

Silicon Carbide 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
633	3 mm	13 mm	5 mm	Open	221 N	78 N	28	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
623 2RS	3 mm	10 mm	4 mm	Sealed	107 N	35 N	35	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
603 2RS	3 mm	9 mm	5 mm	Sealed	46 N	30 N	39.2	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
623	3 mm	10 mm	4 mm	Open	107 N	35 N	35	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
603	3 mm	9 mm	3 mm	Open	46 N	30 N	39.2	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR82x	2.5 mm	8 mm	2.5 mm	Open	95 N	29 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR82x 2RS	2.5 mm	8 mm	2.5 mm	Sealed	95 N	29 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
692x 2RS	2.5 mm	7 mm	3.5 mm	Sealed	66 N	21 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
692x	2.5 mm	7 mm	2.5 mm	Open	66 N	21 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
682x 2RS	2.5 mm	6 mm	2.6 mm	Sealed	36 N	12 N	49.7	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
602x	2.5 mm	8 mm	2.8 mm	Open	94 N	28 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
682x	2.5 mm	6 mm	1.8 mm	Open	36 N	12 N	49.7	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
602x 2RS	2.5 mm	8 mm	4 mm	Sealed	94 N	28 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR72 2RS	2 mm	7 mm	3 mm	Sealed	66 N	21 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR72	2 mm	7 mm	2.5 mm	Open	66 N	21 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR62 2RS	2 mm	6 mm	2.5 mm	Sealed	56 N	16 N	52.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR62	2 mm	6 mm	2.5 mm	Open	56 N	16 N	52.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
692 2RS	2 mm	6 mm	3 mm	Sealed	56 N	16 N	52.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR52	2 mm	5 mm	2 mm	Open	29 N	8 N	59.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
MR52 2RS	2 mm	5 mm	2.5 mm	Sealed	29 N	8 N	59.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
692	2 mm	6 mm	2.3 mm	Open	56 N	16 N	52.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
682 2RS	2 mm	5 mm	2.3 mm	Sealed	29 N	8 N	59.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant

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682	2 mm	5 mm	1.5 mm	Open	29 N	8 N	59.5	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
672	2 mm	4 mm	1.2 mm	Open	25 N	8 N	68.59999999999999	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
602 2RS	2 mm	7 mm	3.5 mm	Sealed	66 N	21 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
602	2 mm	7 mm	2.8 mm	Open	66 N	21 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
633 2RS	3 mm	13 mm	5 mm	Sealed	221 N	78 N	28	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
683	3 mm	7 mm	2 mm	Open	53 N	18 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
683 2RS	3 mm	7 mm	3 mm	Sealed	53 N	18 N	44.1	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant
693	3 mm	8 mm	3 mm	Open	95 N	29 N	42	Silicon Carbide	□176 to 2192 °F	ABEC-1	C0	Compliant	Compliant