

V RINGS

Axial seal for shafts and bearings

It seals axially against a counterface. This type of seal has proved to be reliable and effective against dust, dirt, water, oil splash and other media.

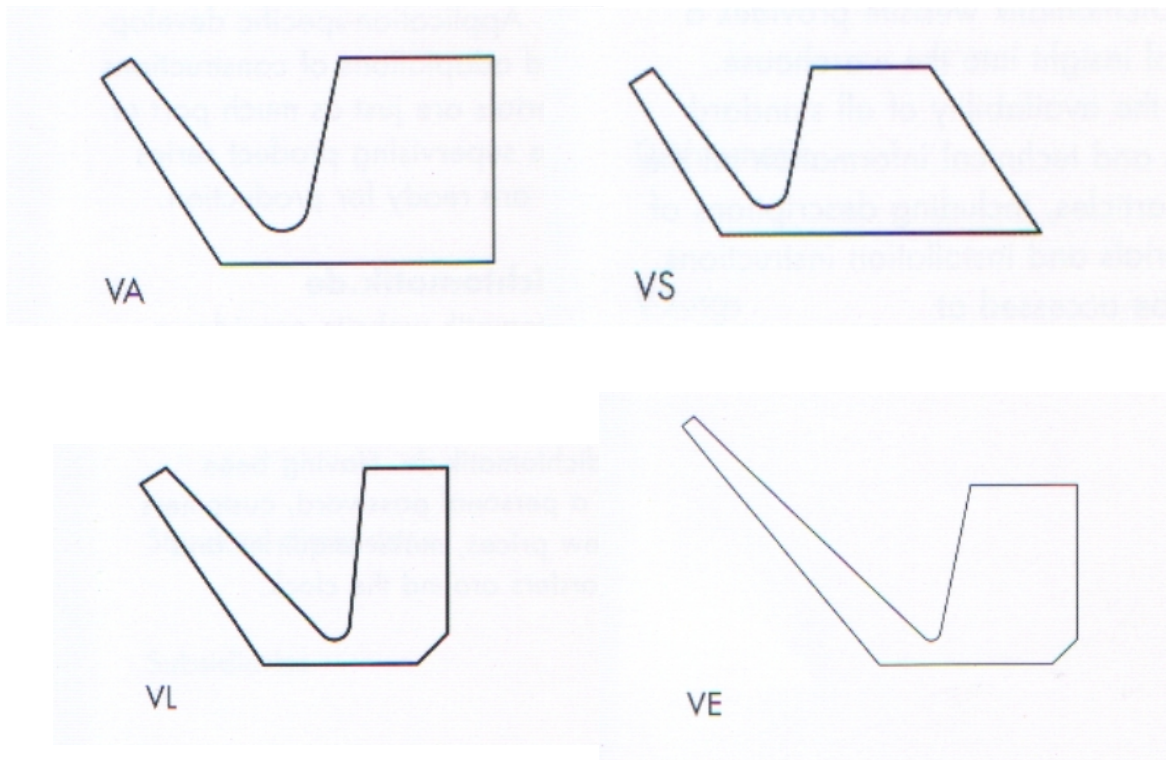
VA - perpendicular backface.

VS - wider angled body ensures higher radial force than the VA type

VL - used where space is at a premium

VE - heavy duty

Profiles:



Available Sizes

VA	3 - 2020 mm shafts
VS	5 - 2010 mm shafts
VL	105 - 630 mm shafts
VE	450 - 2010 mm shafts

VA



REFERENCE	SHAFT		RING DIMENSIONS			
	DIAMETER		ID	OD	SHOULDER HEIGHT	OVERALL HEIGHT
VA 3	2.7	- 3.5	2.5	5.5	2.1	3
VA 4	3.5	- 4.5	3.2	7.2	2.4	3.7
VA 5	4.5	- 5.5	4	8	2.4	3.7
VA 6	5.5	- 6.5	5	9	2.4	3.7
VA 7	6.5	- 8	6	10	2.4	3.7
VA 8	8	- 9.5	7	11	2.4	3.7
VA 10	9.5	- 11.5	9	15	3.4	5.5
VA 12	11.5	- 13.5	10.5	16.5	3.4	5.5
VA 14	13.5	- 15.5	12.5	18.5	3.4	5.5
VA 16	15.5	- 17.5	14	20	3.4	5.5
VA 18	17.5	- 19	16	22	3.4	5.5
VA 20	19	- 21	18	26	4.7	7.5
VA 22	21	- 24	20	28	4.7	7.5
VA 25	24	- 27	22	30	4.7	7.5
VA 28	27	- 29	25	33	4.7	7.5
VA 30	29	- 31	27	35	4.7	7.5
VA 32	31	- 33	29	37	4.7	7.5
VA 35	33	- 36	31	39	4.7	7.5
VA 38	36	- 38	34	42	4.7	7.5
VA 40	38	- 43	36	46	5.5	9
VA 45	43	- 48	40	50	5.5	9
VA 50	48	- 53	45	55	5.5	9
VA 55	53	- 58	49	59	5.5	9
VA 60	58	- 63	54	64	5.5	9
VA 65	63	- 68	58	68	5.5	9
VA 70	68	- 73	63	75	6.8	11
VA 75	73	- 78	67	79	6.8	11
VA 80	78	- 83	72	84	6.8	11
VA 85	83	- 88	76	88	6.8	11
VA 90	88	- 93	81	93	6.8	11
VA 95	93	- 98	85	97	6.8	11
VA 100	98	- 105	90	102	6.8	11
VA 110	105	- 115	99	113	7.9	12.8
VA 120	115	- 125	108	122	7.9	12.8
VA 130	125	- 135	117	131	7.9	12.8
VA 140	135	- 145	126	140	7.9	12.8
VA 150	145	- 155	135	149	7.9	12.8
VA 160	155	- 165	144	160	9	14.5
VA 170	165	- 175	153	169	9	14.5
VA 180	175	- 185	162	178	9	14.5
VA 190	185	- 195	171	187	9	14.5
VA 199	195	- 210	180	196	9	14.5

VA



REFERENCE	SHAFT		RING DIMENSIONS			
	DIAMETER		ID	OD	SHOULDER HEIGHT	OVERALL HEIGHT
VA 200	190	- 210	180	210	14.3	25
VA 220	210	- 235	198	228	14.3	25
VA 250	235	- 265	225	255	14.3	25
VA 275	265	- 290	247	277	14.3	25
VA 300	290	- 310	270	300	14.3	25
VA 325	310	- 335	292	322	14.3	25
VA 350	335	- 365	315	345	14.3	25
VA 375	365	- 390	337	367	14.3	25
VA 400	390	- 430	360	390	14.3	25
VA 450	430	- 480	405	435	14.3	25
VA 500	480	- 530	450	480	14.3	25
VA 550	530	- 580	495	525	14.3	25
VA 600	580	- 630	540	570	14.3	25
VA 650	630	- 665	600	630	14.3	25
VA 700	665	- 705	630	660	14.3	25
VA 725	705	- 745	670	700	14.3	25
VA 750	745	- 785	705	735	14.3	25
VA 800	785	- 830	745	775	14.3	25
VA 850	830	- 875	785	815	14.3	25
VA 900	875	- 920	825	855	14.3	25
VA 950	920	- 965	865	895	14.3	25
VA 1000	965	- 1015	910	940	14.3	25
VA 1050	1015	- 1065	955	985	14.3	25
VA 1100	1065	- 1115	1000	1030	14.3	25
VA 1150	1115	- 1165	1045	1075	14.3	25
VA 1200	1165	- 1215	1090	1120	14.3	25
VA 1250	1215	- 1270	1135	1165	14.3	25
VA 1300	1270	- 1320	1180	1210	14.3	25
VA 1350	1320	- 1370	1225	1255	14.3	25
VA 1400	1370	- 1420	1270	1300	14.3	25
VA 1450	1420	- 1470	1315	1345	14.3	25
VA 1500	1470	- 1520	1360	1390	14.3	25
VA 1550	1520	- 1570	1405	1435	14.3	25
VA 1600	1570	- 1620	1450	1480	14.3	25
VA 1650	1620	- 1670	1495	1525	14.3	25
VA 1700	1670	- 1720	1540	1570	14.3	25
VA 1750	1720	- 1770	1585	1615	14.3	25
VA 1800	1770	- 1820	1630	1660	14.3	25
VA 1850	1820	- 1870	1675	1705	14.3	25
VA 1900	1870	- 1920	1720	1750	14.3	25
VA 1950	1920	- 1970	1765	1795	14.3	25
VA 2000	1970	- 2020	1810	1840	14.3	25

VS



REFERENCE	SHAFT		RING DIMENSIONS			
	DIAMETER		ID	OD	SHOULDER HEIGHT	OVERALL HEIGHT
VS 5	4.5	- 5.5	4	8	3.9	5.2
VS 6	5.5	- 6.5	5	9	3.9	5.2
VS 7	6.5	- 8	6	10	3.9	5.2
VS 8	8	- 9.5	7	11	3.9	5.2
VS 10	9.5	- 11.5	9	15	5.6	7.7
VS 12	11.5	- 13.5	10.5	16.5	5.6	7.7
VS 14	13.5	- 15.5	12.5	18.5	5.6	7.7
VS 16	15.5	- 17.5	14	20	5.6	7.7
VS 18	17.5	- 19	16	22	5.6	7.7
VS 20	19	- 21	18	26	7.9	10.5
VS 22	21	- 24	20	28	7.9	10.5
VS 25	24	- 27	22	30	7.9	10.5
VS 28	27	- 29	25	33	7.9	10.5
VS 30	29	- 31	27	35	7.9	10.5
VS 32	31	- 33	29	37	7.9	10.5
VS 35	33	- 36	31	39	7.9	10.5
VS 38	36	- 38	34	42	7.9	10.5
VS 40	38	- 43	36	46	9.5	13
VS 45	43	- 48	40	50	9.5	13
VS 50	48	- 53	45	55	9.5	13
VS 55	53	- 58	49	59	9.5	13
VS 60	58	- 63	54	64	9.5	13
VS 65	63	- 68	58	68	9.5	13
VS 70	68	- 73	63	75	11.3	15.5
VS 75	73	- 78	67	79	11.3	15.5
VS 80	78	- 83	72	84	11.3	15.5
VS 85	83	- 88	76	88	11.3	15.5
VS 90	88	- 93	81	93	11.3	15.5
VS 95	93	- 98	85	97	11.3	15.5
VS 100	98	- 105	90	102	11.3	15.5
VS 110	105	- 115	99	113	13.1	18
VS 120	115	- 125	108	122	13.1	18
VS 130	125	- 135	117	131	13.1	18
VS 140	135	- 145	126	140	13.1	18
VS 150	145	- 155	135	149	13.1	18
VS 160	155	- 165	144	160	15	20.5
VS 170	165	- 175	153	169	15	20.5
VS 180	175	- 185	162	178	15	20.5
VS 190	185	- 195	171	187	15	20.5
VS 199	195	- 210	180	196	15	20.5



VL

REFERENCE	SHAFT		RING DIMENSIONS			
	DIAMETER		ID	OD	SHOULDER HEIGHT	OVERALL HEIGHT
VL 110	105	- 115	99	105.5	6	10.5
VL 120	115	- 125	108	114.5	6	10.5
VL 130	125	- 135	117	123.5	6	10.5
VL 140	135	- 145	126	132.5	6	10.5
VL 150	145	- 155	135	141.5	6	10.5
VL 160	155	- 165	144	150.5	6	10.5
VL 170	165	- 175	153	159.5	6	10.5
VL 180	175	- 185	162	168.5	6	10.5
VL 190	185	- 195	171	177.5	6	10.5
VL 200	195	- 210	182	188.5	6	10.5
VL 220	210	- 233	198	204.5	6	10.5
VL 250	233	- 260	225	231.5	6	10.5
VL 275	260	- 285	247	253.5	6	10.5
VL 300	285	- 310	270	276.5	6	10.5
VL 325	310	- 325	292	298.5	6	10.5
VL 350	325	- 365	315	321.5	6	10.5
VL 375	365	- 385	337	343.5	6	10.5
VL 400	385	- 410	360	366.5	6	10.5
VL 425	410	- 440	382	388.5	6	10.5
VL 450	440	- 475	405	411.5	6	10.5
VL 500	475	- 510	450	456.5	6	10.5
VL 525	510	- 540	472	478.5	6	10.5
VL 550	540	- 575	485	501.5	6	10.5
VL 600	575	- 630	540	546.5	6	10.5