



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: 6312

Execution: Single row

Material: Steel

Sealing: Open

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6312 M/C3VL0241	60	130	31	C3	Brass	6312MC3VL0241-SKF
6313 M/C3VL0241	65	140	33	C3	Brass	6313MC3VL0241-SKF
6314 M/C3VL0241	70	150	35	C3	Brass	6314MC3VL0241-SKF
6314/C3VL0241	70	150	35	C3	Steel	6314C3VL0241-SKF
6315/C3VL0241	75	160	37	C3	Steel	6315C3VL0241-SKF
6216/C3VL0241	80	140	26	C3	Steel	6216C3VL0241-SKF
6316 M/C3VL0241	80	170	39	C3	Brass	6316MC3VL0241-SKF
6316/C3VL0241	80	170	39	C3	Steel	6316C3VL0241-SKF
6217/C3VL0241	85	150	28	C3	Steel	6217C3VL0241-SKF
6317 M/C3VL0241	85	180	41	C3	Brass	6317MC3VL0241-SKF
6317/C3VL0241	85	180	41	C3	Steel	6317C3VL0241-SKF
6218/C3VL0241	90	160	30	C3	Steel	6218C3VL0241-SKF
6219/C3VL0241	95	170	32	C3	Steel	6219C3VL0241-SKF
6319 M/C3VL0241	95	200	45	C3	Brass	6319MC3VL0241-SKF
6220/C3VL0241	100	180	34	C3	Steel	6220C3VL0241-SKF
6224/C3VL0241	120	215	40	C3	Steel	6224C3VL0241-SKF
6324 M/C3VL0241	120	260	55	C3	Brass	6324MC3VL0241-SKF
6226/C3VL2071	130	230	40	C3	Steel	6226C3VL2071-SKF
6326/C3VL2071	130	280	58	C3	Steel	6326C3VL2071-SKF

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