

Silicon Nitride Ceramic Bearings Inch Size



Part Number	ID	OD	Width	Shield Type	Dynamic Load	Static Load	Max Speed(X1K rpm)	Ring Material	Temperature Range	Precision	Clearance	RoHS	REACH
RMS36	4.5"	9.375"	2"	Open	11409 lbf	10116 lbf	4.24	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS32	4"	8.5"	1.75"	Open	9779 lbf	7868 lbf	3.44	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS28	3.5"	8.125"	1.75"	Open	8599 lbf	6632 lbf	3.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS28	3.5"	6.5"	1.125"	Open	5373 lbf	4131 lbf	4.24	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS24	3"	5.75"	1.0625"	Open	3946 lbf	3091 lbf	4.8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS24	3"	7"	1.5625"	Open	6969 lbf	4862 lbf	6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS20	2.5"	5.5"	1.25"	Open	5188 lbf	3372 lbf	7.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS22	2.75"	6.25"	1.375"	Open	5845 lbf	3822 lbf	5.04	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS20	2.5"	5"	0.9375"	Open	3400 lbf	2529 lbf	5.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS18	2.25"	5"	1.25"	Open	4603 lbf	2922 lbf	5.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS16	2"	4.5"	1.0625"	Open	3473 lbf	2136 lbf	6.8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS18	2.25"	4.5"	0.875"	Open	2962 lbf	2023 lbf	6.4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS14	1.75"	4.25"	1.0625"	Open	3473 lbf	2136 lbf	6.8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS16	2"	4"	0.8125"	Open	2596 lbf	1630 lbf	7.2	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS13	1.625"	3.5"	0.75"	Open	1866 lbf	1214 lbf	8.800000000000001	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS13	1.625"	4"	0.9375"	Open	3108 lbf	1770 lbf	7.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS14	1.75"	3.75"	0.8125"	Open	1973 lbf	1304 lbf	8	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
R24 2RS	1.5"	2.625"	0.5625"	Sealed	1106 lbf	612 lbf	4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS12	1.5"	3.25"	0.75"	Open	1726 lbf	1068 lbf	8.800000000000001	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS12	1.5"	3.75"	0.9375"	Open	2377 lbf	1349 lbf	8.800000000000001	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS11	1.375"	3"	0.6875"	Open	1433 lbf	860 lbf	10.4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS11	1.375"	3.5"	0.875"	Open	2304 lbf	1349 lbf	12	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
R24	1.5"	2.625"	0.4375"	Open	1106 lbf	612 lbf	4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
1658 2RS	1.3125"	2.5625"	0.6875"	Sealed	1092 lbf	650 lbf	4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
R22	1.375"	2.5"	0.4375"	Open	1017 lbf	562 lbf	5.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
R22 2RS	1.375"	2.5"	0.5625"	Sealed	1017 lbf	562 lbf	5.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RLS10 2RS	1.25"	2.75"	0.6875"	Sealed	1264 lbf	742 lbf	5.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
RMS10	1.25"	3.125"	0.875"	Open	1866 lbf	1068 lbf	9.6	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
1658	1.3125"	2.5625"	0.6875"	Open	1092 lbf	650 lbf	4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant

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1657 2RS	1.25"	2.5625"	0.6875"	Sealed	1100 lbf	625 lbf	4	Silicon Nitride	□176 to 1472 °F	ABEC-1	C0	Compliant	Compliant
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