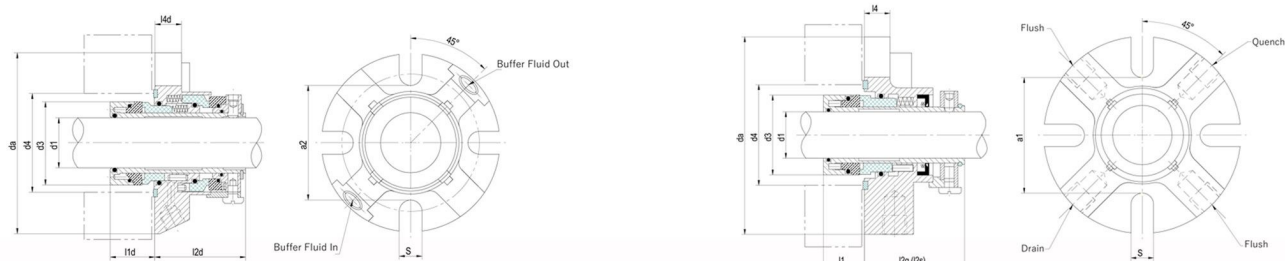


## FSD Serie FF10-S, FF10-Q, FF10-D



Type FF10 Dimensional Data (millimeter)						
d1	l4	l4d	a1	a2	da	s
25	14.0	16.0	62.0	62.0	105.0	12.5
28	14.0	16.0	62.0	65.0	105.0	12.5
30	14.0	16.0	65.0	67.0	105.0	12.5
32	14.0	16.0	67.0	70.0	110.0	12.5
33	14.0	16.0	67.0	70.0	110.0	12.5
35	14.0	16.0	70.0	72.0	115.0	12.5
38	14.0	16.0	75.0	75.0	125.0	12.5
40	14.0	16.0	75.0	77.0	125.0	14.7
42	14.0	16.0	80.0	80.0	133.0	14.7
43	14.0	16.0	80.0	80.0	133.0	14.7
45	14.0	16.0	81.0	82.0	141.0	14.7
48	14.0	16.0	84.0	85.0	141.0	14.7
50	14.0	16.0	87.0	87.0	150.0	14.7
53	14.0	16.0	97.0	97.0	150.0	17.5
55	14.0	16.0	90.0	92.0	150.0	17.5
60	14.0	16.0	102.0	102.0	157.0	17.5
65	14.0	16.0	109.0	109.3	165.0	17.5
70	14.0	16.0	118.0	118.3	180.0	17.5
75	17.0	19.0	129.0	129.0	190.0	17.5
80	17.0	19.0	135.0	135.0	195.0	17.5
85	17.0	19.0	139.0	139.0	200.0	20.5
90	17.0	19.0	145.0	145.0	205.0	20.5
95	17.0	19.0	148.0	148.0	210.0	20.5
100	17.0	19.0	154.0	154.0	220.0	20.5

Dimensional Data (millimeter)				FF10-S		FF10-Q		FF10-D	
d1	d3	Min	Max	l1	l2s	l1	l2s	l1	l2s
		d4	d4						
25	43.0	44.0	51.0	22.0	46.0	22.0	54.0	25.0	53.0
28	46.0	47.0	52.0	22.0	46.0	22.0	54.0	25.0	53.0
30	48.0	49.0	56.0	22.0	46.0	22.0	54.0	25.0	53.0
32	50.0	51.0	57.0	22.0	46.0	22.0	54.0	25.0	53.0
33	50.0	51.0	57.0	22.0	46.0	22.0	54.0	25.0	53.0
35	53.0	54.0	61.5	22.0	46.0	22.0	54.0	25.0	53.0
38	56.0	57.0	66.0	22.0	46.0	22.0	54.0	25.0	53.0
40	58.0	59.0	68.0	22.0	46.0	22.0	54.0	25.0	53.0
42	61.0	62.0	69.5	22.0	46.0	22.0	54.0	25.0	53.0
43	61.0	62.0	70.5	22.0	46.0	22.0	54.0	25.0	53.0
45	63.0	64.0	73.0	22.0	46.0	22.0	54.0	25.0	53.0
48	66.0	67.0	75.0	22.0	46.0	22.0	54.0	25.0	53.0
50	68.0	69.0	78.0	22.0	46.0	22.0	54.0	25.0	53.0
53	71.0	72.0	83.0	22.0	46.0	22.0	54.0	25.0	53.0
55	73.0	74.0	87.0	22.0	46.0	22.0	54.0	25.0	53.0
60	78.0	79.0	91.0	22.0	46.0	22.0	54.0	25.0	53.0
65	83.0	84.0	98.5	22.0	46.0	22.0	56.0	25.0	53.0
70	93.0	95.0	108.0	22.0	46.0	22.0	56.0	25.0	53.0
75	100.0	102.0	118.0	22.0	46.0	22.0	56.0	25.0	60.0
80	106.0	108.0	124.0	22.0	46.0	22.0	58.0	25.0	60.0
85	109.0	111.0	128.0	22.0	46.0	22.0	59.0	25.0	60.0
90	116.0	117.5	135.0	25.0	50.0	25.0	62.0	28.0	65.0
95	119.0	120.5	138.0	25.0	50.0	25.0	62.0	28.0	65.0
100	125.0	127.0	144.0	25.0	50.0	25.0	62.0	28.0	65.0

### SERIE FF10-S & FF10-Q (a1) SERIE FF10-D (a2)

- No Connections for FF10-1
- 2 Flushing Connectors for Series FF10-Q, FF10-S, FF10-D
- 2 Quench Connections for Series FF10-Q & FF10-S
- Connections with 1/4" NPT Thread
- l4 : Flange Thickness FF10-Q & FF10-S
- l4d : Flange Thickness FF10-D

### CHARACTERISTICS

- FF10-S : Single Cartridge Seal with connections for steam quench and drainage
- FF10-Q : Single Cartridge Seal with liquid quench. Same design as "S" but including an oil seal on the atmosphere side (longer fitting length)
- FF10-D : Double Cartridge Seal with connections for forced circulation

### MATERIALS

- Rotary Face : Car, SiC, TC
- Stationary Face : Car, SS, SiC, WC
- Secondary Seal : NBR, EPDM, VITON, FEP, KALREZ
- Springs : HC276
- Other Parts : SS316Ti

### LIMIT OF APPLICATIONS

- Pressure : 25 bar
- Temperature : - 40 ~ 220 °C
- Speed : 10 - 16 m/s