



SKF Single row deep groove ball bearing for high temperatures Steel Open

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: 60

Type: 6003

Execution: Single row

Material: Steel

Sealing: Open

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6201/VA201	12	32	10	C5	Steel	23758205
6202/VA201	15	35	11	C5	Steel	23758239
6003/VA201	17	35	10	C5	Steel	23757601
6203/VA201	17	40	12	C5	Steel	23758265
6303/VA201	17	47	14	C5	Steel	13198335
6004/VA201	20	42	12	C5	Steel	12121351
6204/VA201	20	47	14	C5	Steel	23758299
6304/VA201	20	52	15	C5	Steel	23758858
6005/VA201	25	47	12	C5	Steel	23757651
6205/VA201	25	52	15	C5	Steel	23758342
6305/VA201	25	62	17	C5	Steel	23758889
6206/VA201	30	62	16	C5	Steel	23758382
6306/VA201	30	72	19	C5	Steel	24002600
6207/VA201	35	72	17	C5	Steel	23758408
6307/VA201	35	80	21	C5	Steel	23758939
6208/VA201	40	80	18	C5	Steel	23758439
6308/VA201	40	90	23	C5	Steel	24002614
6209/VA201	45	85	19	C5	Steel	23758463
6309/VA201	45	100	25	C5	Steel	23758994
6210/VA201	50	90	20	C5	Steel	23758488
6310/VA201	50	110	27	C5	Steel	24002630
6211/VA201	55	100	21	C5	Steel	23758506
6311/VA201	55	120	29	C5	Steel	24002636
6212/VA201	60	110	22	C5	Steel	23758527
6312/VA201	60	130	31	C5	Steel	23759053
6213/VA201	65	120	23	C5	Steel	23758546

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Manufacturer ID	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	mm	mm			
6313/VA201	65	140	33	C5	Steel	24002641
6214/VA201	70	125	24	C5	Steel	24002540
6314/VA201	70	150	25	C5	Steel	13198613
6215/VA201	75	130	25	C5	Steel	23758580
6315/VA201	75	160	37	C5	Steel	23759099
6217/VA201	85	150	28	C5	Steel	24209937
6219/VA201	95	170	32	C5	Steel	13198165
6220/VA201	100	180	34	C5	Steel	24002559

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