

Dimensions of Spiral Wound Gaskets as per as per JIS B2404 to suit JIS B2220 & JIS B2240 Flanges



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SIZE & RATING	OUTER RING OD	GASKET OD	GASKET ID	INNER RING ID	GASKET THICKNESS	RING THICKNESS
	d4	d3	d2	d1	t	t1
DN10 PN10K	52	37	24	18	4.45	2.97 – 3.33
DN10 PN16K	52	37	24	18	4.45	2.97 – 3.33
DN10 PN20K	52	37	24	18	4.45	2.97 – 3.33
DN10 PN30K	59	37	24	18	4.45	2.97 – 3.33
DN10 PN40K	59	34	21	15	4.45	2.97 – 3.33
DN10 PN63K	64	34	21	15	4.45	2.97 – 3.33
DN15 PN10K	57	41	28	22	4.45	2.97 – 3.33
DN15 PN16K	57	41	28	22	4.45	2.97 – 3.33
DN15 PN20K	57	41	28	22	4.45	2.97 – 3.33
DN15 PN30K	64	41	28	22	4.45	2.97 – 3.33
DN15 PN40K	64	37	24	18	4.45	2.97 – 3.33
DN15 PN63K	69	37	24	18	4.45	2.97 – 3.33
DN20 PN10K	62	47	34	28	4.45	2.97 – 3.33
DN20 PN16K	62	47	34	28	4.45	2.97 – 3.33
DN20 PN20K	62	47	34	28	4.45	2.97 – 3.33
DN20 PN30K	69	47	34	28	4.45	2.97 – 3.33
DN20 PN40K	69	42	29	23	4.45	2.97 – 3.33
DN20 PN63K	75	42	29	23	4.45	2.97 – 3.33
DN25 PN10K	74	53	40	34	4.45	2.97 – 3.33
DN25 PN16K	74	53	40	34	4.45	2.97 – 3.33
DN25 PN20K	74	53	40	34	4.45	2.97 – 3.33
DN25 PN30K	79	53	40	34	4.45	2.97 – 3.33
DN25 PN40K	79	48	35	29	4.45	2.97 – 3.33
DN25 PN63K	80	48	35	29	4.45	2.97 – 3.33
DN32 PN10K	84	67	51	43	4.45	2.97 – 3.33
DN32 PN16K	84	67	51	43	4.45	2.97 – 3.33
DN32 PN20K	84	67	51	43	4.45	2.97 – 3.33
DN32 PN30K	89	67	51	43	4.45	2.97 – 3.33
DN32 PN40K	89	60	44	38	4.45	2.97 – 3.33
DN32 PN63K	90	60	44	38	4.45	2.97 – 3.33
DN40 PN10K	89	73	57	49	4.45	2.97 – 3.33
DN40 PN16K	89	73	57	49	4.45	2.97 – 3.33
DN40 PN20K	89	73	57	49	4.45	2.97 – 3.33
DN40 PN30K	100	73	57	49	4.45	2.97 – 3.33
DN40 PN40K	100	67	51	43	4.45	2.97 – 3.33
DN40 PN63K	107	67	51	43	4.45	2.97 – 3.33
DN50 PN10K	104	89	69	61	4.45	2.97 – 3.33
DN50 PN16K	104	89	69	61	4.45	2.97 – 3.33
DN50 PN20K	104	89	69	61	4.45	2.97 – 3.33
DN50 PN30K	114	89	69	61	4.45	2.97 – 3.33
DN50 PN40K	114	79	63	55	4.45	2.97 – 3.33
DN50 PN63K	125	79	63	55	4.45	2.97 – 3.33
DN65 PN10K	124	107	87	77	4.45	2.97 – 3.33
DN65 PN16K	124	107	87	77	4.45	2.97 – 3.33
DN65 PN20K	124	107	87	77	4.45	2.97 – 3.33
DN65 PN30K	140	98	78	68	4.45	2.97 – 3.33

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SIZE & RATING	OUTER RING OD	GASKET OD	GASKET ID	INNER RING ID	GASKET THICKNESS	RING THICKNESS
	d4	d3	d2	d1	t	t1
DN65 PN40K	140	98	78	68	4.45	2.97 – 3.33
DN65 PN63K	152	98	78	68	4.45	2.97 – 3.33
DN80 PN10K	134	118	98	89	4.45	2.97 – 3.33
DN80 PN16K	140	119	99	89	4.45	2.97 – 3.33
DN80 PN20K	140	119	99	89	4.45	2.97 – 3.33
DN80 PN30K	150	110	90	80	4.45	2.97 – 3.33
DN80 PN40K	150	110	90	80	4.45	2.97 – 3.33
DN80 PN63K	162	110	90	80	4.45	2.97 – 3.33
DN90 PN10K	144	130	110	102	4.45	2.97 – 3.33
DN90 PN16K	150	139	114	102	4.45	2.97 – 3.33
DN90 PN20K	150	139	114	102	4.45	2.97 – 3.33
DN90 PN30K	162	127	102	92	4.45	2.97 – 3.33
DN90 PN40K	162	127	102	92	4.45	2.97 – 3.33
DN90 PN63K	179	127	102	92	4.45	2.97 – 3.33
DN100 PN10K	159	143	123	115	4.45	2.97 – 3.33
DN100 PN16K	165	152	127	115	4.45	2.97 – 3.33
DN100 PN20K	165	152	127	115	4.45	2.97 – 3.33
DN100 PN30K	172	141	116	104	4.45	2.97 – 3.33
DN100 PN40K	182	141	116	104	4.45	2.97 – 3.33
DN100 PN63K	194	141	116	104	4.45	2.97 – 3.33
DN125 PN10K	190	173	148	140	4.45	2.97 – 3.33
DN125 PN16K	202	177	152	140	4.45	2.97 – 3.33
DN125 PN20K	202	177	152	140	4.45	2.97 – 3.33
DN125 PN30K	207	165	140	128	4.45	2.97 – 3.33
DN125 PN40K	224	165	140	128	4.45	2.97 – 3.33
DN125 PN63K	235	165	140	128	4.45	2.97 – 3.33
DN150 PN10K	220	199	174	166	4.45	2.97 – 3.33
DN150 PN16K	237	214	182	166	4.45	2.97 – 3.33
DN150 PN20K	237	214	182	166	4.45	2.97 – 3.33
DN150 PN30K	249	197	165	153	4.45	2.97 – 3.33
DN150 PN40K	265	197	165	153	4.45	2.97 – 3.33
DN150 PN63K	275	197	165	153	4.45	2.97 – 3.33
DN175 PN10K	245	226	201	-	4.45	2.97 – 3.33
DN175 PN16K	-	-	-	-	4.45	2.97 – 3.33
DN175 PN20K	-	-	-	-	4.45	2.97 – 3.33
DN175 PN30K	294	250	218	202	4.45	2.97 – 3.33
DN175 PN40K	315	250	218	202	4.45	2.97 – 3.33
DN175 PN63K	328	250	218	202	4.45	2.97 – 3.33
DN200 PN10K	270	252	227	217	4.45	2.97 – 3.33
DN200 PN16K	282	265	233	217	4.45	2.97 – 3.33
DN200 PN20K	282	265	233	217	4.45	2.97 – 3.33
DN200 PN30K	360	311	271	251	4.45	2.97 – 3.33
DN200 PN40K	378	311	271	251	4.45	2.97 – 3.33
DN200 PN63K	394	311	271	251	4.45	2.97 – 3.33
DN225 PN10K	290	277	252	-	4.45	2.97 – 3.33
DN225 PN16K	-	-	-	-	4.45	2.97 – 3.33
DN225 PN20K	-	-	-	-	4.45	2.97 – 3.33
DN225 PN30K	418	360	320	300	4.45	2.97 – 3.33
DN225 PN40K	434	360	320	300	4.45	2.97 – 3.33
DN225 PN63K	446	360	320	300	4.45	2.97 – 3.33
DN250 PN10K	332	310	278	268	4.45	2.97 – 3.33
DN250 PN16K	354	328	288	268	4.45	2.97 – 3.33
DN250 PN20K	354	328	288	268	4.45	2.97 – 3.33
DN250 PN30K	463	396	356	336	4.45	2.97 – 3.33
DN250 PN40K	479	396	356	336	4.45	2.97 – 3.33
DN250 PN 63K	488	396	356	336	4.45	2.97 – 3.33
DN300 PN10K	377	361	329	319	4.45	2.97 – 3.33
DN300 PN16K	404	379	339	319	4.45	2.97 – 3.33
DN300 PN20K	404	379	339	319	4.45	2.97 – 3.33

Dimensions of Spiral Wound Gaskets as per JIS B2404 to suit JIS B2220 & JIS B2240 Flanges

SIZE & RATING	OUTER RING OD	GASKET OD	GASKET ID	INNER RING ID	GASKET THICKNESS	RING THICKNESS
	d4	d3	d2	d1	t	t1
DN300 PN30K	524	453	403	383	4.45	2.97 – 3.33
DN300 PN40K	531	453	403	383	4.45	2.97 – 3.33
DN300 PN63K	545	453	403	383	4.45	2.97 – 3.33
DN350 PN10K	422	406	366	356	4.45	2.97 – 3.33
DN350 PN16K	450	416	376	356	4.45	2.97 – 3.33
DN350 PN20K	450	416	376	356	4.45	2.97 – 3.33
DN400 PN10K	484	457	417	407	4.45	2.97 – 3.33
DN400 PN16K	508	482	432	407	4.45	2.97 – 3.33
DN400 PN20K	508	482	432	407	4.45	2.97 – 3.33
DN450 PN10K	539	518	468	458	4.45	2.97 – 3.33
DN450 PN16K	573	533	483	458	4.45	2.97 – 3.33
DN450 PN20K	573	533	483	458	4.45	2.97 – 3.33
DN500 PN10K	594	568	518	508	4.45	2.97 – 3.33
DN500 PN16K	628	583	533	508	4.45	2.97 – 3.33
DN500 PN20K	628	583	533	508	4.45	2.97 – 3.33
DN550 PN10K	650	619	569	559	4.45	2.97 – 3.33
DN550 PN16K	684	634	584	559	4.45	2.97 – 3.33
DN550 PN20K	684	634	584	559	4.45	2.97 – 3.33
DN600 PN10K	700	670	620	610	4.45	2.97 – 3.33
DN600 PN16K	734	685	635	610	4.45	2.97 – 3.33
DN600 PN20K	734	685	635	610	4.45	2.97 – 3.33

Notes:

1. All dimensions are in mm.
2. The gasket thickness tolerance is +0.30/-0.00mm measured across the metallic portion of the gasket, not including the filler, which may protrude slightly beyond the metal.
3. The gasket inside diameter tolerance for DN 10 through DN 200 is ± 0.4 mm; for DN 225 through DN 600, ± 0.8 mm
4. The gasket outside diameter tolerance for DN 10 through DN 200 is ± 0.8 mm; for DN 225 through DN 600, +1.5/-0.8 mm
5. The centering ring outside diameter tolerance is ± 0.8 mm.
6. The centering ring & inner ring thickness tolerance shall be 2.97 - 3.33 mm.
7. The Inner ring inside diameter tolerance for DN 10 through DN 80 is ± 0.8 mm, for DN 90 through DN 600 is ± 1.5 mm.