

Silicon Nitride Ceramic Bearings Metric Size



Part Number	ID	OD	Width	Shield Type	Dynamic Load	Static Load	Max Speed(X1K rpm)	Ring Material	Temperature Range	Precision	Clearance	RoHS	REACH
6809 2RS	45 mm	58 mm	7 mm	Sealed	1552 N	1345 N	9	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6309 2RS	45 mm	100 mm	25 mm	Sealed	13250 N	8000 N	5.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6409	45 mm	120 mm	29 mm	Open	19025 N	11250 N	4.8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6709	45 mm	55 mm	6 mm	Open	642 N	600 N	3	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6709 2RS	45 mm	55 mm	6 mm	Sealed	642 N	600 N	3	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6809	45 mm	58 mm	7 mm	Open	1552 N	1345 N	9	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6309	45 mm	100 mm	25 mm	Open	13250 N	8000 N	5.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6209 2RS	45 mm	85 mm	19 mm	Sealed	8175 N	5075 N	6.16	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
62209 2RS	45 mm	85 mm	23 mm	Sealed	8300 N	5400 N	7.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
62309 2RS	45 mm	100 mm	36 mm	Sealed	13175 N	7875 N	7.76	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6908 2RS	40 mm	62 mm	12 mm	Sealed	3425 N	2480 N	9	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
16009	45 mm	75 mm	10 mm	Open	3900 N	3050 N	5.52	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6009	45 mm	75 mm	16 mm	Open	5250 N	3775 N	7.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6009 2RS	45 mm	75 mm	16 mm	Sealed	5250 N	3775 N	5.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6209	45 mm	85 mm	19 mm	Open	8175 N	5075 N	6.16	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6808 2RS	40 mm	52 mm	7 mm	Sealed	1232 N	1045 N	10	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6908	40 mm	62 mm	12 mm	Open	3425 N	2480 N	9	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6808	40 mm	52 mm	7 mm	Open	1232 N	1045 N	10	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6708 2RS	40 mm	50 mm	6 mm	Sealed	628 N	558 N	3	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6308	40 mm	90 mm	23 mm	Open	10175 N	6000 N	6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6308 2RS	40 mm	90 mm	23 mm	Sealed	10175 N	6000 N	6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6408	40 mm	110 mm	27 mm	Open	15925 N	9125 N	5.36	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant

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6708	40 mm	50 mm	6 mm	Open	628 N	558 N	3	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
63008 2RS	40 mm	68 mm	21 mm	Sealed	4200 N	2900 N	9.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
62308 2RS	40 mm	90 mm	33 mm	Sealed	10250 N	6000 N	8.8000000000000001	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6208	40 mm	80 mm	18 mm	Open	7275 N	4450 N	6.64	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
62208 2RS	40 mm	80 mm	23 mm	Sealed	7675 N	4750 N	8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6208 2RS	40 mm	80 mm	18 mm	Sealed	7275 N	4450 N	6.64	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6008 2RS	40 mm	68 mm	15 mm	Sealed	4175 N	2875 N	8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
6306	30 mm	72 mm	19 mm	Open	6675 N	3750 N	7.68	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant