

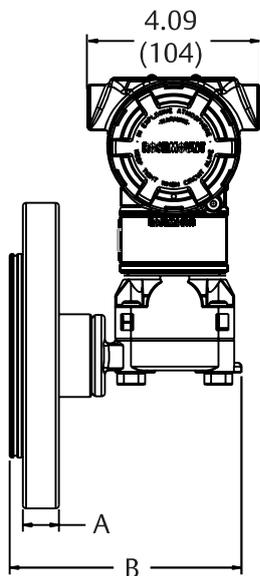
Dimension	Line size		
	½-in. (15 mm)	1-in. (25 mm)	1½-in. (40 mm)
K (RF slip-on, RTJ slip-on, RF-DIN slip on) <sup>(1)</sup>	5.82 (147.8)	8.83 (224.2)	11.99 (304.6)
K (RF Class 150, weld neck)	7.57 (192.3)	10.88 (276.3)	14.29 (363.1)
K (RF Class 300, weld neck)	7.76 (197.1)	11.14 (282.9)	14.53 (369.2)
K (RF Class 600, weld neck)	8.01 (203.4)	11.39 (289.2)	14.85 (377.2)
B.D. (Bore diameter)	0.664 (16.87)	1.097 (27.86)	1.567 (39.80)

Dimensions are in inches (millimeters).

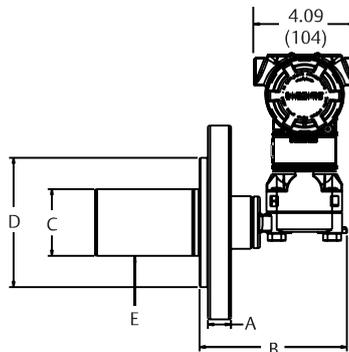
(1) Downstream length shown here includes plate thickness of 0.162-in. (4.11 mm).

**Figure 23: Rosemount 3051L Configurations**

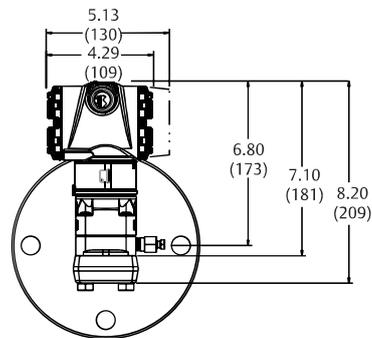
2-in. flange Configuration (flush mount only)



3- and 4-in. flange configuration



Diaphragm assembly and mounting flange



E. 2-, 4-, or 6-in. extension (only available with 3- and 4-in., DN80, and DN100 flange configurations)

**Table 11: Rosemount 3051L Dimensional Specifications**

Class <sup>(1)</sup>	Pipe size	Flange thickness A	B	Extension diameter <sup>(1)</sup> C	O.D. gasket surface D
ASME B16.5 (ANSI) 150	2 (51)	0.69 (18)	5.65 (143)	N/A	3.6 (92)
	3 (76)	0.88 (22)	5.65 (143)	2.58 (66)	5.0 (127)
	4 (102)	0.88 (22)	5.65 (143)	3.5 (89)	6.2 (158)
ASME B16.5 (ANSI) 300	2 (51)	0.82 (21)	5.65 (143)	N/A	3.6 (92)
	3 (76)	1.06 (27)	5.65 (143)	2.58 (66)	5.0 (127)
	4 (102)	1.19 (30)	5.65 (143)	3.5 (89)	6.2 (158)
ASME B16.5 (ANSI) 600	2 (51)	1.00 (25)	7.65 (194)	N/A	3.6 (92)

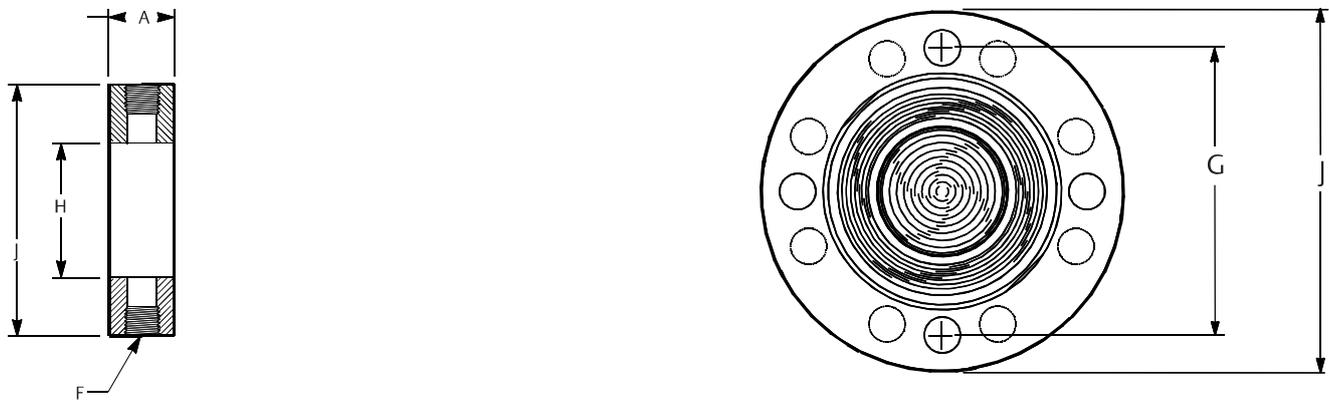
**Table 11: Rosemount 3051L Dimensional Specifications (continued)**

Class <sup>(1)</sup>	Pipe size	Flange thickness A	B	Extension diameter <sup>(1)</sup> C	O.D. gasket surface D
	3 (76)	1.25 (32)	7.65 (194)	2.58 (66)	5.0 (127)
DIN 2501 PN 10-40	DN 50	0.79 (20)	5.65 (143)	N/A	4.0 (102)
DIN 2501 PN 25/40	DN 80	0.94 (24)	5.65 (143)	2.6 (66)	5.4 (138)
	DN 100	0.94 (24)	5.65 (143)	3.5 (89)	6.2 (158)
DIN 2501 PN 10/16	DN 100	0.79 (20)	5.65 (143)	3.5 (89)	6.2 (158)

Dimensions are in inches (millimeters).

(1) Tolerances are 0.040 (1.02), - 0.020 (0.51).

**Figure 24: Optional Flushing Connection Ring (Lower Housing) for Rosemount 3051L**



Class <sup>(1)</sup>	Pipe size	Flange thickness A	Lower housing F		Bolt circle diameter G	No. of bolts	Bolt hole diameter	Process side H	Outside diameter J
			¼-in. NPT	½ -in. NPT					
ASME B16.5 (ANSI) 150	2 (51)	0.69 (18)	0.97 (25)	1.31 (33)	4.75 (121)	4	0.75 (19)	2.12 (54)	6.0 (152)
	3 (76)	0.88 (22)	0.97 (25)	1.31 (33)	6.0 (152)	4	0.75 (19)	3.60 (91)	7.5 (191)
	4 (102)	0.88 (22)	0.97 (25)	1.31 (33)	7.5 (191)	8	0.75 (19)	3.60 (91)	9.0 (229)
ASME B16.5 (ANSI) 300	2 (51)	0.82 (21)	0.97 (25)	1.31 (33)	5.0 (127)	8	0.75 (19)	2.12 (54)	6.5 (165)
	3 (76)	1.06 (27)	0.97 (25)	1.31 (33)	6.62 (168)	8	0.88 (22)	3.60 (91)	8.25 (210)
	4 (102)	1.19 (30)	0.97 (25)	1.31 (33)	7.88 (200)	8	0.88 (22)	3.60 (91)	10.0 (254)
ASME B16.5 (ANSI) 600	2 (51)	1.00 (25)	0.97 (25)	1.31 (33)	5.0 (127)	8	0.75 (19)	2.12 (54)	6.5 (165)
	3 (76)	1.25 (32)	0.97 (25)	1.31 (33)	6.62 (168)	8	0.88 (22)	3.60 (91)	8.25 (210)
DIN 2501 PN 10-40	DN 50	0.79 (20)	0.97 (25)	1.31 (33)	4.92 (125)	4	0.71 (18)	2.40 (61)	6.5 (165)
DIN 2501 PN 25/40	DN 80	0.94 (24)	0.97 (25)	1.31 (33)	6.3 (160)	8	0.71 (18)	3.60 (91)	7.87 (200)
	DN 100	0.94 (24)	0.97 (25)	1.31 (33)	7.48 (190)	8	0.88 (22)	3.60 (91)	9.25 (235)
DIN 2501 PN 10/16	DN 100	0.79 (20)	0.97 (25)	1.31 (33)	7.09 (180)	8	0.71 (18)	3.60 (91)	8.66 (220)