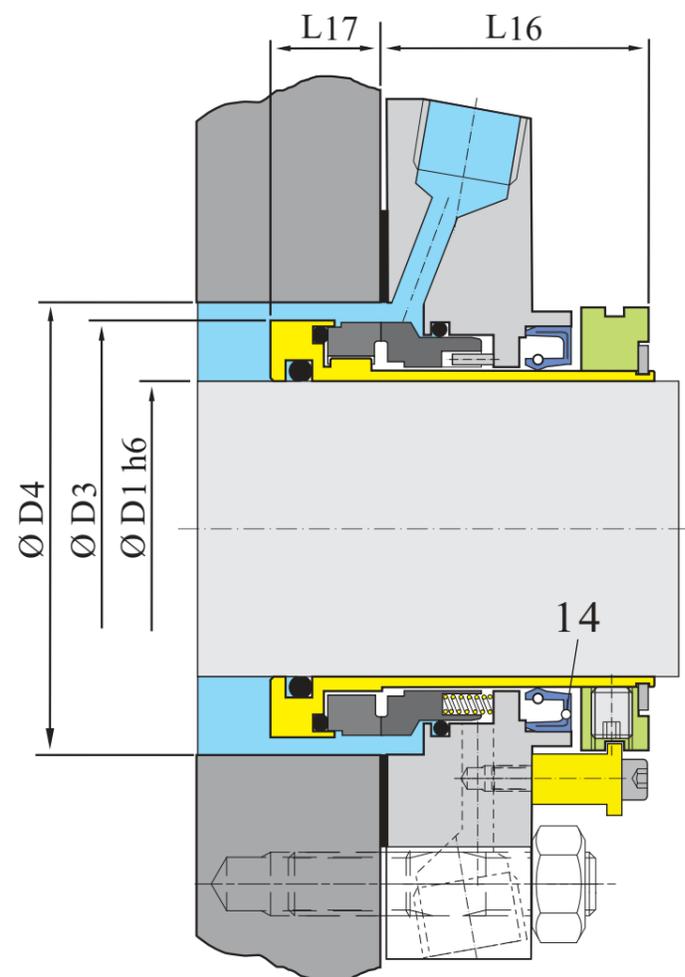
Single cartridge seal dimension table (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3	L12	L13	L16	L17	Øa1	Øda	E	ØS
25	41.9	44.0	51.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
28	44.4	47.0	52.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
30	47.0	49.0	54.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	65.0	105.0	16.0	13.2
32	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
33	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
35	55.5	56.5	61.5	54.0	38.7	15.3	30.5	23.4	48.7	23.4	70.0	113.0	16.0	13.2
38	56.0	57.0	66.0	54.0	38.7	15.4	30.6	23.3	48.7	23.3	75.0	123.0	16.0	13.2
40	58.0	59.0	68.0	56.0	39.3	16.7	30.6	25.3	49.3	25.3	75.0	123.0	16.0	14.2
42	60.5	61.5	69.5	58.0	39.3	18.7	30.6	27.3	49.3	27.3	80.0	133.0	16.0	14.2
43	60.5	61.5	70.5	56.0	39.3	16.7	30.6	25.3	49.3	25.3	80.0	133.0	16.0	14.2
45	62.5	64.0	73.0	56.8	39.8	17.0	31.4	25.3	49.8	25.3	81.0	138.0	16.0	14.2
48	67.0	68.0	75.0	57.7	39.7	18.0	31.2	26.5	49.7	26.5	84.0	138.0	16.0	14.2
50	68.5	69.0	78.0	57.7	39.7	18.0	31.1	26.5	49.7	26.5	87.0	148.0	16.0	14.2
53	72.0	73.0	87.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	97.0	148.0	18.0	18.0
55	74.0	75.0	83.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	90.0	148.0	18.0	18.0
60	79.5	80.5	91.0	59.7	40.2	19.5	31.1	28.5	50.2	28.5	102.0	157.0	18.0	18.0
65	84.4	85.7	98.5	59.7	40.2	19.5	31.1	28.5	50.2	28.5	109.0	163.0	18.0	18.0
70	93.0	95.0	108.0	59.7	40.2	19.5	31.1	28.6	50.2	28.6	118.0	178.0	18.0	18.0
75	98.0	101.6	118.0	61.5	41.5	20.0	32.5	28.6	51.5	28.6	129.0	190.0	18.0	18.0
80	104.0	108.0	124.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	135.0	195.0	18.0	18.0
85	109.0	111.1	128.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	139.0	198.0	22.0	22.0
90	114.0	117.5	135.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	145.0	205.0	22.0	22.0
95	119.0	120.7	138.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	148.0	208.0	22.0	22.0
100	124.0	127.0	144.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	154.0	218.0	22.0	22.0

In the table above are dimensions of the most commonly used cartridge mechanical seals. "Vrska Press" company also produces cartridge mechanical seals for shaft above Ø100mm. That dimensions are not included in the above. For precise information about those cartridges contact "Vrska Press" company or your supplier.

CARTSEAL 16D.1.6

Single cartridge seal with flushing and quench



16D.1.6.1-Flushing and quench connection G 1/8"

16D.1.6.2-Flushing and quench connection G 1/4"

16D.1.6.3-Flushing and quench connection G 3/8"

Single mechanical seal for operation with unpressurized quench with lip seal (position 14).

CARTSEAL 16D

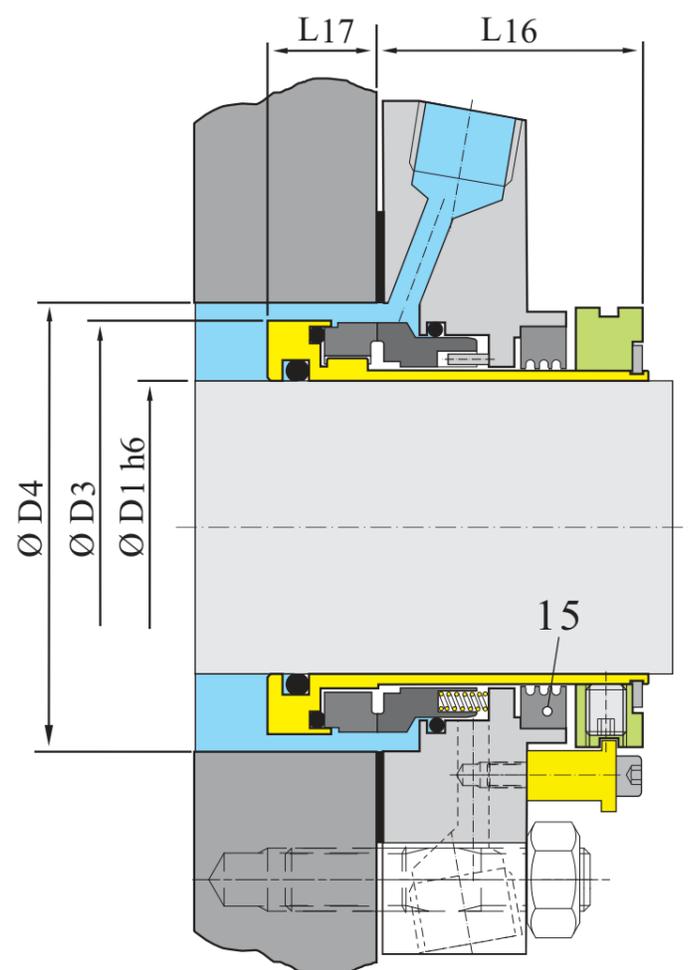
Single cartridge seal dimension table (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3	L12	L13	L16	L17	Øa1	Øda	E	ØS
25	41.9	44.0	51.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
28	44.4	47.0	52.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
30	47.0	49.0	54.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	65.0	105.0	16.0	13.2
32	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
33	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
35	55.5	56.5	61.5	54.0	38.7	15.3	30.5	23.4	48.7	23.4	70.0	113.0	16.0	13.2
38	56.0	57.0	66.0	54.0	38.7	15.4	30.6	23.3	48.7	23.3	75.0	123.0	16.0	13.2
40	58.0	59.0	68.0	56.0	39.3	16.7	30.6	25.3	49.3	25.3	75.0	123.0	16.0	14.2
42	60.5	61.5	69.5	58.0	39.3	18.7	30.6	27.3	49.3	27.3	80.0	133.0	16.0	14.2
43	60.5	61.5	70.5	56.0	39.3	16.7	30.6	25.3	49.3	25.3	80.0	133.0	16.0	14.2
45	62.5	64.0	73.0	56.8	39.8	17.0	31.4	25.3	49.8	25.3	81.0	138.0	16.0	14.2
48	67.0	68.0	75.0	57.7	39.7	18.0	31.2	26.5	49.7	26.5	84.0	138.0	16.0	14.2
50	68.5	69.0	78.0	57.7	39.7	18.0	31.1	26.5	49.7	26.5	87.0	148.0	16.0	14.2
53	72.0	73.0	87.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	97.0	148.0	18.0	18.0
55	74.0	75.0	83.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	90.0	148.0	18.0	18.0
60	79.5	80.5	91.0	59.7	40.2	19.5	31.1	28.5	50.2	28.5	102.0	157.0	18.0	18.0
65	84.4	85.7	98.5	59.7	40.2	19.5	31.1	28.5	50.2	28.5	109.0	163.0	18.0	18.0
70	93.0	95.0	108.0	59.7	40.2	19.5	31.1	28.6	50.2	28.6	118.0	178.0	18.0	18.0
75	98.0	101.6	118.0	61.5	41.5	20.0	32.5	28.6	51.5	28.6	129.0	190.0	18.0	18.0
80	104.0	108.0	124.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	135.0	195.0	18.0	18.0
85	109.0	111.1	128.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	139.0	198.0	22.0	22.0
90	114.0	117.5	135.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	145.0	205.0	22.0	22.0
95	119.0	120.7	138.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	148.0	208.0	22.0	22.0
100	124.0	127.0	144.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	154.0	218.0	22.0	22.0

In the table above are dimensions of the most commonly used cartridge mechanical seals. "Vrska Press" company also produces cartridge mechanical seals for shaft above Ø100mm. That dimensions are not included in the above. For precise information about those cartridges contact "Vrska Press" company or your supplier.

CARTSEAL 16D.1.7

Single cartridge seal with flushing and quench



16D.1.7.1-Flushing and quench connection G 1/8"

16D.1.7.2-Flushing and quench connection G 1/4"

16D.1.7.3-Flushing and quench connection G 3/8"

Single mechanical seal for operation with unpressurized quench with throttle ring (position 15).

CARTSEAL 16D

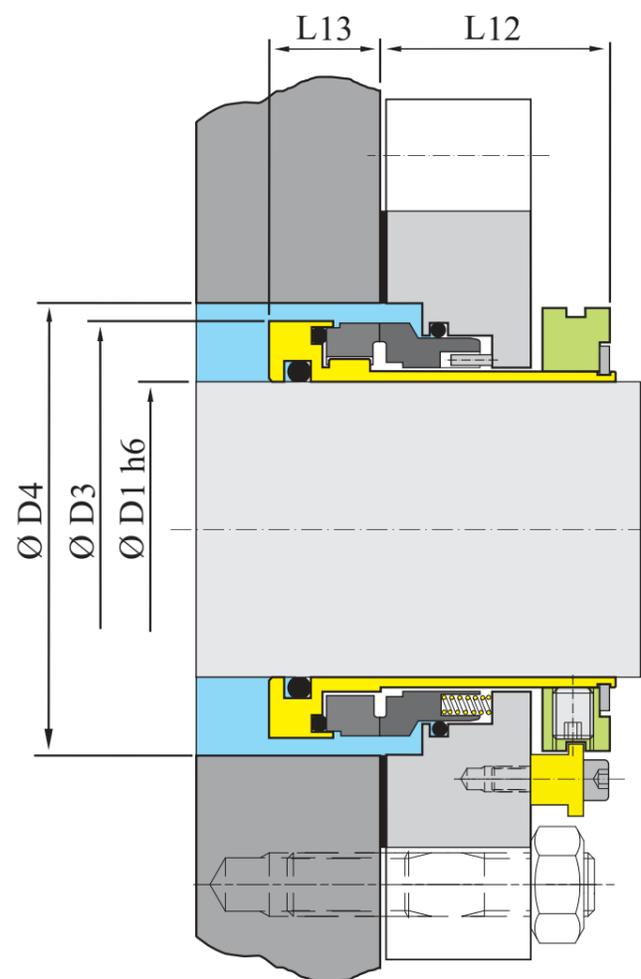
Single cartridge seal dimension table (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3	L12	L13	L16	L17	Øa1	Øda	E	ØS
25	41.9	44.0	51.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
28	44.4	47.0	52.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
30	47.0	49.0	54.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	65.0	105.0	16.0	13.2
32	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
33	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
35	55.5	56.5	61.5	54.0	38.7	15.3	30.5	23.4	48.7	23.4	70.0	113.0	16.0	13.2
38	56.0	57.0	66.0	54.0	38.7	15.4	30.6	23.3	48.7	23.3	75.0	123.0	16.0	13.2
40	58.0	59.0	68.0	56.0	39.3	16.7	30.6	25.3	49.3	25.3	75.0	123.0	16.0	14.2
42	60.5	61.5	69.5	58.0	39.3	18.7	30.6	27.3	49.3	27.3	80.0	133.0	16.0	14.2
43	60.5	61.5	70.5	56.0	39.3	16.7	30.6	25.3	49.3	25.3	80.0	133.0	16.0	14.2
45	62.5	64.0	73.0	56.8	39.8	17.0	31.4	25.3	49.8	25.3	81.0	138.0	16.0	14.2
48	67.0	68.0	75.0	57.7	39.7	18.0	31.2	26.5	49.7	26.5	84.0	138.0	16.0	14.2
50	68.5	69.0	78.0	57.7	39.7	18.0	31.1	26.5	49.7	26.5	87.0	148.0	16.0	14.2
53	72.0	73.0	87.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	97.0	148.0	18.0	18.0
55	74.0	75.0	83.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	90.0	148.0	18.0	18.0
60	79.5	80.5	91.0	59.7	40.2	19.5	31.1	28.5	50.2	28.5	102.0	157.0	18.0	18.0
65	84.4	85.7	98.5	59.7	40.2	19.5	31.1	28.5	50.2	28.5	109.0	163.0	18.0	18.0
70	93.0	95.0	108.0	59.7	40.2	19.5	31.1	28.6	50.2	28.6	118.0	178.0	18.0	18.0
75	98.0	101.6	118.0	61.5	41.5	20.0	32.5	28.6	51.5	28.6	129.0	190.0	18.0	18.0
80	104.0	108.0	124.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	135.0	195.0	18.0	18.0
85	109.0	111.1	128.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	139.0	198.0	22.0	22.0
90	114.0	117.5	135.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	145.0	205.0	22.0	22.0
95	119.0	120.7	138.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	148.0	208.0	22.0	22.0
100	124.0	127.0	144.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	154.0	218.0	22.0	22.0

In the table above are dimensions of the most commonly used cartridge mechanical seals. "Vrska Press" company also produces cartridge mechanical seals for shaft above Ø100mm. That dimensions are not included in the above. For precise information about those cartridges contact "Vrska Press" company or your supplier.

CARTSEAL 16D.1.0

Single cartridge seal for operation without connections



CARTSEAL 16D

Single cartridge seal dimension table (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3	L12	L13	L16	L17	Øa1	Øda	E	ØS
25	41.9	44.0	51.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
28	44.4	47.0	52.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	62.0	105.0	16.0	13.2
30	47.0	49.0	54.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	65.0	105.0	16.0	13.2
32	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
33	49.7	51.0	57.0	52.6	38.1	14.5	30.0	22.6	48.1	22.6	67.0	110.0	16.0	13.2
35	55.5	56.5	61.5	54.0	38.7	15.3	30.5	23.4	48.7	23.4	70.0	113.0	16.0	13.2
38	56.0	57.0	66.0	54.0	38.7	15.4	30.6	23.3	48.7	23.3	75.0	123.0	16.0	13.2
40	58.0	59.0	68.0	56.0	39.3	16.7	30.6	25.3	49.3	25.3	75.0	123.0	16.0	14.2
42	60.5	61.5	69.5	58.0	39.3	18.7	30.6	27.3	49.3	27.3	80.0	133.0	16.0	14.2
43	60.5	61.5	70.5	56.0	39.3	16.7	30.6	25.3	49.3	25.3	80.0	133.0	16.0	14.2
45	62.5	64.0	73.0	56.8	39.8	17.0	31.4	25.3	49.8	25.3	81.0	138.0	16.0	14.2
48	67.0	68.0	75.0	57.7	39.7	18.0	31.2	26.5	49.7	26.5	84.0	138.0	16.0	14.2
50	68.5	69.0	78.0	57.7	39.7	18.0	31.1	26.5	49.7	26.5	87.0	148.0	16.0	14.2
53	72.0	73.0	87.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	97.0	148.0	18.0	18.0
55	74.0	75.0	83.0	59.7	39.7	20.0	31.1	28.5	49.7	28.5	90.0	148.0	18.0	18.0
60	79.5	80.5	91.0	59.7	40.2	19.5	31.1	28.5	50.2	28.5	102.0	157.0	18.0	18.0
65	84.4	85.7	98.5	59.7	40.2	19.5	31.1	28.5	50.2	28.5	109.0	163.0	18.0	18.0
70	93.0	95.0	108.0	59.7	40.2	19.5	31.1	28.6	50.2	28.6	118.0	178.0	18.0	18.0
75	98.0	101.6	118.0	61.5	41.5	20.0	32.5	28.6	51.5	28.6	129.0	190.0	18.0	18.0
80	104.0	108.0	124.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	135.0	195.0	18.0	18.0
85	109.0	111.1	128.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	139.0	198.0	22.0	22.0
90	114.0	117.5	135.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	145.0	205.0	22.0	22.0
95	119.0	120.7	138.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	148.0	208.0	22.0	22.0
100	124.0	127.0	144.0	61.5	41.5	20.0	32.5	28.6	53.5	28.6	154.0	218.0	22.0	22.0

In the table above are dimensions of the most commonly used cartridge mechanical seals. "Vrska Press" company also produces cartridge mechanical seals for shaft above Ø100mm. That dimensions are not included in the above. For precise information about those cartridges contact "Vrska Press" company or your supplier.