



SKF Single-row deep groove ball bearing INSOCOAT® Steel Open

For bearings in electric motors, generators or similar devices, there is a danger that the surfaces of the rolling element and the grooves within the bearing could be damaged by the current flow, and the quality of the lubricating grease would quickly be impaired. The risk of "electro-erosion" increases considerably when the motor is controlled by a frequency regulator. To protect the bearing against current flow, SKF has developed the INSOCOAT bearing.

INSOCOAT bearings with coated o-race

Bearings with electrical coating on the outer surface of the o-race are the most common kind of bearings. They are marked with the supplement **VL0241**

INSOCOAT bearings with coated i-race

Bearings with the electrically insulating INSOCOAT coating in the bore hole of the i-race provide additional protection against damage from current, which is due to the higher impedance of the smaller coated surfaces. They are marked with the supplement **VL2071**

Characteristics

Series: 62
Type: 6334
Execution: Single row
Material: Steel
Sealing: Open

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6308 M/C4VL0241	40	90	23	C4	Brass	24002612
6309/C3VL0241	45	100	25	C3	Steel	12121413
6309 M/C4VL0241	45	100	25	C4	Brass	13529792
6310 M/C3VL0241	50	110	27	C3	Brass	24002629
6310 M/C4VL0241	50	110	27	C4	Brass	13529795
6311 M/C3VL0241	55	120	29	C3	Brass	24002635
6312 M/C3VL0241	60	130	31	C3	Brass	23759035
6312/C3VL0241	60	130	31	C3	Steel	12121418
6312 M/C4VL0241	60	130	31	C4	Brass	13529803
6313 M/C3VL0241	65	140	33	C3	Brass	23759056
6313/C3VL0241	65	140	33	C3	Steel	13529808
6214 M/C4VL0241	70	125	24	C4	Brass	23758548
6314 M/C3VL0241	70	150	35	C3	Brass	23759073
6314/C3VL0241	70	150	35	C3	Steel	23759086
6314 M/C4VL0241	70	150	35	C4	Brass	12765664
6215/C3VL0241	75	130	25	C3	Steel	23758578
6215 M/C4VL0241	75	130	25	C4	Brass	13529760
6315 M/C3VL0241	75	160	37	C3	Brass	23759089
6315/C3VL0241	75	160	37	C3	Steel	24002649
6315 M/C4HVL0241	75	160	37	C4	Brass	24002648

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6216/C3VL0241	80	140	26	C3	Steel	24002549
6316 M/C3VL0241	80	170	39	C3	Brass	23759102
6316/C3VL0241	80	170	39	C3	Steel	23759113
6316 M/C4VL0241	80	170	39	C4	Brass	23759104
6217/C3VL0241	85	150	28	C3	Steel	24002553
6317 M/C3VL0241	85	180	41	C3	Brass	23759117
6317/C3VL0241	85	180	41	C3	Steel	23759124
6218/C3VL0241	90	160	30	C3	Steel	24002557
6318 M/C3VL0241	90	190	43	C3	Brass	23759128
6318/C3VL0241	90	190	43	C3	Steel	24002653
6318 M/P64VL0241	90	190	43	C4	Brass	23759129
6219/C3VL0241	95	170	32	C3	Steel	23758624
6319 M/C3VL0241	95	200	45	C3	Brass	23759139
6319/C3VL0241	95	200	45	C3	Steel	23759146
6319 M/C4VL0241	95	200	45	C4	Brass	23759148
6220/C3VL0241	100	180	34	C3	Steel	23758633
6320 M/C3VL0241	100	215	47	C3	Brass	23759152
6320/C3VL0241	100	215	47	C3	Steel	23759157
6321 M/C3VL0241	105	225	49	C3	Brass	13529819
6222 M/C3VL0241	110	200	38	C3	Brass	24002562
6222/C3VL0241	110	200	38	C3	Steel	23758670
6222 M/C4VL0241	110	200	38	C4	Brass	13529780
6322 M/C3VL0241	110	240	50	C3	Brass	23759163
6322/C3VL0241	110	240	50	C3	Steel	23759166
6322 M/C4VL0241	110	240	50	C4	Brass	13529820
6224/C3VL0241	120	215	40	C3	Steel	23758675
6324 M/C3VL0241	120	260	55	C3	Brass	23759171
6324/C3VL2071	120	260	55	C3	Steel	24002656
6226/C3VL0241	130	230	40	C3	Steel	24002563
6226/C3VL2071	130	230	40	C3	Steel	24002564
6326 M/C3VL0241	130	280	58	C3	Brass	23759176
6326/C3VL2071	130	280	58	C3	Steel	24002658
6228/C3VL2071	140	250	42	C3	Steel	12121398
6328/C3VL2071	140	300	62	C3	Steel	24002660
6230/C3VL2071	150	270	45	C3	Steel	24002566
6330 M/C3HVL2071	150	320	65	C3	Brass	13529823
6330/C3VL2071	150	320	65	C3	Steel	24002661
6330/C4HVL2071	150	320	65	C4	Steel	13529824
6332 M/C3VL2071	160	340	68	C3	Brass	12174068
6334 M/C4VL2071	170	360	72	C4	Brass	13529825

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