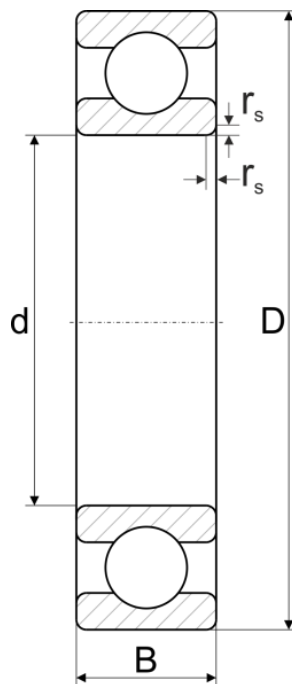


스테인레스 볼 베어링

Stainless steel Deep groove ball bearing



스테인레스 볼 베어링

신제품 스테인레스 볼 베어링은 화학 성분에 의한 부식, 강도, 온도 안정성, 내마모성의 이상적인 조합을 제공하는 최고의 자재를 사용해 제작됩니다. SWC 스테인레스 볼 베어링은 아래의 세 가지 타입으로 공급됩니다.

- T250 바이톤 씰 적용 (2VSR)
- T280 스틸 실드 (2ZR)
- T320 스틸 실드 (2ZR)

사용온도 범위에 관계없이 제공되는 모든 SWC 스테인레스 볼 베어링에는 독일 DIN 620 과 DIN ISO 1132에 의한 식음료 산업 안전등급(H1)이 적용된 고품질의 그리스가 사용됩니다.



SWC Stainless Steel Deep Groove Ball Bearings

The latest products in the portfolio of SWC are Deep Groove Ball Bearings made of stainless steel. The basic material is a high-quality steel, which due to its chemical composition offers an ideal combination of corrosion protection, hardness, temperature stability and wear resistance for Deep Groove Ball Bearings.

Stainless Steel Deep Groove Ball Bearings are available in three versions:

- T250 with Viton-Seals (2VSR)
- T280 with steel shields (2ZR)
- T320 with steel shields (2ZR)

Regardless of the temperature range, all Stainless Steel Deep Groove Ball Bearings are lubricated with a high-quality grease, which is suitable for food and beverage industries (food grade H1).

Tolerances:

According to DIN 620 and DIN ISO 1132.

T250 / T280

T250 과 T280 스테인레스 볼 베어링에는 오직 쉴 타입의 차이만 있습니다. 이들은 다음과 같이 적용됩니다.

- 스테인레스 스틸 재질의 일반적인 열처리
- C3 틈새
- 리벳 스틸 케이지
- 고품질 식음료 안전등급 윤활 (280°C)
- T250: 바이톤 쉴 적용 (2VSR)
- T280: 스틸 실드 적용 (2ZR)

T250 / T280

T250 and T280 stainless steel bearings differentiate only by the type of sealing. They comprise the following properties:

- General heat treatment of the stainless steel bearing
- Radial clearance C3
- Riveted sheet steel cage
- High-quality food-grade lubricant (suitable up to 280°C)
- T250: Viton seals (2VSR)
- T280: Steel shields (2ZR)

T320

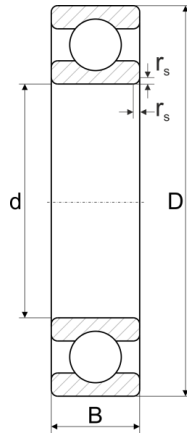
모든 T320 스테인레스 볼 베어링은 그에 적합한 윤활과 밀봉된 제품을 제공하며 다음과 같은 특성을 포함합니다.

- 스테인레스 스틸 재질의 일반적인 열처리
- C3 틈새
- 리벳 스틸 케이지
- 고품질 식음료 안전등급 윤활 (320°C)
- 스틸 실드 (2ZR)

T320

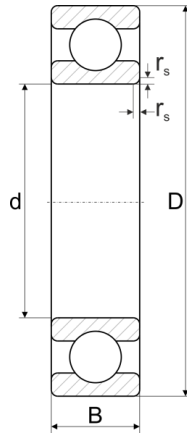
Every T320 stainless steel bearing is filled with suitable lubricant or available as sealed bearing and comprises the following properties:

- General heat treatment of the stainless steel bearing
- Radial clearance C3
- Riveted sheet steel cage
- High-quality food-grade lubricant (suitable up to 320°C)
- Steel shields (2ZR)



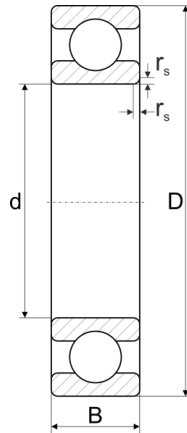
S60xx

Bezeichnung Code	Dimensionen Dimensions				Tragzahlen Load Ratings		Max. Drehzahl Max. Speed				Gewicht Weight
							T250-2VSR	T280	T320		
SWC	d [mm]	D [mm]	B [mm]	r _s min [mm]	C ₀ [kN]	C _{dyn} [kN]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	≈ [kg]
S6000	10	26	8	0.3	1.78	4.16	28,000	16,667	16,667	16,667	0.019
S6001	12	28	8	0.3	2.38	5.11	24,000	15,000	15,000	15,000	0.021
S6002	15	32	9	0.3	2.84	5.59	22,000	12,766	12,766	12,766	0.030
S6003	17	35	10	0.3	3.25	6.00	20,000	11,538	11,538	11,538	0.039
S6004	20	42	12	0.6	5.02	9.39	17,000	9,677	9,677	9,677	0.069
S6005	25	47	12	0.6	5.86	10.6	14,000	8,333	8,333	8,333	0.080
S6006	30	55	13	1.0	7.46	11.9	12,000	7,059	7,059	7,059	0.116
S6007	35	62	14	1.0	8.60	12.5	11,000	6,186	6,186	6,186	0.155
S6008	40	68	15	1.0	9.40	13.2	9,000	5,556	5,556	5,556	0.185
S6009	45	75	16	1.0	11.8	16.2	7,800	5,000	5,000	5,000	0.231
S6010	50	80	16	1.0	12.8	16.8	7,000	4,615	4,615	4,615	0.250
S6011	55	90	18	1.1	21.8	30.2	6,300	4,138	4,138	4,138	0.362
S6012	60	95	18	1.1	24.2	31.5	5,800	3,871	3,871	3,871	0.385



S62xx

Bezeichnung Code	Dimensionen Dimensions				Tragzahlen Load Ratings		Max. Drehzahl Max. Speed				Gewicht Weight
							T250-2VSR	T280	T320		
SWC	d [mm]	D [mm]	B [mm]	r _s min [mm]	C ₀ [kN]	C _{dyn} [kN]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	≈ [kg]
S6200	10	30	9	0.6	2.38	5.11	24,000	15,000	15,000	15,000	0.032
S6201	12	32	10	0.6	3.05	6.82	22,000	13,636	13,636	13,636	0.037
S6202	15	35	11	0.6	3.72	7.65	20,000	12,000	12,000	12,000	0.045
S6203	17	40	12	0.6	4.78	9.58	18,000	10,526	10,526	10,526	0.065
S6204	20	47	14	1.0	6.65	12.80	15,000	8,955	8,955	8,955	0.106
S6205	25	52	15	1.0	7.85	14.0	13,000	7,792	7,792	7,792	0.128
S6206	30	62	16	1.0	11.30	19.5	10,000	6,522	6,522	6,522	0.199
S6207	35	72	17	1.1	15.40	25.7	10,000	5,607	5,607	5,607	0.288
S6208	40	80	18	1.1	18.00	29.5	9,000	5,000	5,000	5,000	0.368
S6209	45	85	19	1.1	20.5	31.5	8,500	4,615	4,615	4,615	0.416
S6210	50	90	20	1.1	23.2	35.0	7,500	4,286	4,286	4,286	0.463
S6211	55	100	21	1.5	29.2	43.2	7,000	3,871	3,871	3,871	0.603
S6212	60	110	22	1.5	32.8	47.8	6,300	3,529	3,529	3,529	0.789



S63xx

Bezeichnung Code	Dimensionen Dimensions				Tragzahlen Load Ratings		Max. Drehzahl Max. Speed				Gewicht Weight
							T250-2VSR	T280	T320		
SWC	d [mm]	D [mm]	B [mm]	r _s min [mm]	C ₀ [kN]	C _{dyn} [kN]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	≈ [kg]
S6300	10	35	11	0.6	3.48	7.65	22,000	13,333	13,333	13,333	0.053
S6301	12	37	12	1.0	5.08	9.72	20,000	12,245	12,245	12,245	0.060
S6302	15	42	13	1.0	5.42	11.50	18,000	10,526	10,526	10,526	0.082
S6303	17	47	14	1.0	6.58	13.50	16,000	9,375	9,375	9,375	0.115
S6304	20	52	15	1.1	7.88	15.80	13,000	8,333	8,333	8,333	0.142
S6305	25	62	17	1.1	11.30	20.6	12,000	6,897	6,897	6,897	0.232
S6306	30	72	19	1.1	15.00	26.7	10,000	5,882	5,882	5,882	0.346
S6307	35	80	21	1.5	19.30	33.4	8,500	5,217	5,217	5,217	0.457
S6308	40	90	23	1.5	24.00	40.8	7,500	4,615	4,615	4,615	0.639
S6309	45	100	25	1.5	31.8	52.8	7,000	4,138	4,138	4,138	0.837
S6310	50	110	27	2.0	38.0	61.8	6,700	3,750	3,750	3,750	1.082
S6311	55	120	29	2.0	44.8	71.5	6,000	3,429	3,429	3,429	1.367
S6312	60	130	31	2.1	51.8	81.8	5,300	3,158	3,158	3,158	1.710