

SMT

SS5200 & 5200 series

Double Row Angular Contact Bearings

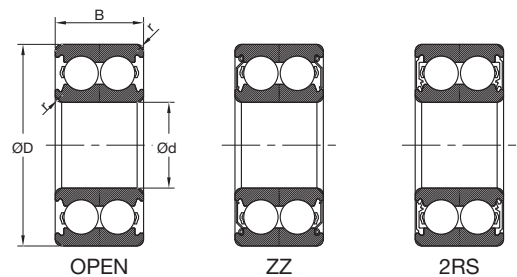


5200 series double-row angular contact ball bearings, designed to sustain axial load in both directions.

Specifications

Standard Specifications

	SS5200 series	5200 series
Inner and Outer Rings	AISI 440C	SAE 52100
Balls	AISI 440C	SAE 52100
Retainer	AISI 304	S55C
Shield	AISI 304	SECC
Seal	Nitrile rubber	Nitrile rubber
Lubricant	Heat-resistant grease	Lithium grease
Precision Grade	JISO	JISO



Examples: SS 5200 ZZ, 5200 2RS

Bearing No.		d	D	B	r (min)	Basic Load Ratings		Limiting Speeds (min ⁻¹)		
						Cr	Cor	Grease		Oil
AISI 440C	SAE 52100	mm	mm	mm	mm	N	N	OPEN ZZ	2RS	OPEN
SS5200	5200	10	30	14.3	0.6	6950	3800	15000	15000	20000
SS5201	5201	12	32	15.9	0.6	9150	5050	14000	14000	18000
SS5202	5202	15	35	15.9	0.6	10000	6050	12000	12000	16000
SS5203	5203	17	40	17.5	0.6	12800	7900	11000	11000	14000
SS5204	5204	20	47	20.6	1.0	19000	12100	9000	9000	12000
SS5205	5205	25	52	20.6	1.0	20600	14300	7700	7700	10000
SS5206	5206	30	62	23.8	1.0	24400	17600	6500	6500	8600
—	5207	35	72	27.0	1.1	33000	24500	5600	5600	7500
—	5208	40	80	30.2	1.1	42700	32400	5000	5000	6700

* The performance values on this catalog are not guaranteed and the specifications may change without prior notice for improved performance.

SMT

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