



SKF Single row deep groove ball bearing for high temperatures Steel Closure on both sides

Deep groove ball bearings for high temperature applications correspond in design to standard single row deep groove ball bearings of the same size. They have no filling slots and can accommodate axial loads in addition to radial loads. The entire surface of the bearing and shields are manganese phosphate coated to enhance adhesion of the lubricant to the metal and improve the running-in properties of the bearing. The radial internal clearance is a multiple of C5 to prevent the bearings from seizing, even when they cool rapidly. The benefits and features of high temperature deep groove ball bearings include:

- no need for relubrication - the bearings are lubricated with graphite-based high temperature lubricants
- simple replacement - the boundary dimensions are the same as those of standard bearings
- operating temperature up to 350 °C
- VA2101 -60°C to +250°C
- VA216 -40°C to +230°C
- VA228 -60°C to +350°C
- protection against contamination - shields (suffix 2Z) protect the bearing
- improved running in - the entire bearing surface is manganese phosphate coated

Characteristics

Series: 62

Type: 6219

Execution: Single row

Material: Steel

Sealing: Closure on both sides

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6201-2Z/VA228	12	32	10	C5	Graphite	23758197
6201-2Z/VA201	12	32	10	C5	Steel	23758196
6202-2Z/VA228	15	35	11	C5	Graphite	23758228
6202-2Z/VA201	15	35	11	C5	Steel	23758227
6003-2Z/VA208	17	35	10	C5	Steel	13197191
6003-2Z/VA201	17	35	10	C5	Steel	13197190
6203-2Z/VA228	17	40	12	C5	Graphite	23758257
6203-2Z/VA201	17	40	12	C5	Steel	24002444
6303-2Z/VA228	17	47	14	C5	Graphite	13198349
6004-2Z/VA201	20	42	12	C5	Steel	13197218
6004-2Z/VA208	20	42	12	C5	Steel	23757621
6204-2Z/VA228	20	47	14	C5	Graphite	23758291
6204-2Z/VA201	20	47	14	C5	Steel	23758290
6304-2Z/VA228	20	52	15	C5	Graphite	13198381
6304-2Z/VA208	20	52	15	C5	Steel	23758851
6304-2Z/VA201	20	52	15	C5	Steel	23758850
6005-2Z/VA208	25	47	12	C5	Steel	23757644
6005-2Z/VA201	25	47	12	C5	Steel	24002301
6205-2Z/VA228	25	52	15	C5	Graphite	23758333
6205-2Z/VA208	25	52	15	C5	Steel	23758332
6205-2Z/VA201	25	52	15	C5	Steel	24035684
6305-2Z/VA228	25	62	17	C5	Graphite	24002598
6305-2Z/VA208	25	62	17	C5	Steel	12303239
6305-2Z/VA201	25	62	17	C5	Steel	13198415
6006-2Z/VA208	30	55	13	C5	Steel	23757668
6206-2Z/VA228	30	62	16	C5	Graphite	24002481

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6206-2Z/VA201	30	62	16	C5	Steel	23758368
6206-2Z/VA208	30	62	16	C5	Steel	23758369
6306-2Z/VA228	30	72	19	C5	Graphite	24002608
6306-2Z/VA208	30	72	19	C5	Steel	23758907
6306-2Z/VA201	30	72	19	C5	Steel	13198449
6207-2Z/VA228	35	72	17	C5	Graphite	12658955
6207-2Z/VA208	35	72	17	C5	Steel	23758400
6207-2Z/VA201	35	72	17	C5	Steel	23758399
6307-2Z/VA201	35	80	21	C5	Steel	13198474
6307-2Z/VA208	35	80	21	C5	Steel	23758931
6008-2Z/VA208	40	68	15	C5	Steel	23757701
6208-2Z/VA228	40	80	18	C5	Graphite	24002504
6208-2Z/VA201	40	80	18	C5	Steel	24002503
6208-2Z/VA208	40	80	18	C5	Steel	23758428
6308-2Z/VA228	40	90	23	C5	Graphite	13198500
6308-2Z/VA208	40	90	23	C5	Steel	23758961
6308-2Z/VA201	40	90	23	C5	Steel	23225202
6209-2Z/VA228	45	85	19	C5	Graphite	13198033
6209-2Z/VA201	45	85	19	C5	Steel	23758454
6209-2Z/VA208	45	85	19	C5	Steel	23758455
6309-2Z/VA208	45	100	25	C5	Steel	24002625
6010-2Z/VA208	50	80	16	C5	Steel	13197327
6210-2Z/VA228	50	90	20	C5	Graphite	13198055
6210-2Z/VA201	50	90	20	C5	Steel	23758478
6210-2Z/VA208	50	90	20	C5	Steel	23758479
6310-2Z/VA228	50	110	27	C5	Graphite	13198552
6310-2Z/VA201	50	110	27	C5	Steel	13198551
6310-2Z/VA208	50	110	27	C5	Steel	23759009
6011-2Z/VA208	55	90	18	C5	Steel	13197337
6211-2Z/VA228	55	100	21	C5	Graphite	13198069
6211-2Z/VA201	55	100	21	C5	Steel	24002524
6211-2Z/VA208	55	100	21	C5	Steel	23758499
6311-2Z/VA228	55	120	29	C5	Graphite	13198566
6311-2Z/VA208	55	120	29	C5	Steel	23224852
6311-2Z/VA201	55	120	29	C5	Steel	13198565
6212-2Z/VA228	60	110	22	C5	Graphite	13198092
6212-2Z/VA208	60	110	22	C5	Steel	23758517
6212-2Z/VA201	60	110	22	C5	Steel	24002533
6312-2Z/VA228	60	130	31	C5	Graphite	13198592
6312-2Z/VA208	60	130	31	C5	Steel	24002639
6213-2Z/VA228	65	120	23	C5	Graphite	13198108
6213-2Z/VA208	65	120	23	C5	Steel	23758539
6213-2Z/VA201	65	120	23	C5	Steel	23225198
6313-2Z/VA228	65	140	33	C5	Graphite	13198609
6313-2Z/VA208	65	140	33	C5	Steel	24002644
6313-2Z/VA201	65	140	33	C5	Steel	13198608
6214-2Z/VA228	70	125	24	C5	Graphite	13198122
6214-2Z/VA201	70	125	24	C5	Steel	13198121
6214-2Z/VA208	70	125	24	C5	Steel	23758558
6314-2Z/VA208	70	150	35	C5	Steel	23759081
6215-2Z/VA228	75	130	25	C5	Graphite	13198138
6215-2Z/VA208	75	130	25	C5	Steel	23758572
6215-2Z/VA201	75	130	25	C5	Steel	13198137

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Manufacturer ID	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	mm	mm			
6315-2Z/VA208	75	160	37	C5	Steel	13198636
6216-2Z/VA208	80	140	26	C5	Steel	23758588
6316-2Z/VA208	80	170	39	C5	Steel	13198645
6217-2Z/VA208	85	150	28	C5	Steel	24002556
6218-2Z/VA228	90	160	30	C5	Graphite	24002558
6020-2Z/VA208	100	150	24	C5	Steel	13197401
6220-2Z/VA228	100	180	34	C5	Graphite	13198180
6220-2Z/VA208	100	180	34	C5	Steel	13198179
6220-2Z/VA201	100	180	34	C5	Steel	13198178
6022-2Z/VA208	110	170	28	C5	Steel	13197409
6024-2Z/VA208	120	180	28	C5	Steel	13197415

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