

BMS 47 - Flange Insulation Kit Dimensions
 (Tables For Reference Only)

 Issued by: A D Senior
 Date: 1st Jan 2011
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FLANGE INSULATION KITS - DIMENSIONS											
Nom Pipe Dia inches	Gasket Inside Dia (mm)	ANSI Lbs Class	Gaskets					Sleeves		Washers	
			Gasket Outside Dia - mm "E"	Gasket Outside Dia - mm "F"	ANSI Ring No. "D" RTJ	No. of Bolts	Size of Bolts mm	I.D. mm	Length mm	I.D. mm	O.D. mm
1	25.4	150	107.95	61.93	R15	4	12.70	12.70	33.35	14.30	14.30
		300	123.83	68.28	R16	4	15.88	15.88	39.70	17.48	33.35
		4/600	123.83	68.28	R16	4	15.88	15.88	52.40	17.48	33.35
		9/1500	149.23	74.63	R16	4	22.23	22.23	71.45	23.83	44.45
		2500	158.75	3.19	R18	4	0.88	0.88	3.44	23.83	44.45
1 1/4	3.2	150	117.48	71.45	R17	4	12.70	12.70	36.53	14.30	28.58
		300	133.35	77.80	R18	4	15.88	15.88	42.88	17.48	33.35
		4/600	133.35	77.80	R18	4	15.88	15.88	58.75	17.48	33.35
		9/1500	158.75	84.15	R18	4	22.23	22.23	74.63	23.83	44.45
		2500	184.15	100.03	R21	4	25.40	25.40	93.68	42.88	50.80
1 1/2	38.1	150	127.00	80.98	R19	4	12.70	12.70	39.70	14.30	28.58
		300	155.58	90.50	R20	4	19.05	19.05	46.05	20.65	39.70
		4/600	155.58	90.50	R20	4	19.05	19.05	61.93	20.65	39.70
		9/1500	177.80	93.68	R20	4	25.40	25.40	80.98	27.00	50.80
		2500	203.20	112.73	R23	4	28.58	28.58	106.38	30.18	55.58
2	50.8	150	152.40	100.03	R22	4	15.88	15.88	42.88	17.48	33.35
		300	165.10	106.38	R23	8	15.88	15.88	49.23	17.48	33.43
		4/600	165.10	106.38	R23	8	15.88	15.88	68.28	17.48	33.43
		9/1500	215.90	138.13	R24	8	22.23	22.23	93.68	23.83	44.45
		2500	234.95	141.30	R26	8	25.40	25.40	119.08	27.00	50.80
2 1/2"	63.5	150	177.80	119.08	R25	4	15.88	15.88	49.23	17.48	33.35
		300	190.50	125.43	R26	8	19.05	19.05	55.58	20.65	39.70
		4/600	190.50	125.43	R26	8	19.05	19.05	74.63	20.65	39.70
		9/1500	244.48	160.35	R27	8	25.40	25.40	100.03	27.00	50.80
		2500	266.70	163.53	R28	8	28.58	28.58	131.78	30.18	55.58
3	76.2	150	190.50	131.78	R29	4	15.88	15.88	52.40	17.48	33.35
		300	209.55	144.48	R31	8	19.05	19.05	61.93	20.65	39.70
		4/600	209.55	144.48	R32	8	19.05	19.05	80.98	20.65	39.70
		900	241.30	163.53	R31	8	22.23	22.23	93.68	23.83	44.45
		1500	266.70	169.88	R35	8	28.58	28.58	112.73	30.18	55.58
		2500	304.80	192.10	R32	8	31.75	31.75	150.83	33.35	61.93

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Nom Pipe Dia inches	Gasket Inside Dia (mm)	ANSI Lbs Class	Gaskets					Sleeves		Washers	
			Gasket Outside Dia - mm "E"	Gasket Outside Dia - mm "F"	ANSI Ring No. "D" RTJ	No. of Bolts	Size of Bolts mm	I.D. mm	Length mm	I.D. mm	O.D. mm
3 1/2	88.9	150	215.90	157.18	R33	8	15.88	15.88	52.40	17.48	33.35
		300	228.60	160.35	R34	8	19.05	19.05	65.10	20.65	33.35
		4/600	228.60	157.18	R34	8	22.23	22.23	77.80	23.83	44.45
4	101.6	150	228.60	169.88	R36	8	15.88	15.88	52.40	17.48	33.35
		300	254.00	176.23	R37	8	19.05	19.05	68.28	20.65	39.70
		400	254.00	176.23	R37	8	22.23	22.23	87.33	23.83	44.45
		600	273.05	188.93	R37	8	22.23	22.23	93.68	23.83	44.45
		900	292.10	201.63	R37	8	28.58	28.58	106.38	30.18	55.58
		1500	311.15	204.80	R39	8	31.75	31.75	125.43	33.35	61.93
5	127.0	2500	355.60	230.20	R38	8	38.10	38.10	169.88	39.70	73.03
		150	254.00	192.10	R40	8	19.05	19.05	52.40	20.65	39.70
		300	279.40	211.15	R41	8	19.05	19.05	74.63	20.65	39.70
		400	279.40	204.80	R41	8	22.23	22.23	93.68	23.83	44.45
		600	279.40	236.55	R41	8	25.40	25.40	106.38	27.00	50.80
		900	349.25	242.90	R41	8	31.75	31.75	119.08	33.35	61.93
6	152.4	1500	374.65	249.25	R44	8	39.37	38.10	163.53	39.70	73.03
		2500	419.10	274.65	R42	8	44.45	44.45	201.63	46.05	84.15
		150	279.40	217.50	R43	8	19.05	19.05	55.58	20.65	39.70
		300	317.50	246.08	R45	12	19.05	19.05	77.80	20.65	39.70
		400	317.50	242.90	R45	12	22.23	22.23	100.03	23.83	44.45
		600	355.60	261.95	R45	12	25.40	25.40	112.73	27.00	50.80
8	203.2	900	381.00	284.18	R45	12	28.58	28.58	128.60	30.18	55.58
		1500	393.70	277.83	R46	12	34.93	34.93	182.58	36.53	66.68
		2500	482.60	312.75	R47	8	50.80	50.80	233.38	52.40	69.85
		150	342.90	274.65	R48	8	19.05	19.05	61.93	20.65	39.70
		300	381.00	303.23	R49	12	22.23	22.23	87.33	23.83	44.45
		400	381.00	300.05	R49	12	25.40	25.40	112.73	27.00	50.80
8	203.2	600	419.10	341.33	R49	12	28.58	28.58	128.60	30.18	55.58
		900	469.90	354.03	R49	12	34.93	34.93	144.48	36.53	66.68
		1500	482.60	347.68	R50	12	41.28	41.28	201.63	42.88	77.80
		2500	552.45	408.00	R51	12	50.80	50.80	271.48	52.40	95.25

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			Gaskets	Sleeves	Washers
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10	254.0	150	406.40	334.98	R52	12	22.23	22.23	65.10	23.83	44.45
		300	444.50	357.20	R53	16	25.40	25.40	100.03	27.00	50.80
		400	444.50	354.03	R53	16	28.58	28.58	125.43	30.18	55.58
		600	508.00	395.30	R53	16	31.75	31.75	144.48	33.35	61.93
		900	546.10	430.23	R53	16	34.93	34.93	157.18	36.53	66.68
		1500	584.20	430.23	R54	12	47.63	47.63	233.38	33.35	88.90
		2500	673.10	471.50	R55	12	63.50	63.50	347.68	65.10	117.48
12	304.8	150	482.60	404.83	R56	12	22.23	22.23	68.28	23.83	44.45
		300	520.70	417.53	R57	16	28.58	28.58	106.38	30.18	55.58
		400	520.70	414.35	R57	16	31.75	31.75	131.78	33.35	61.93
		600	558.80	452.45	R57	20	31.75	31.75	144.48	33.35	61.93
		900	609.60	493.73	R57	20	34.93	34.93	157.18	36.53	66.68
		1500	673.10	515.95	R58	16	50.80	50.80	265.13	52.40	95.25
		2500	762.00	544.53	R60	12	69.85	69.85	385.78	71.45	128.60
14	336.5	150	533.40	446.10	R59	12	25.40	25.40	74.63	36.53	50.80
		300	584.20	481.03	R61	20	28.58	28.58	112.73	30.18	55.58
		400	584.20	477.85	R61	20	31.75	31.75	138.13	33.35	61.93
		600	603.25	487.38	R61	20	34.93	34.93	157.18	36.53	66.68
		900	641.35	515.95	R62	20	38.10	38.10	188.93	39.70	73.03
		1500	749.30	573.10	R63	16	57.15	57.15	284.18	58.75	106.38
16	387.3	150	596.90	509.60	R64	16	25.40	25.40	77.80	27.00	50.80
		300	647.70	535.00	R64	20	31.75	31.75	119.08	36.53	61.93
		400	647.70	515.95	R65	20	34.93	34.93	144.48	36.53	66.68
		600	685.80	560.40	R65	20	38.10	38.10	169.88	39.70	73.03
		900	704.85	569.93	R66	20	41.28	41.28	195.28	42.88	77.80
		1500	825.50	636.60	R67	16	63.50	63.50	309.58	65.10	117.48
18	438.1	150	635.00	544.53	R68	16	28.58	28.58	84.15	30.18	55.58
		300	711.20	592.15	R69	24	31.75	31.75	125.43	33.35	61.93
		400	711.20	588.98	R69	24	34.93	34.93	150.83	36.53	66.68
		600	742.95	608.03	R69	20	41.28	41.28	182.58	42.88	77.80
		900	787.40	633.43	R70	20	47.63	47.63	220.68	49.23	88.90
		1500	914.40	700.10	R71	16	69.85	69.85	341.33	71.45	128.60

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20	488.9	150	698.50	600.41	R72	20	28.58	28.58	90.50	30.18	55.58
		300	774.70	649.30	R73	24	31.75	31.75	131.78	33.35	61.93
		400	774.70	642.95	R73	24	38.10	38.10	157.18	39.70	73.03
		600	812.80	677.88	R73	24	41.28	41.28	195.28	42.88	77.80
		900	857.25	693.75	R74	20	50.80	50.80	233.38	52.40	69.85
		1500	984.25	750.90	R75	16	76.20	76.20	373.08	77.80	139.70
24	590.5	150	812.80	711.20	R76	20	508.00	31.75	31.75	100.03	33.35
		300	914.40	769.95	R77	24	38.10	38.10	144.48	39.70	73.03
		400	914.40	763.60	R77	24	44.45	44.45	169.88	46.05	84.15
		600	939.80	785.83	R77	24	47.63	47.63	220.68	49.23	88.90
		900	1041.40	833.45	R78	20	63.50	63.50	296.88	65.10	117.48
		1500	1168.40	896.95	R79	16	88.90	88.90	423.88	90.50	161.93