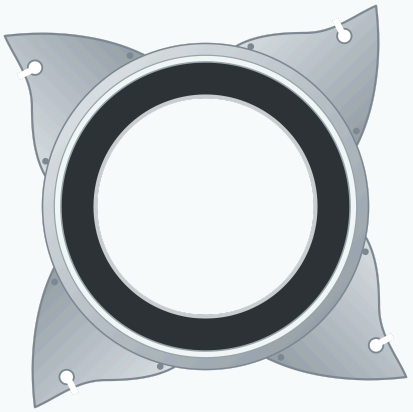
Revoseal Vario Data Sheet

Universal centering system



PRODUCT DESCRIPTION

Centering rings of gaskets with the same nominal size but different pressure classes differ only in their outside diameter. Installing non-matching dimensions can lead to incidents and gasket failure. The Vario centering system prevents incorrect use, reduces the number of gasket types that have to be kept in stock and increases plant availability.

The solution is revoseal's variable Vario centering system.

The shape of the centering segments compensates for different outside diameters. This eliminates the risk of mix-ups and off-centre installation, as well as time-consuming positioning with reduced-shank bolts.

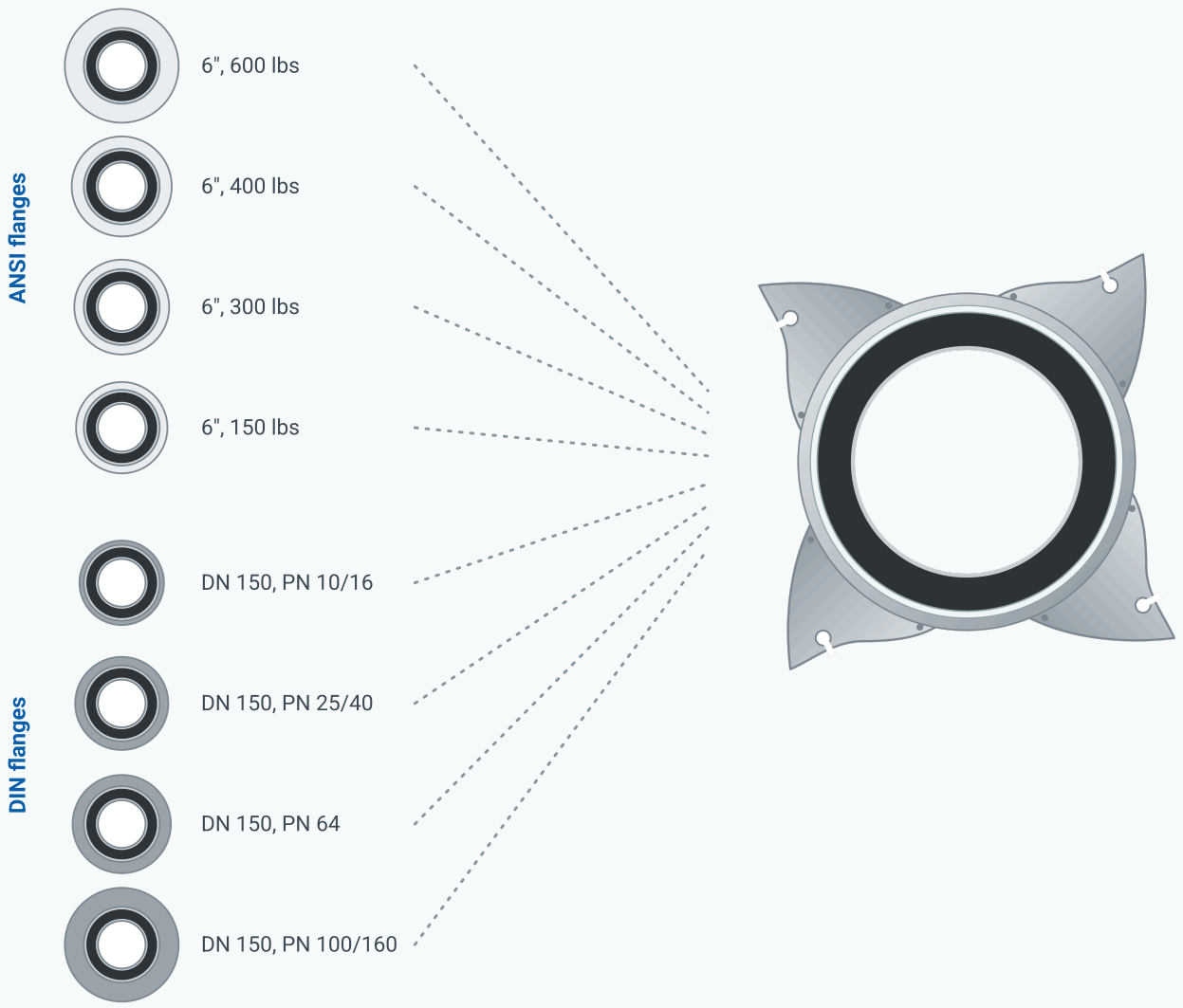
The revoseal Vario centering system is available for the encapsulated profile gaskets JG and JP developed by revoseal.

HIGHLIGHTS

- Significant reduction in the number of variants
- Exact centering of the gasket
- Considerable cost savings in procurement and storage
- No risk of mix-ups
- Easier installation when using reduced-shank bolts

How does the Vario system work?

An example illustrates this: a customer who only has DIN flanges up to PN 160 can replace four gaskets with one gasket featuring the Vario centering system. A customer who only has ANSI flanges up to 600 lbs can likewise replace four gaskets with the Vario centering system. A customer operating both DIN and ANSI flanges in the pressure classes mentioned can replace eight gaskets covering two different standards!



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Pressure class table Vario centering system

for flanges to DIN 2667–2629 series 1, DIN 2627–2629 series 1, DIN 2632–2638 series 1, DIN EN 1092-1, ANSI B 16.5

[DN]	[inch]	PN	lbs	d1	d2
10	1/2	10-160	150-1500	16.7	33.3
15		10-160		22.7	39.3
15		250-400		18.7	34.3
20	3/4	10-40	150-1500	22.7	39.3
25	1	10-250	150-1500	32.7	49.3
25		320-400		36.7	52.3
32	1 1/4	10-40	150-1500	44.7	61.3
40	1 1/2	10-160	150-1500	51.7	68.3
40		250-400		51.7	68.3
50	2	10-160	150-600	63.7	80.3
50	2	250-400	900-1500	63.7	80.3
65	2 1/2	10-250	150-600	79.7	101.3
65		320-400		79.7	101.3
80	3	10-160	150-900	93.7	114.3
80	3	250-400	1500	93.7	120.3
100	4	10-160	150-600	116.7	137.3
100	4	250-400	900-1500	116.7	144.3
125	5	10-160	150-400	148.7	169.3
125	5	250	600-1500	140.7	161.3
150	6	10-160	150-600	164.7	181.3
150	6	250	900-1500	160.7	203.3
150		320-400		160.7	203.3
175		16-160		188.7	209.3

[DN]	[inch]	PN	lbs	d1	d2
200	8	10-160	150-600	220.7	241.3
200	8	250	900-1500	208.7	265.3
200		320		208.7	265.3
200		400		208.7	265.3
250	10	10-40	150-400	266.7	287.3
250	10	64-160	600	262.7	293.3
250	10	250	900-1500	262.7	332.3
300	12	10-40	150-300	318.7	339.3
300	12	64-160	400-600	318.7	355.3
300	12	250	900-1500	320.7	400.3
350	14	10-40	150-300	373.7	394.3
350	14	64-100	400-600	362.7	403.3
	14		1500	362.7	403.3
400	16	10-40	150-300	434.7	459.3
400	16	64	400-900	405.7	455.3
	16		1500	405.7	455.3
	18		150-600	497.7	513.3
500	20	10-40	150-400	528.7	559.3
	20		600-900	528.7	586.3
600	24	10-40	150	628.7	664.3
	24		300-600	628.7	664.3
700		10-40		728.7	770.3
800		10-40		828.7	876.3
900		10-40		928.7	982.3
1000		10-40		1038.7	1098.3

DN / inch = nominal size · d1 = inside diameter · d2 = outside diameter of the graphite facing · Total thickness 3.8 ± 0.1 mm · Other thicknesses available · Also available in other DIN and ANSI dimensions · Design and calculation to revoseal company standard