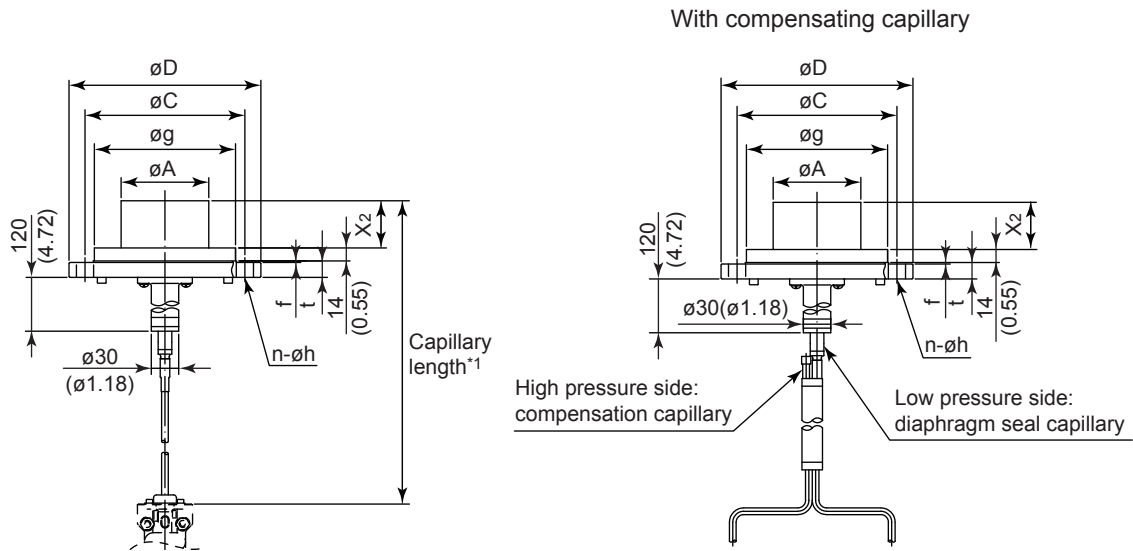


# Drawings

C80FE  
Remote Mount Flanged Diaphragm Seal  
(Extended Type)

SD 01C25W52-03EN

Unit: mm (approx. inch)



\*1: The specified capillary length includes the extension length ( $X_2$ ) and the flange thickness ( $t$ ).

• Extension length ( $X_2$ )

Extension code	$X_2$
2	50±0.5(1.97±0.02)
4	100±0.5(3.94±0.02)
6	150±0.5(5.91±0.02)
8	200±0.8(7.87±0.03)

Unit: mm (approx. inch)

**Process flange size: 4-inch (100mm)**

Flange Standard Code	Flange Rating Code	Flange Rating	øD	øC	Bolt holes		øg	øA	t	f <sup>2</sup>
					No.(n)	Dia.(øh)				
J	A	JIS 10K	210(8.27)	175(6.89)	8	19(0.75)	155(6.10)	96±0.5(3.78±0.02)	18(0.71)	0
J	B	JIS 20K	225(8.86)	185(7.28)	8	23(0.91)	155(6.10)	96±0.5(3.78±0.02)	24(0.94)	0
J	C	JIS 30K	240(9.45)	195(7.68)	8	25(0.98)	155(6.10)	96±0.5(3.78±0.02)	32(1.26)	0
J	D	JIS 40K	250(9.84)	205(8.07)	8	25(0.98)	155(6.10)	96±0.5(3.78±0.02)	36(1.42)	0
A	1	ANSI Class 150	228.6(9.00)	190.5(7.50)	8	19.1(0.75)	155(6.10)	96±0.5(3.78±0.02)	23.9(0.94)	1.6(0.06)
A	2	ANSI Class 300	254(10.00)	200.2(7.88)	8	22.4(0.88)	155(6.10)	96±0.5(3.78±0.02)	31.8(1.25)	1.6(0.06)
A	4	ANSI Class 600	273(10.75)	215.9(8.50)	8	26(1.02)	155(6.10)	96±0.5(3.78±0.02)	44.5(1.75) <sup>*3</sup>	6.4(0.25)
A	5	ANSI Class 900	292.1(11.50)	235(9.25)	8	31.8(1.25)	155(6.10)	96±0.5(3.78±0.02)	44.5(1.75)	0
A	6	ANSI Class 1500	311.2(12.25)	241.3(9.50)	8	35.1(1.38)	155(6.10)	96±0.5(3.78±0.02)	53.8(2.12)	0
P	1	JPI Class 150	229(9.02)	190.5(7.50)	8	19(0.75)	155(6.10)	96±0.5(3.78±0.02)	24(0.94)	1.6(0.06)
P	2	JPI Class 300	254(10.00)	200.2(7.88)	8	22(0.87)	155(6.10)	96±0.5(3.78±0.02)	32(1.26)	1.6(0.06)
P	4	JPI Class 600	273(10.75)	215.9(8.50)	8	26(1.02)	155(6.10)	96±0.5(3.78±0.02)	44.9(1.77)	6.4(0.25)
P	5	JPI Class 900	292(11.50)	235(9.25)	8	32(1.26)	155(6.10)	96±0.5(3.78±0.02)	44.5(1.75)	0
P	6	JPI Class 1500	311(12.24)	241.3(9.50)	8	35(1.38)	155(6.10)	96±0.5(3.78±0.02)	54(2.13)	0
D	H	DIN PN 10/16	220(8.66)	180(7.09)	8	18(0.71)	155(6.10)	96±0.5(3.78±0.02)	20(0.79)	0
D	K	DIN PN 25/40	235(9.25)	190(7.48)	8	22(0.87)	155(6.10)	96±0.5(3.78±0.02)	24(0.94)	0

**Process flange size: 3-inch (80mm)**

Flange Standard Code	Flange Rating Code	Flange Rating	øD	øC	Bolt holes		øg	øA	t	f
					No.(n)	Dia.(øh)				
J	A	JIS 10K	185(7.28)	150(5.91)	8	19(0.75)	130(5.12)	71±0.5(2.80±0.02)	18(0.71)	0
J	B	JIS 20K	200(7.87)	160(6.30)	8	23(0.91)	130(5.12)	71±0.5(2.80±0.02)	22(0.87)	0
J	C	JIS 30K	210(8.27)	170(6.69)	8	23(0.91)	130(5.12)	71±0.5(2.80±0.02)	28(1.10)	0
J	D	JIS 40K	210(8.27)	170(6.69)	8	23(0.91)	130(5.12)	71±0.5(2.80±0.02)	32(1.26)	0
A	1	ANSI Class 150	190.5(7.50)	152.4(6.00)	4	19.1(0.75)	130(5.12)	71±0.5(2.80±0.02)	23.9(0.94)	1.6(0.06) <sup>*4</sup>
A	2	ANSI Class 300	209.6(8.25)	168.1(6.62)	8	22.4(0.88)	130(5.12)	71±0.5(2.80±0.02)	28.4(1.12)	1.6(0.06) <sup>*4</sup>
A	4	ANSI Class 600	209.6(8.25)	168.1(6.62)	8	22.4(0.88)	130(5.12)	71±0.5(2.80±0.02)	38.4(1.51) <sup>*8</sup>	6.4(0.25) <sup>*2</sup>
A	5	ANSI Class 900	241.3(9.50)	190.5(7.50)	8	25.4(1.00)	130(5.12)	71±0.5(2.80±0.02)	38.1(1.50)	0
A	6	ANSI Class 1500	266.7(10.50)	203.2(8.00)	8	31.8(1.25)	130(5.12)	71±0.5(2.80±0.02)	47.8(1.88)	0
P	1	JPI Class 150	190(7.48)	152.4(6.00)	4	19(0.75)	130(5.12)	71±0.5(2.80±0.02)	24(0.94)	1.6(0.06)
P	2	JPI Class 300	210(8.27)	168.1(6.62)	8	22(0.87)	130(5.12)	71±0.5(2.80±0.02)	28.5(1.12)	1.6(0.06)
P	4	JPI Class 600	210(8.27)	168.1(6.62)	8	22(0.87)	130(5.12)	71±0.5(2.80±0.02)	38.4(1.51) <sup>*5</sup>	6.4(0.25) <sup>*2</sup>
P	5	JPI Class 900	241(9.49)	190.5(7.50)	8	26(1.02)	130(5.12)	71±0.5(2.80±0.02)	38.5(1.52) <sup>*6</sup>	0 <sup>*7</sup>
P	6	JPI Class 1500	267(10.51)	203.2(8.00)	8	32(1.26)	130(5.12)	71±0.5(2.80±0.02)	48(1.89)	0
D	H	DIN PN 10/16	200(7.87)	160(6.30)	8	18(0.71)	130(5.12)	71±0.5(2.80±0.02)	20(0.79)	0
D	K	DIN PN 25/40	200(7.87)	160(6.30)	8	18(0.71)	130(5.12)	71±0.5(2.80±0.02)	24(0.94)	0

- \*2: For flange material code A(S25C), value of f is 0 mm(0 inch).  
\*3: For flange material code A(S25C), value of t is 38.5 mm(1.52 inch).  
\*4: For flange material code S(SUS316L), value of f is 0 mm(0 inch).  
\*5: For flange material code A(S25C), value of t is 32 mm(1.26 inch).  
\*6: For flange material code C(SUS316), value of t is 44.5 mm(1.76 inch).  
\*7: For flange material code C(SUS316), value of f is 6.4 mm(0.25 inch).  
\*8: For flange material code A(S25C), value of t is 31.8 mm(1.25 inch).