



HOFFMANN

vor-teil. form. spezialitäten.



Standardteile

V-Ringe

V-Ringe oder auch Axialwellendichtringe sind einfache Lippendichtungen, die durch die axiale Verformung gegen die Gehäuseflächen drücken und untergeordnete Dichtungsaufgaben erfüllen.

Als Sekundärdichtungen von Radialwellendichtringen dienen V-Ringe häufig als Staub- und Spritzschutz. Denn bei hohen Drehzahlen löst sich durch die Zentrifugalkraft die Dichtlippe und wird somit eine berührungsfreie Dichtung, wodurch keine Verlustleistung auftreten kann.

Standardmäßig erhalten Sie die V-Ringe neben vielen unterschiedlichen Abmessungen in 3 verschiedenen Ausführungen (Typ VA, Typ VS und Typ VL), sowie den Werkstoffen NBR schwarz und FKM braun mit der Shorehärte A 60.

Selbstverständlich entsprechen V-Ringe von HOFFMANN den nationalen und internationalen Normen wie der RoHS und REACH Konformität.

V-rings or axial shaft seals are simple lip seals that are pressed by the axial deformation against the housing surfaces and meet subordinate sealing tasks.

As secondary seals of radial shaft sealing rings, v-rings are often used as dust and splash protection. Because at high speeds the sealing lip dissolves by the centrifugal force and becomes a non-contact seal where no power loss may occur.

By default, you get the v-rings in addition to many different dimensions in 3 different versions (type VA, type VS and type VL), as well as the elastomer materials NBR black and FKM brown with shorehardness A 60.

As a matter of course, v-rings from HOFFMANN correspond to national and international standards as RoHS and REACH conformity.

Ihr Ansprechpartner / Please contact:



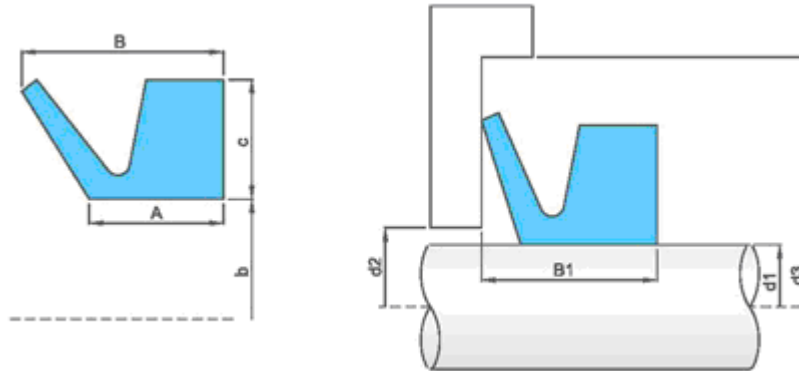
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V-Ringe (Axial-Wellendichtringe) Typ VA [in mm]



Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VA0003	2.7-3.5	2.5	1.5	2.0	3.0	d1+1	d1+4	2.5±0.3
VA0004	3.5-4.5	3.2	2.0	2.4	3.7	d1+1	d1+6	3.0±0.4
VA0005	4.5-5.5	4.0	2.0	2.4	3.7	d1+1	d1+6	3.0±0.4
VA0006	5.5-6.5	5.0	2.0	2.4	3.7	d1+1	d1+6	3.0±0.4
VA0007	6.5-8.0	6.0	2.0	2.4	3.7	d1+1	d1+6	3.0±0.4
VA0008	8.0-9.5	7.0	2.0	2.4	3.7	d1+1	d1+6	3.0±0.4
VA0010	9.5-11.5	9.0	3.0	3.4	5.5	d1+2	d1+9	4.5±0.6
VA0012	11.5-13.5	10.5	3.0	3.4	5.5	d1+2	d1+6	4.5±0.6
VA0013	13.5-15.5	11.7	3.0	3.4	5.5	d1+2	d1+6	4.5±0.6
VA0014	15.5-17.5	12.5	3.0	3.4	5.5	d1+2	d1+6	4.5±0.6
VA0016	15.5-17.5	14.0	3.0	3.4	5.5	d1+2	d1+6	4.5±0.6
VA0018	17.5-19.0	16.0	3.0	3.4	5.5	d1+2	d1+6	4.5±0.6
VA0020	19.0-21.0	18.0	4.0	4.7	7.5	d1+2	d1+12	6.0±0.8
VA0022	21.0-24.0	20.0	4.0	4.7	7.5	d1+2	d1+12	6.0±0.8
VA0025	24.0-27.0	22.0	4.0	4.7	7.5	d1+2	d1+12	6.0±0.8
VA0028	27.0-29.0	25.0	4.0	4.7	7.5	d1+3	d1+12	6.0±0.8
VA0030	29.0-31.0	27.0	4.0	4.7	7.5	d1+3	d1+12	6.0±0.8
VA0032	31.0-33.0	29.0	4.0	4.7	7.5	d1+3	d1+12	6.0±0.8
VA0035	33.0-36.0	31.0	4.0	4.7	7.5	d1+3	d1+12	6.0±0.8
VA0038	36.0-38.0	34.0	4.0	4.7	7.5	d1+3	d1+12	6.0±0.8
VA0040	38.0-43.0	36.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0
VA0045	43.0-48.0	40.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0
VA0050	48.0-53.0	45.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0
VA0055	53.0-58.0	49.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0
VA0060	58.0-63.0	54.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0



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Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VA0065	63.0-68.0	58.0	5.0	5.5	9.0	d1+3	d1+15	7.0±1.0
VA0070	68.0-73.0	63.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0075	73.0-78.0	67.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0080	78.0-83.0	72.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0085	83.0-88.0	76.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0090	88.0-93.0	81.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0095	93.0-98.0	85.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0100	98.0-105.0	90.0	6.0	6.8	11.0	d1+4	d1+18	9.0±1.2
VA0120	115.0-125.0	108.0	7.0	7.9	12.8	d1+4	d1+21	10.5±1.5
VA0130	125.0-135.0	117.0	7.0	7.9	12.8	d1+4	d1+21	10.5±1.5
VA0140	135.0-145.0	126.0	7.0	7.9	12.8	d1+4	d1+21	10.5±1.5
VA0150	145.0-155.0	135.0	7.0	7.9	12.8	d1+4	d1+21	10.5±1.5
VA0160	155.0-165.0	144.0	8.0	9.0	14.5	d1+5	d1+24	12.0±1.8
VA0170	165.0-175.0	153.0	8.0	9.0	14.5	d1+5	d1+24	12.0±1.8
VA0180	175.0-185.0	162.0	8.0	9.0	14.5	d1+5	d1+24	12.0±1.8
VA0190	185.0-195.0	171.0	8.0	9.0	14.5	d1+5	d1+24	12.0±1.8
VA0199	195.0-210.0	180.0	8.0	9.0	14.5	d1+5	d1+24	12.0±1.8
VA0200	190.0-210.0	180.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0220	210.0-235.0	198.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0250	235.0-265.0	225.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0275	265.0-290.0	247.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0300	290.0-310.0	270.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0325	310.0-335.0	292.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0350	335.0-365.0	315.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0375	365.0-390.0	337.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0400	390.0-430.0	360.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0450	430.0-480.0	405.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0500	480.0-530.0	450.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0550	530.0-580.0	495.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0600	580.0-630.0	540.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0650	630.0-665.0	600.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0700	665.0-705.0	630.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0725	705.0-745.0	670.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0750	745.0-785.0	705.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0800	785.0-830.0	745.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0850	830.0-875.0	785.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0

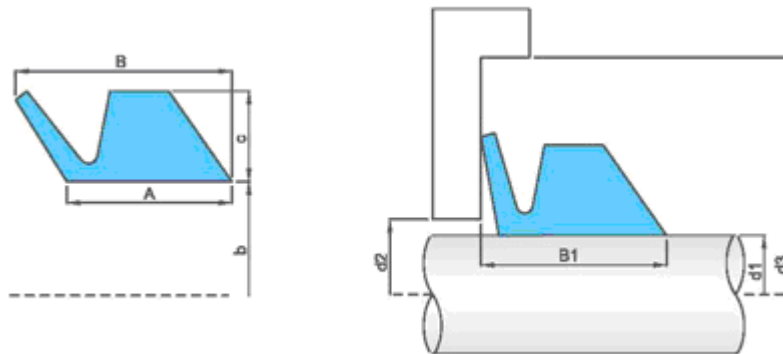


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Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VA0900	875.0-920.0	825.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA0950	920.0-965.0	865.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1000	965.0-1015.0	910.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1050	1015.0-1065.0	955.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1100	1065.0-1115.0	1000.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1150	1115.0-1165.0	1045.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1200	1165.0-1215.0	1090.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1250	1215.0-1270.0	1135.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1300	1270.0-1320.0	1180.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1350	1320.0-1370.0	1225.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1400	1370.0-1420.0	1270.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1450	1420.0-1470.0	1315.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1500	1470.0-1520.0	1360.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1550	1520.0-1570.0	1405.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1600	1570.0-1620.0	1450.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1650	1620.0-1670.0	1495.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1700	1670.0-1720.0	1540.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1750	1720.0-1770.0	1585.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1800	1770.0-1820.0	1630.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1850	1820.0-1870.0	1675.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1900	1870.0-1920.0	1720.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA1950	1920.0-1970.0	1765.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0
VA2000	1970.0-2020.0	1810.0	15.0	14.0	25.0	d1+10	d1+45	20.0±4.0

V-Ringe (Axial-Wellendichtringe) Typ VS [in mm]



Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VS005	4.5 - 5.5	4.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5±0.4
VS006	5.5 - 6.5	5.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5±0.4
VS007	6.5 - 8.0	6.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5±0.4
VS008	8.0 - 9.5	7.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5±0.4
VS010	9.5 - 11.5	9.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7±0.6
VS012	11.5 - 13.5	10.5	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7±0.6
VS014	13.5 - 15.5	12.5	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7±0.6
VS016	15.5 - 17.5	14.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7±0.6
VS018	17.5 - 19.0	16.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7±0.6
VS020	19.0 - 21.0	18.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0±0.8
VS022	21.0 - 24.0	20.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0±0.8
VS025	24.0 - 27.0	22.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0±0.8
VS028	27.0 - 29.0	25.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0±0.8
VS030	29.0 - 31.0	27.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0±0.8
VS032	31.0 - 33.0	29.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0±0.8
VS035	33.0 - 36.0	31.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0±0.8
VS038	36.0 - 38.0	34.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0±0.8
VS040	38.0 - 43.0	36.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS045	43.0 - 48.0	40.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS050	48.0 - 53.0	45.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS055	53.0 - 58.0	49.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS060	58.0 - 63.0	54.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS065	63.0 - 68.0	58.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0±1.0
VS070	68.0 - 73.0	63.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS075	73.0 - 78.0	67.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2

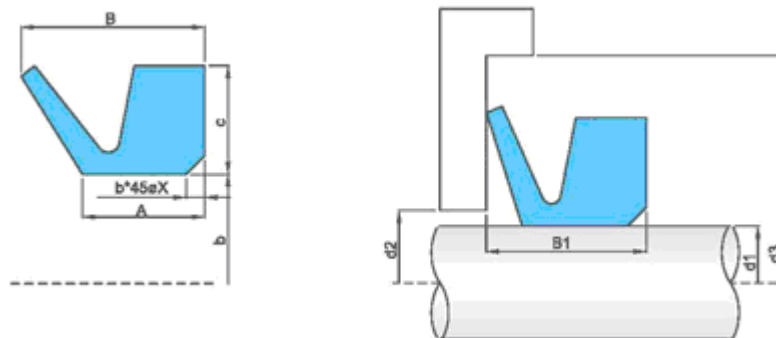


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Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VS080	78.0 - 83.0	72.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS085	83.0 - 88.0	76.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS090	88.0 - 93.0	81.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS095	93.0 - 98.0	85.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS100	98.0 - 105.0	90.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5±1.2
VS110	105.0- 115.0	99.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5±1.5
VS120	115.0- 125.0	108.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5±1.5
VS130	125.0- 135.0	117.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5±1.5
VS140	135.0- 145.0	126.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5±1.5
VS150	145.0- 155.0	135.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5±1.5
VS160	155.0- 165.0	144.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0±1.8
VS170	165.0- 175.0	153.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0±1.8
VS180	175.0- 185.0	162.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0±1.8
VS190	185.0- 195.0	171.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0±1.8
VS199	195.0- 210.0	180.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0±1.8

V-Ringe (Axial-Wellendichtringe) Typ VL [in mm]



Artikel	Ø d1 Welle	Ø b V-Ring	c Profilhöhe	A Profilbasis	B Profilbreite	Ø d2 max.	Ø d3 min.	B1 Einbaubreite
VL110	105.0- 115.0	99.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL120	115.0- 125.0	108.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL130	125.0- 135.0	117.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL140	135.0- 145.0	126.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL150	145.0- 155.0	135.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL160	155.0- 165.0	144.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL170	165.0- 175.0	153.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL180	175.0- 185.0	162.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL190	185.0- 195.0	171.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL200	195.0- 210.0	182.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL220	210.0- 233.0	198.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL250	233.0- 260.0	225.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL275	260.0- 285.0	247.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL300	285.0- 310.0	270.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL325	310.0- 335.0	292.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL350	335.0- 365.0	315.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL375	365.0- 385.0	337.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL400	385.0- 410.0	360.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL425	410.0- 440.0	382.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL450	440.0- 480.0	405.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL500	480.0- 530.0	450.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL525	510.0- 540.0	472.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL550	530.0- 580.0	495.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5
VL600	580.0- 630.0	540.0	6.5	6.0	10.5	c+5	c+20	8.0±1.5