

**ANELLI DI TENUTA PER BUSSE DI SCORRIMENTO
(SERIE VB - VCW - VC)**

SEALS FOR SLIDING BALL BUSHING (VB - VCW - VC SERIES)





Gli anelli di tenuta per movimenti assiali sono costituiti da inserto metallico in acciaio, da un rivestimento in elastomero e da un labbro di tenuta senza molla con speciale interferenza, che garantisce un bassissimo assorbimento di potenza. L'anello di tenuta deve avere il labbro rivolto verso il fluido da tenere, oppure verso l'esterno, se deve effettuare la tenuta di infiltrazioni provenienti dall'ambiente esterno.

Specifiche tecniche:

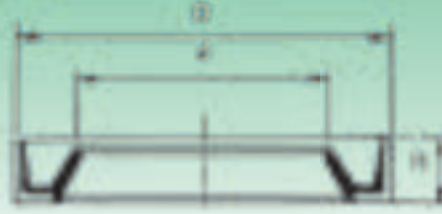
- Materiali: NBR -40 ÷ + 120°C
FKM -30 ÷ +200°C
- Velocità di esercizio: 8 m/s
- Pressione d'esercizio: 0 kg/cm²

These seals suitable for axial movements applications, consist of a metal case with rubber covered and a single thin lip, without spring that, together with minimal interference, has very low frictional loss.

Seals can be fitted with the lip in front of the fluid to be sealed or toward the outside to protect from dust and dirt.

Technical data:

- Compounds: NBR -40 ÷ + 120°C
FKM -30 ÷ +200°C
- Speed limit: 8 m/s
- Pressure: 0 kg/cm²


VB - Armatura esterna in metallo
Metal outer diameter

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

VB	4.00	8.00	2.00
VB	4.80	12.70	3.20
VB	5.00	9.00	2.00
VB	5.00	10.00	2.00
VB	6.00	10.00	2.00
VB	6.00	12.00	2.00
VB	6.40	15.88	4.00
VB	7.00	11.00	2.00
VB	7.00	14.00	2.00
VB	7.90	12.70	2.50
VB	7.90	15.88	3.80
VB	8.00	12.00	3.00
VB	8.00	14.00	4.00
VB	9.00	12.65	3.00
VB	9.00	13.00	3.00
VB	9.50	14.29	2.40
VB	9.50	16.51	2.70
VB	9.50	19.05	6.40
VB	9.50	22.23	6.40
VB	9.50	23.81	4.80
VB	9.53	15.88	3.20
VB	10.00	14.00	3.00
VB	10.00	15.00	3.00
VB	10.00	16.00	4.00
VB	10.00	17.00	3.00
VB	10.20	26/34	4.50
VB	11.00	15.00	3.00
VB	11.00	17.00	3.00

VB	11.10	15.88	3.20
VB	11.10	16.50	2.50
VB	11.10	17.46	3.20
VB	11.10	21.23	4.80
VB	11.50	22.23	4.80
VB	11.90	18.24	3.20
VB	11.91	17.86	3.20
VB	11.91	22.23	5.60
VB	12.00	16.00	3.00
VB	12.00	18.00	3.00
VB	12.00	18.00	5.00
VB	12.00	19.00	3.00
VB	12.00	20.00	5.00
VB	12.70	19.05	3.20
VB	12.70	19.75	5.00
VB	12.70	22.23	5.60
VB	12.70	22.23	6.40
VB	13.00	20.00	5.00
VB	13.00	32.00	10.50
VB	13.49	22.23	3.20
VB	14.00	18.00	3.20
VB	14.00	20.00	3.00
VB	14.00	22.00	3.00
VB	14.00	22.00	4.00
VB	14.29	22.23	4.80
VB	14.50	32.00	10.60
VB	15.00	21.00	3.00
VB	15.00	22.00	4.00

VB	15.00	32.00	6.00
VB	15.88	20.64	2.40
VB	15.88	22.23	3.20
VB	15.88	23.81	4.40
VB	15.88	25.40	3.20
VB	15.88	25.40	6.40
VB	15.88	26.99	4.80
VB	16.00	22.00	3.00
VB	16.00	24.00	3.00
VB	16.00	24.00	4.00
VB	16.00	30.00	4.50
VB	16.50	21.45	3.00
VB	17.00	20.80	3.20
VB	17.00	21.50	3.00
VB	17.00	23.00	3.00
VB	17.46	25.37	4.80
VB	17.46	28.55	6.40
VB	17.78	23.81	4.80
VB	18.00	26.00	4.00
VB	18.30	38.10	6.40
VB	18.50	32.00	10.60
VB	19.00	27.00	4.00
VB	19.05	25.37	3.20
VB	19.05	25.40	3.20
VB	19.05	25.40	3.20
VB	19.05	26.47	4.10
VB	19.05	28.55	4.00
VB	19.05	28.58	4.40

VB	19.05	30.16	4.00
VB	19.05	38.07	6.40
VB	19.84	27.10	4.60
VB	19.84	31.75	3.20
VB	20.00	26.00	4.00
VB	20.00	28.00	4.00
VB	22.00	28.00	4.00
VB	22.00	30.00	4.00
VB	22.00	32.00	3.00
VB	22.23	28.58	3.20
VB	22.23	28.58	6.40
VB	22.23	30.16	4.00
VB	22.23	30.16	4.80
VB	22.23	33.22	6.40
VB	22.23	34.93	6.40
VB	22.23	36.51	6.40
VB	22.86	38.10	6.40
VB	24.60	31.75	3.20
VB	25.00	32.00	4.00
VB	25.00	32.00	5.00
VB	25.00	34.00	5.00
VB	25.00	35.00	4.00
VB	25.00	35.00	5.00
VB	25.00	39.00	6.5/5.5
VB	25.40	31.75	3/3.2
VB	25.40	31.75	3.20
VB	25.40	34.93	4.80
VB	26.00	31.00	3.00

VB = Corrispondente GR INA
 VB = GR equivalent INA



VC

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

Tipo Type	Dimensioni <i>Dimensions</i> (mm)		
	Diametro <i>Diameter</i>		H
	d	D	

VC	3.18	12.70	6.40
VC	4.00	9.00	3.00
VC	4.00	18.00	4.00
VC	4.50	26.00	5.00
VC	4.50	26.00	8.00
VC	4.80	14.50	4.00
VC	4.80	15.00	4.00
VC	5.00	10.00	4.00
VC	5.00	11.00	3.00
VC	5.00	14.00	4.00
VC	5.00	15.00	6.00
VC	5.50	9.00	3.00
VC	5.50	11.00	4.00
VC	6.00	10.00	2.50
VC	6.00	11.00	4.00
VC	6.00	11.00	4.50
VC	6.00	12.00	5.00
VC	6.00	14.00	4.00
VC	6.00	18.00	4.50
VC	6.00	19.00	5.00
VC	6.00	19.00	7.00
VC	6.00	22.00	7.00
VC	6.35	12.67	4.80
VC	6.40	12.70	3.20
VC	6.40	19.05	6.40
VC	7.00	13.00	4.00
VC	7.00	14.00	4.00
VC	7.00	20.00	5.00
VC	7.50	19.00	4.50
VC	7.80	13.70	2.50
VC	7.90	11.00	2.00
VC	7.90	14.28	6.00
VC	7.94	12.70	3.20
VC	8.00	12.00	3.00
VC	8.00	12.00	4.00
VC	8.00	14.00	4.00

VC	8.00	15.00	5.00
VC	8.00	16.00	4.00
VC	8.00	17.80	5.00
VC	8.60	14.00	3.00
VC	8.85	17.00	4.00
VC	8.85	20.00	4.00
VC	9.00	17.50	4.00
VC	9.00	18.00	5.00
VC	9.50	17.46	4.00
VC	9.50	19.05	6.40
VC	9.50	20.75	6.40
VC	9.53	19.05	4.30
VC	10.00	15.00	3.00
VC	10.00	15.00	4.00
VC	10.00	17.00	3.50
VC	10.00	17.00	5.00
VC	10.00	19.00	4.00
VC	10.00	20.00	5.00
VC	10.00	22.00	3.00
VC	10.00	24.00	4.00
VC	10.72	15.82	3.00
VC	10.80	20.00	9.00
VC	11.00	17.00	3.00
VC	11.00	17.00	6.00
VC	11.10	15.88	3.20
VC	11.90	25.00	4.50
VC	11.98	18.24	3.20
VC	12.00	16.00	2.50
VC	12.00	17.00	2.50
VC	12.00	17.00	5.00
VC	12.00	17.00	6.00
VC	12.00	18.00	3.00
VC	12.00	18.00	5.00
VC	12.00	19.00	3.00
VC	12.00	22.00	3.00
VC	12.00	22.00	4.00

VC	12.00	24.00	4.00
VC	12.00	25.00	4.50
VC	12.50	22.23	6.40
VC	12.65	23.01	2.20
VC	12.70	17.46	2.50
VC	12.70	19.05	3.20
VC	12.70	19.05	4.40
VC	12.70	22.23	3.20
VC	12.70	25.37	6.40
VC	12.70	25.40	4.50
VC	12.80	19.40	2.50
VC	13.00	19.00	3.00
VC	13.00	31.00	8.50
VC	13.00	32.00	9.00
VC	14.00	20.00	4.00
VC	14.00	22.00	4.00
VC	14.00	24.00	4.00
VC	14.00	25.00	5.00
VC	14.00	31.00	8.50
VC	14.29	24.41	5.00
VC	14.50	32.00	9.00
VC	15.00	19.00	6.00
VC	15.00	21.00	3.00
VC	15.00	21.00	5.00
VC	15.00	22.00	5.00
VC	15.00	23.00	3.00
VC	15.00	23.00	4.00
VC	15.00	25.00	4.00
VC	15.00	26.00	3.50
VC	15.00	30.00	5.00
VC	15.10	23.75	4.50
VC	15.32	20.57	2.40
VC	15.60	25.37	6.40
VC	15.77	26.00	2.16
VC	15.77	26.00	2.16
VC	15.88	20.64	2.40

VC	15.88	20.64	3.20
VC	15.88	22.23	2.50
VC	15.88	22.23	3.20
VC	15.88	23.81	4.80
VC	16.00	20.00	2.50
VC	16.00	22.00	3.00
VC	16.00	22.30	2.40
VC	16.00	22.70	2.00
VC	16.00	23.00	3.00
VC	16.00	23.00	5.00
VC	16.00	24.00	4.00
VC	16.00	25.00	5.00
VC	16.00	30.00	3.00
VC	16.00	30.00	5.00
VC	17.00	21.00	3.20
VC	17.00	22.00	5.00
VC	17.00	22.00	6.00
VC	17.00	23.00	3.00
VC	17.00	26.00	3.00
VC	17.00	30.00	5.00
VC	17.00	35.00	4.80
VC	17.46	31.75	6.40
VC	18.00	22.00	7.00
VC	18.00	24.00	4.00
VC	19.00	26.00	4.00
VC	19.05	25.40	3.20
VC	19.05	26.99	4.60
VC	19.05	27.05	4.60
VC	19.05	31.75	6.40
VC	20.00	25.00	2.50
VC	20.00	25.40	3.20
VC	20.00	26.00	4.00
VC	20.00	28.00	5.00
VC	20.00	30.00	4.00
VC	20.00	30.00	7.00
VC	20.00	32.00	5.00



VC

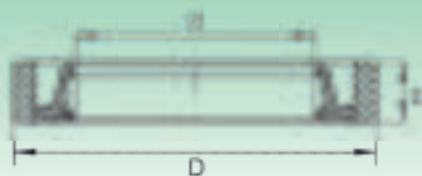
Tipo Type	Dimensioni Dimensions (mm)			Tipo Type	Dimensioni Dimensions (mm)			Tipo Type	Dimensioni Dimensions (mm)			Tipo Type	Dimensioni Dimensions (mm)		
	Diametro Diameter		H		Diametro Diameter		H		Diametro Diameter		H		Diametro Diameter		H
	d	D			d	D			d	D			d	D	
VC	20.00	40.00	5.00	VC	25.40	50.80	6.40	VC	36.50	44.00	5.00	VC	69.85	88.90	4.00
VC	20.00	52.00	4.00	VC	26.00	35.00	4.00	VC	37.30	47.63	4.80	VC	70.00	92.00	7.00
VC	20.40	27.00	2.00	VC	26.00	40.00	5.00	VC	38.00	42.00	6.40	VC	77.47	87.31	5.60
VC	21.00	37.00	7.00	VC	26.99	32.00	3.20	VC	38.10	52.38	5.30	VC	80.00	90.00	3.40
VC	22.00	26.00	6.00	VC	26.99	38.10	6.40	VC	38.10	68.26	9.50	VC	80.00	90.00	5.00
VC	22.00	29.00	4.00	VC	26.99	39.65	3.20	VC	40.00	45.00	2.00	VC	80.00	100.00	7.00
VC	22.00	29.00	5.00	VC	26.99	41.28	4.80	VC	40.00	47.00	4.00	VC	85.73	98.43	9.50
VC	22.00	30.00	4.00	VC	28.00	32.00	7.00	VC	40.00	48.00	4.00	VC	86.00	100.60	6.00
VC	22.00	31.00	5.00	VC	28.00	35.00	5.00	VC	40.00	50.00	4.00	VC	90.00	105.00	6.00
VC	22.23	28.63	3.20	VC	28.00	37.00	4.00	VC	40.00	52.00	5.00	VC	90.00	105.00	10.00
VC	22.23	30.16	4.80	VC	28.00	37.00	6.00	VC	40.00	52.00	6.00	VC	95.00	135.00	13.00
VC	22.23	34.93	6.40	VC	28.00	38.00	5.00	VC	40.00	54.00	7.00	VC	96.00	110.50	6.00
VC	22.23	38.10	6.40	VC	28.00	40.00	5.00	VC	40.00	60.00	5.00				
VC	22.50	29.00	5.00	VC	28.00	42.00	4.00	VC	40.00	62.00	5.00				
VC	22.86	38.10	6.40	VC	28.00	47.00	4.00	VC	42.00	52.00	4.00				
VC	23.00	30.00	4.00	VC	28.58	34.93	3.20	VC	44.00	55.00	5.00				
VC	23.00	31.80	5.50	VC	28.58	39.65	6.40	VC	45.00	50.00	2.00				
VC	23.80	34.93	6.40	VC	28.58	49.21	4.80	VC	45.00	50.00	8.00				
VC	23.81	30.16	3.20	VC	28.58	49.21	9.50	VC	45.00	55.00	4.00				
VC	23.81	36.51	6.40	VC	30.00	37.00	4.00	VC	45.00	62.00	5.00				
VC	24.00	29.60	4.00	VC	30.00	40.00	7.00	VC	45.00	62.00	7.00				
VC	24.00	31.00	4.00	VC	30.00	42.00	5.00	VC	45.00	65.00	8.00				
VC	24.00	31.70	4.00	VC	30.00	42.00	6.40	VC	45.00	68.00	6.00				
VC	24.00	33.20	4.00	VC	30.00	52.00	5.00	VC	45.00	70.00	5.00				
VC	24.00	36.00	4.00	VC	30.00	62.00	6.00	VC	47.63	53.98	3.20				
VC	24.00	38.00	5.00	VC	30.50	40.00	2.00	VC	47.63	61.00	7.00				
VC	25.00	30.00	4.00	VC	31.75	38.07	4.00	VC	48.00	58.00	4.00				
VC	25.00	31.00	5.00	VC	31.75	58.74	9.50	VC	50.00	68.00	7.00				
VC	25.00	32.00	4.00	VC	32.00	40.00	5.00	VC	50.57	111.43	4.80				
VC	25.00	35.00	7.00	VC	32.00	42.00	4.00	VC	50.80	68.58	6.60				
VC	25.00	38.00	5.00	VC	32.00	52.00	5.00	VC	50.80	82.80	15.88				
VC	25.30	39.12	7.40	VC	33.34	52.39	6.40	VC	53.50	90.00	6.00				
VC	25.40	31.75	3.20	VC	34.00	39.00	3.00	VC	53.98	73.43	6.40				
VC	25.40	38.10	6.40	VC	35.00	44.50	4.80	VC	57.15	66.68	4.80				
VC	25.40	39.69	4.80	VC	35.00	55.00	5.00	VC	60.00	72.00	6.00				
VC	25.40	41.25	4.80	VC	35.00	62.00	5.00	VC	60.00	75.00	6.00				


VCW

Sigla Designation	Peso (g) Weight (g) ≈	Dimensioni (mm) Dimensions (mm)		
		d	D	h -0.2 +0.4
VCW	-	6	15	3.30
VCW	-	7	15	3
VCW	-	7	15	5
VCW	0.41	8	12	3
VCW	-	8	14	4
VCW	0.65	8	15	3
VCW	0.44	9	13	3
VCW	0.69	9	16	3
VCW	0.50	10	14	3
VCW	0.90	10	17	3
VCW	-	10	29.70	3.00
VCW	0.60	12	16	3
VCW	0.90	12	18	3
VCW	1.00	12	19	3
VCW	-	12	29.55	3
VCW	-	12	29.70	3
VCW	0.90	13	19	3
VCW	1.00	14	20	3
VCW	1.10	14	21	3
VCW	1.30	14	22	3
VCW	-	14	22	4
VCW	-	14	26.00	3
VCW	1.00	15	21	3
VCW	-	16	20	2.5
VCW	1.30	16	22	3
VCW	1.30	16	24	3
VCW	1.60	16	25	3
VCW	-	17	22	5
VCW	1.30	17	23	3
VCW	1.50	17	25	3
VCW	1.20	18	24	3
VCW	-	18	24	4
VCW	-	18	26	4
VCW	2.0	19	27	4
VCW	-	20	26	3
VCW	1.80	20	26	4
VCW	2.10	20	28	4
VCW	2.2	21	29	4
VCW	1.80	22	28	4
VCW	2.20	22	30	4
VCW	2.50	24	32	4
VCW	2.30	25	32	4
VCW	2.5	25	33	4
VCW	-	25	34	4
VCW	2.60	25	35	4
VCW	2.6	26	34	4
VCW	-	27	35	4

Sigla Designation	Peso (g) Weight (g) ≈	Dimensioni (mm) Dimensions (mm)		
		d	D	h -0.2 +0.4
VCW	2.40	28	35	4
VCW	3.1	28	37	4
VCW	3.2	29	38	4
VCW	2.70	30	37	4
VCW	-	30	38	4
VCW	3.60	30	40	4
VCW	-	30	50	5
VCW	-	30	55	5
VCW	-	30	56	5
VCW	-	31	38	4
VCW	3.70	32	42	4
VCW	5.10	32	45	4
VCW	-	33	40	3
VCW	3.00	35	42	4
VCW	-	35	40	10
VCW	4.10	35	45	4
VCW	-	35	45	5
VCW	4.00	37	47	4
VCW	-	38	45	4
VCW	4.40	38	48	4
VCW	3.30	40	47	4
VCW	4.60	40	50	4
VCW	4.80	40	52	5
VCW	4.70	42	52	4
VCW	-	42	52.50	5
VCW	-	42	55	6
VCW	4.8	43	53	4
VCW	-	45	50	4
VCW	3.80	45	52	4
VCW	5.2	45	55	4
VCW	-	45	71	5
VCW	-	46	58	5
VCW	-	46	54	4
VCW	4.50	50	58	4
VCW	-	50	60.5	5
VCW	10.4	50	62	5
VCW	-	53	65	5
VCW	7.1	55	63	5
VCW	-	58	70.50	5
VCW	-	63	75	5
VCW	-	70	78	4
VCW	9.00	70	78	5
VCW	-	72	85.50	5
VCW	-	76	90.50	6
VCW	-	80	95	5
VCW	-	90	105	5

VCW: Corrispondente G INA
VCW: G equivalent INA



Sigla Designation	Peso (g) Weight (g) ≈	Dimensioni (mm) Dimensions (mm)		
		d	D	b +0,4 0,2
SD 8X15X3	0.4	8	15	3
SD 10X17X3	0.44	10	17	3
SD 12X18X3	0.5	12	18	3
SD 12X19X3	0.6	12	19	3
SD 14X20X3	0.5	14	20	3
SD 14X22X3	0.7	14	22	3
SD 15X21X3	0.5	15	21	3
SD 15X23X3	0.7	15	23	3
SD 16X22X3	0.6	16	22	3
SD 16X24X3	0.8	16	24	3
SD 17X23X3	0.6	17	23	3
SD 17X25X3	0.8	17	25	3
SD 18X24X3	0.6	18	24	3
SD 18X26X4	1.1	18	26	4
SD 19X27X4	1.1	19	27	4
SD 20X26X4	0.8	20	26	4
SD 20X28X4	1.1	20	28	4
SD 22X28X4	0.9	22	28	4
SD 22X30X4	1.3	22	30	4
SD 25X32X4	1.3	25	32	4
SD 25X33X4	1.3	25	33	4
SD 25X35X4	1.9	25	35	4
SD 26X34X4	1.4	26	34	4
SD 28X35X4	1.3	28	35	4
SD 30X37X4	1.3	30	37	4
SD 30X40X4	2.1	30	40	4
SD 32X42X4	2.4	32	42	4
SD 35X42X4	1.5	35	42	4
SD 35X45X4	2.5	35	45	4
SD 37X47X4	2.7	37	47	4
SD 38X48X4	2.8	38	48	4
SD 40X47X4	1.7	40	47	4
SD 40X50X4	2.9	40	50	4
SD 40X50X4	2.9	40	50	4
SD 40X52X5	4.5	40	52	5
SD 42X52X4	3	42	52	4
SD 45X52X4	1.9	45	52	4
SD 45X55X4	3.2	45	55	4
SD 50X58X4	2.4	50	58	4
SD 50X62X5	5.5	50	62	5