



SHIAN FU ENTERPRISE CO., LTD.

V-ring



COMPANY INTRODUCTION

SES Shian Fu Enterprise Co., Ltd. is a specialized manufacture of Bonded Seals, V-Seals, Valve Seals, Gamma Rings, U-Ring, O-Ring, X-Ring, Wiper Seals, Gasket, Valve Stem Seals, Bushing & Bearing Cover, Gasket, Boots, Oil Seals and other sealing products for both OEM's and aftermarket alike. We produced precision custom designed rubber molded products, maintaining excellent quality and technology and customer satisfy is priority.

SES registered certificated ISO 9001, IATF 16949 and ISO 14001 in 2006.

In view of international developing, we introduce the well-known quality assurance system IATF16949 into our company to control every stage of the process. This is to achieve consistent and reliable services.

In order to stay ahead of our competition, we are purchasing technology equipment as auto-checking machine to provide best quality. Our goal is to get customer's trust as long term cooperation for business partner.

尚福企業股份有限公司是製造華司油封、V型油封、U型環、O型圈、X型圈、刮油環密封、汽門油封、密封墊、襯套和軸承蓋、墊片、防塵套、油封等密封產品為OEM和售後市場的一致好評。我們生產精密訂製設計的橡膠模壓製品，保持優良的品質和技術及客戶滿意是首要之務。我們的產品已成功的銷售並運用在各產業，如汽車、摩托車、農業、機械、飛機、潛艇、軍事、電機工程、工業和全球建築的備件等服務。

SES 於2006年時，通過ISO / TS 16949認證（現在的IATF 16949），及2009年時獲得ISO 14001認證，已實現對環境的承諾。為了保持領先競爭對手，在專業技術上，不斷地提高我們的能力；在技術設備上，我們提升所購買的技術設備、自動檢測機，以滿足我們客戶的需求，並獲得客戶的信任，成為長期合作的貿易夥伴。



QUALITY CONTROL

Process Control and Inspection

Every staff should be responsible for product's quality. Therefore, from raw material incoming to finished part producing, every process is inspected, tested and controlled by QC.

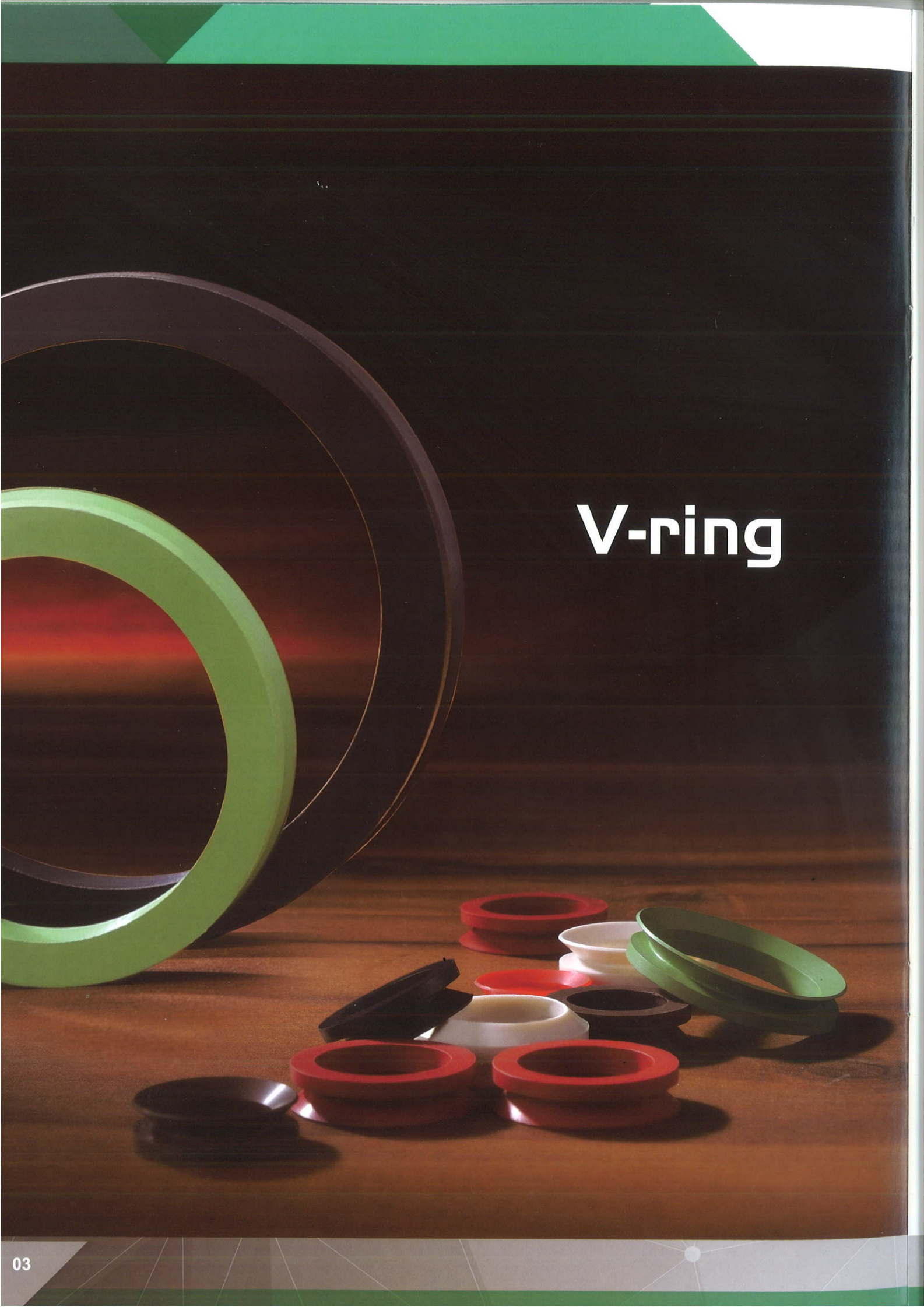
Inspection Equipment



Product Offerings

- | | | |
|----------------|--------------------|---------------------------|
| ■ Bonded Seals | ■ X-Ring | ■ Bushing & Bearing Cover |
| ■ V-Seals | ■ U-Packings | ■ Wiper Seals |
| ■ Gamma Rings | ■ Oil Seals | ■ Hydraulic Seals |
| ■ O-Ring | ■ Valve Stem Seals | ■ Special Packing Series |





V-ring

V-ring

V-ring for shafts requiring a dynamic seal in the axial direction. This type of seal has proved to be reliable and effective against dust, dirt, water and oil splash and other media. The V-ring also performs well in dry running applications. V-rings are flexible rubber seals for easy installation with very little dis-assembly.

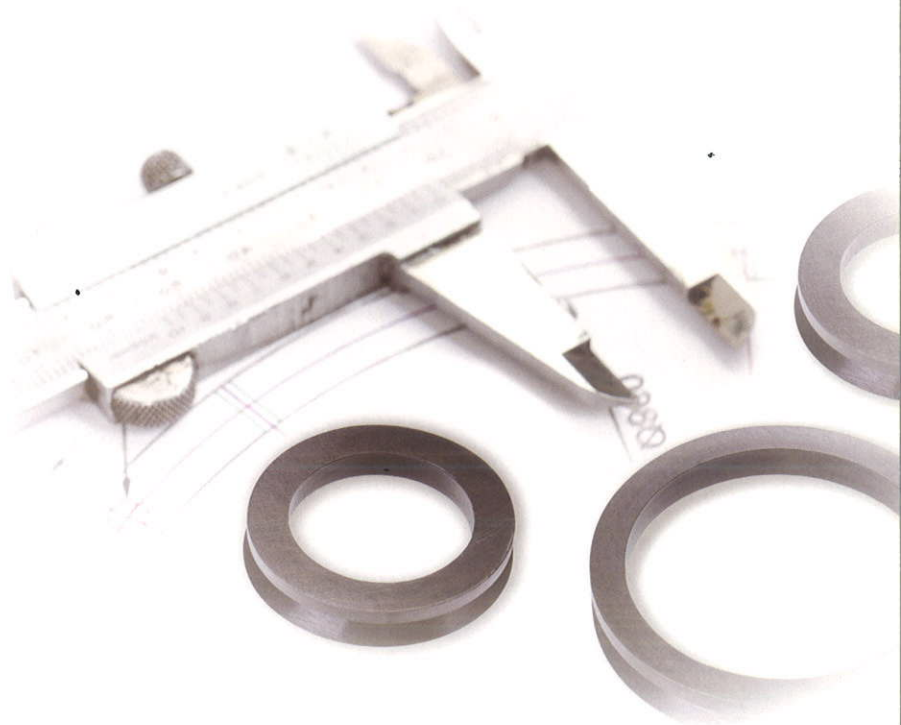
V-ring是一種用於軸上進行動態密封的密封環，這種密封方式對灰塵、污垢、水和油污等介質的阻隔與保護轉軸油封是可靠和有效的。V型環能減少油封和軸承的磨損，延長使用壽命。V型圈是一種柔性橡膠密封圈，非常容易安裝。

PRODUCT ADVANTAGES

- Easy fitting and requires little space
- Excellent durability
- Protects rotary shaft seals from abrasive environmental conditions
- Low friction
- Low-cost sealing solution

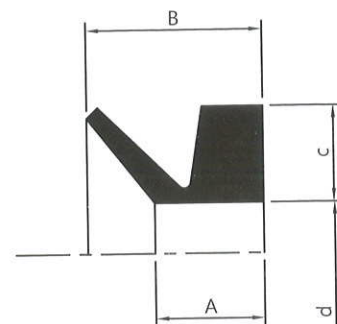
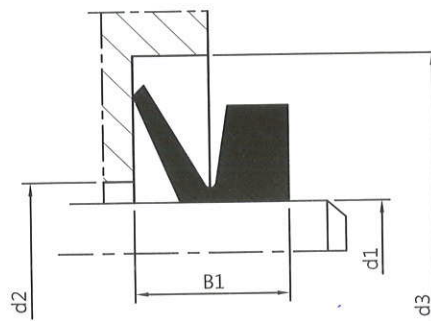
產品優點

- 易於安裝，佔用空間小
- 出色的耐用性
- 保護旋轉油封不過度損耗
- 低摩擦
- 經濟的密封解決方案



▶ V-RING

Dimension table -V-Ring Type VA



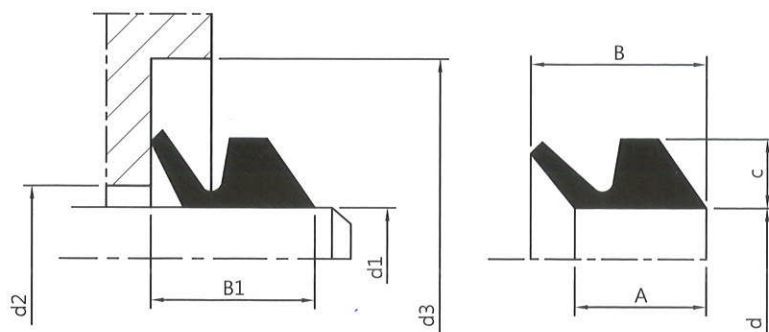
規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VA-003	2.7 - 3.5	2.5	1.5	2.0	3.0	d1 + 1	d1 + 4	2.5 ± 0.3	VR1000003
VA-004	3.5 - 4.5	3.2	2.0	2.4	3.7	d1 + 1	d1 + 6	3.0 ± 0.4	VR1000004
VA-005	4.5 - 5.5	4.0	2.0	2.4	3.7	d1 + 1	d1 + 6	3.0 ± 0.4	VR1000005
VA-006	5.5 - 6.5	5.0	2.0	2.4	3.7	d1 + 1	d1 + 6	3.0 ± 0.4	VR1000006
VA-007	6.5 - 8.0	6.0	2.0	2.4	3.7	d1 + 1	d1 + 6	3.0 ± 0.4	VR1000007
VA-008	8.0 - 9.5	7.0	2.0	2.4	3.7	d1 + 1	d1 + 6	3.0 ± 0.4	VR1000008
VA-010	9.5 - 11.5	9.0	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000010
VA-012	11.5 - 13.5	10.5	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000012
VA-013	12.5 - 14.5	11.7	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000013
VA-014	13.5 - 15.5	12.5	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000014
VA-016	15.5 - 17.5	14.0	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000016
VA-018	17.5 - 19.0	16.0	3.0	3.4	5.5	d1 + 2	d1 + 9	4.5 ± 0.6	VR1000018
VA-020	19.0 - 21.0	18.0	4.0	4.7	7.5	d1 + 2	d1 + 12	6.0 ± 0.8	VR1000020
VA-022	21.0 - 24.0	20.0	4.0	4.7	7.5	d1 + 2	d1 + 12	6.0 ± 0.8	VR1000022
VA-025	24.0 - 27.0	22.0	4.0	4.7	7.5	d1 + 2	d1 + 12	6.0 ± 0.8	VR1000025
VA-028	27.0 - 29.0	25.0	4.0	4.7	7.5	d1 + 3	d1 + 12	6.0 ± 0.8	VR1000028
VA-030	29.0 - 31.0	27.0	4.0	4.7	7.5	d1 + 3	d1 + 12	6.0 ± 0.8	VR1000030
VA-032	31.0 - 33.0	29.0	4.0	4.7	7.5	d1 + 3	d1 + 12	6.0 ± 0.8	VR1000032
VA-035	33.0 - 36.0	31.0	4.0	4.7	7.5	d1 + 3	d1 + 12	6.0 ± 0.8	VR1000035
VA-038	36.0 - 38.0	34.0	4.0	4.7	7.5	d1 + 3	d1 + 12	6.0 ± 0.8	VR1000038
VA-040	38.0 - 43.0	36.0	5.0	5.5	9.0	d1 + 3	d1 + 15	7.0 ± 1.0	VR1000040
VA-045	43.0 - 48.0	40.0	5.0	5.5	9.0	d1 + 3	d1 + 15	7.0 ± 1.0	VR1000045
VA-050	48.0 - 53.0	45.0	5.0	5.5	9.0	d1 + 3	d1 + 15	7.0 ± 1.0	VR1000050

規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VA-055	53.0 - 58.0	49.0	5.0	5.5	9.0	d1+ 3	d1 + 15	7.0 ± 1.0	VR1000055
VA-060	58.0 - 63.0	54.0	5.0	5.5	9.0	d1+ 3	d1 + 15	7.0 ± 1.0	VR1000060
VA-065	63.0 - 68.0	58.0	5.0	5.5	9.0	d1+ 3	d1 + 15	7.0 ± 1.0	VR1000065
VA-070	68.0 - 73.0	63.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000070
VA-075	73.0 - 78.0	67.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000075
VA-080	78.0 - 83.0	72.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000080
VA-085	83.0 - 88.0	76.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000085
VA-090	88.0 - 93.0	81.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000090
VA-095	93.0 - 98.0	85.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000095
VA-100	98.0 - 105.0	90.0	6.0	6.8	11.0	d1+ 4	d1 + 18	9.0 ± 1.2	VR1000100
VA-110	105.0 - 115.0	99.0	7.0	7.9	12.8	d1+ 4	d1 + 21	10.5 ± 1.5	VR1000110
VA-120	115.0 - 125.0	108.0	7.0	7.9	12.8	d1+ 4	d1 + 21	10.5 ± 1.5	VR1000120
VA-130	125.0 - 135.0	117.0	7.0	7.9	12.8	d1+ 4	d1 + 21	10.5 ± 1.5	VR1000130
VA-140	135.0 - 145.0	126.0	7.0	7.9	12.8	d1+ 4	d1 + 21	10.5 ± 1.5	VR1000140
VA-150	145.0 - 155.0	135.0	7.0	7.9	12.8	d1+ 4	d1 + 21	10.5 ± 1.5	VR1000150
VA-160	155.0 - 165.0	144.0	8.0	9.0	14.5	d1+ 5	d1 + 24	12.0 ± 1.8	VR1000160
VA-170	165.0 - 175.0	153.0	8.0	9.0	14.5	d1+ 5	d1 + 24	12.0 ± 1.8	VR1000170
VA-180	175.0 - 185.0	162.0	8.0	9.0	14.5	d1+ 5	d1 + 24	12.0 ± 1.8	VR1000180
VA-190	185.0 - 195.0	171.0	8.0	9.0	14.5	d1+ 5	d1 + 24	12.0 ± 1.8	VR1000190
VA-199	195.0 - 210.0	180.0	8.0	9.0	14.5	d1+ 5	d1 + 24	12.0 ± 1.8	VR1000199
VA-200	190.0 - 210.0	180.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000200
VA-220	210.0 - 235.0	198.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000220
VA-250	235.0 - 265.0	225.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000250
VA-275	265.0 - 290.0	247.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000275
VA-300	290.0 - 310.0	270.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000300
VA-325	310.0 - 335.0	292.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000325
VA-350	335.0 - 365.0	315.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000350
VA-375	365.0 - 390.0	337.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000375

規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VA-400	390.0 - 430.0	360.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000400
VA-450	430.0 - 480.0	405.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000450
VA-500	480.0 - 530.0	450.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000500
VA-550	530.0 - 580.0	495.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000550
VA-600	580.0 - 630.0	540.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000600
VA-650	630.0 - 665.0	600.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000650
VA-700	665.0 - 705.0	630.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000700
VA-725	705.0 - 745.0	670.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000725
VA-750	745.0 - 785.0	705.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000750
VA-800	785.0 - 830.0	745.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000800
VA-850	830.0 - 875.0	785.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000850
VA-900	875.0 - 920.0	825.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000900
VA-950	920.0 - 965.0	865.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1000950
VA-1000	965.0 - 1015.0	910.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001000
VA-1050	1015.0 - 1065.0	955.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001050
VA-1100	1065.0 - 1115.0	1000.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001100
VA-1150	1115.0 - 1165.0	1045.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001150
VA-1200	1165.0 - 1215.0	1090.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001200
VA-1250	1215.0 - 1270.0	1135.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001250
VA-1300	1270.0 - 1320.0	1180.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001300
VA-1350	1320.0 - 1370.0	1225.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001350
VA-1400	1370.0 - 1420.0	1270.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001400
VA-1450	1420.0 - 1470.0	1315.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001450
VA-1500	1470.0 - 1520.0	1360.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001500
VA-1550	1520.0 - 1570.0	1405.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001550
VA-1600	1570.0 - 1620.0	1450.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001600
VA-1650	1620.0 - 1670.0	1495.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001650
VA-1700	1670.0 - 1720.0	1540.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001700
VA-1750	1720.0 - 1770.0	1585.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001750
VA-1800	1770.0 - 1820.0	1630.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001800
VA-1850	1820.0 - 1870.0	1675.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001850
VA-1900	1870.0 - 1920.0	1720.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001900
VA-1950	1920.0 - 1970.0	1765.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1001950
VA-2000	1970.0 - 2020.0	1810.0	15.0	14.0	25.0	d1+ 10	d1 + 45	20.0 ± 4.0	VR1002000

V-RING

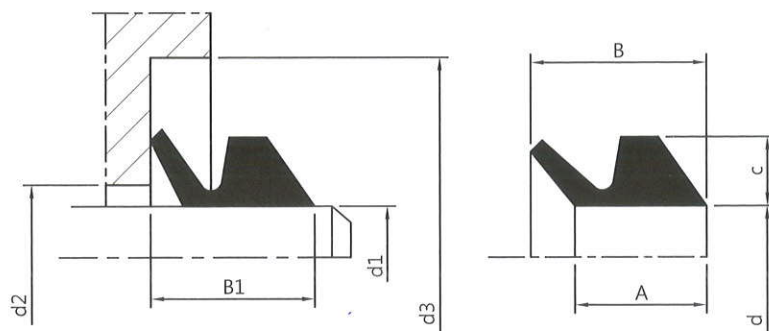
Dimension table -V-Ring Type VS



規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VS-005	4.5 - 5.5	4.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5 ± 0.4	VR200005
VS-006	5.5 - 6.5	5.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5 ± 0.4	VR200006
VS-007	6.5 - 8.0	6.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5 ± 0.4	VR200007
VS-008	8.0 - 9.5	7.0	2.0	3.9	5.2	d1 + 1	d1 + 6	4.5 ± 0.4	VR200008
VS-010	9.5 - 11.5	9.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7 ± 0.6	VR200010
VS-012	11.5 - 13.5	10.5	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7 ± 0.6	VR200012
VS-014	13.5 - 15.5	12.5	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7 ± 0.6	VR200014
VS-016	15.5 - 17.5	14.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7 ± 0.6	VR200016
VS-018	17.5 - 19.0	16.0	3.0	5.6	7.7	d1 + 2	d1 + 9	6.7 ± 0.6	VR200018
VS-020	19.0 - 21.0	18.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0 ± 0.8	VR200020
VS-022	21.0 - 24.0	20.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0 ± 0.8	VR200022
VS-025	24.0 - 27.0	22.0	4.0	7.9	10.5	d1 + 2	d1 + 12	9.0 ± 0.8	VR200025
VS-028	27.0 - 29.0	25.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0 ± 0.8	VR200028
VS-030	29.0 - 31.0	27.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0 ± 0.8	VR200030
VS-032	31.0 - 33.0	29.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0 ± 0.8	VR200032
VS-035	33.0 - 36.0	31.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0 ± 0.8	VR200035
VS-038	36.0 - 38.0	34.0	4.0	7.9	10.5	d1 + 3	d1 + 12	9.0 ± 0.8	VR200038
VS-040	38.0 - 43.0	36.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200040
VS-045	43.0 - 48.0	40.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200045
VS-050	48.0 - 53.0	45.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200050
VS-055	53.0 - 58.0	49.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200055
VS-060	58.0 - 63.0	54.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200060

▶ V-RING

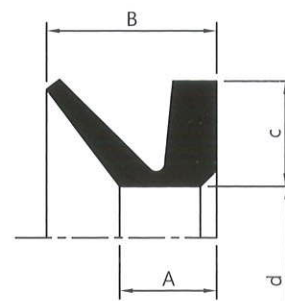
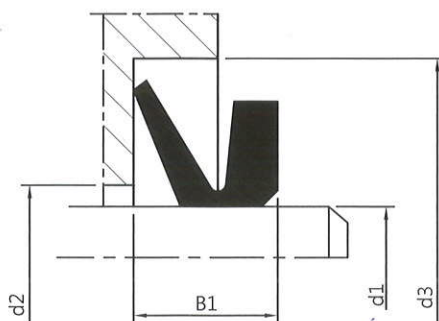
Dimension table -V-Ring Type VS



規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VS-065	63.0 - 68.0	58.0	5.0	9.5	13.0	d1 + 3	d1 + 15	11.0 ± 1.0	VR200065
VS-070	68.0 - 73.0	63.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200070
VS-075	73.0 - 78.0	67.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200075
VS-080	78.0 - 83.0	72.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200080
VS-085	83.0 - 88.0	76.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200085
VS-090	88.0 - 93.0	81.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200090
VS-095	93.0 - 98.0	85.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200095
VS-100	98.0 - 105.0	90.0	6.0	11.3	15.5	d1 + 4	d1 + 18	13.5 ± 1.2	VR200100
VS-110	105.0 - 115.0	99.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5 ± 1.5	VR200110
VS-120	115.0 - 125.0	108.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5 ± 1.5	VR200120
VS-130	125.0 - 135.0	117.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5 ± 1.5	VR200130
VS-140	135.0 - 145.0	126.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5 ± 1.5	VR200140
VS-150	145.0 - 155.0	135.0	7.0	13.1	18.0	d1 + 4	d1 + 21	15.5 ± 1.5	VR200150
VS-160	155.0 - 165.0	144.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0 ± 1.8	VR200160
VS-170	165.0 - 175.0	153.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0 ± 1.8	VR200170
VS-180	175.0 - 185.0	162.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0 ± 1.8	VR200180
VS-190	185.0 - 195.0	171.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0 ± 1.8	VR200190
VS-199	195.0 - 210.0	180.0	8.0	15.0	20.5	d1 + 5	d1 + 24	18.0 ± 1.8	VR200199

V-RING

Dimension table -V-Ring Type VL



規格	d1	d	C	A	B	d2	d3	B1	SES P/N.
VL-110	105.0 - 115.0	99.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300110
VL-120	115.0 - 125.0	108.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300120
VL-130	125.0 - 135.0	117.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300130
VL-140	135.0 - 145.0	126.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300140
VL-150	145.0 - 155.0	135.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300150
VL-160	155.0 - 165.0	144.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300160
VL-170	165.0 - 175.0	153.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300170
VL-180	175.0 - 185.0	162.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300180
VL-190	185.0 - 195.0	171.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300190
VL-200	195.0 - 210.0	182.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300200
VL-220	210.0 - 233.0	198.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300220
VL-250	233.0 - 260.0	225.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300250
VL-275	260.0 - 285.0	247.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300275
VL-300	285.0 - 310.0	270.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300300
VL-325	310.0 - 335.0	292.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300325
VL-350	335.0 - 365.0	315.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300350
VL-375	365.0 - 385.0	337.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300375
VL-400	385.0 - 410.0	360.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300400
VL-425	410.0 - 440.0	382.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300425
VL-450	440.0 - 480.0	405.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300450
VL-500	480.0 - 530.0	450.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300500
VL-525	510.0 - 540.0	472.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300525
VL-550	530.0 - 580.0	495.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300550
VL-600	580.0 - 630.0	540.0	6.5	6.0	10.5	C + 5	C + 20	8.0 ± 1.5	VR300600