

Electrically Insulated Deep Groove Ball Bearing

This is a single row deep groove ball bearing with an Insocoat electrically insulated coating and brass cage. It has dimensions of 75mm x 160mm x 37mm and a basic load capacity between 76.5kN and 119kN.



Product Overview

Electrically Insulated Deep Groove Ball Bearing

These single row deep groove ball bearings feature an electrically insulated coating on the outer ring to protect against high-frequency electric currents. Designed for demanding industrial environments, the insulation helps prevent electrical erosion, significantly enhancing bearing reliability and machine uptime. This series is an ideal solution for electric motors and generators where stray current poses a risk to equipment longevity.

Technical Specifications

Bearing Type	Single row deep groove ball bearing
Cage Material	Brass
Insulation Technology	Aluminium-oxide coated outer ring, Electrically insulated, Prevents electrical erosion

Performance Metrics

Key Performance Indicators

76.5 kN

Min Basic Load Capacity

119 kN

Max Basic Load Capacity

5600 r/min

Min Running Speed

9000 r/min

Max Running Speed

Availability

Available Part Numbers and Dimensions

Part No.	d (mm)	D (mm)	B (mm)	Weight (kg)
6314/C3VL0241	70	150	35	2.5
6215/C3VL0241	75	130	25	1.2
6315/C3VL0241	75	160	37	3.05
6216/C3VL0241	80	140	26	1.4
6316/C3VL0241	80	170	39	3.55
6217/C3VL0241	85	150	28	1.75
6317/C3VL0241	85	180	41	4.1
6218/C3VL0241	90	160	30	2.4
6318/C3VL0241	90	190	43	4.9
6219/C3VL0241	95	170	32	2.5
6319/C3VL0241	95	200	45	5.65
6220/C3VL0241	100	180	34	3.15
6320/C3VL0241	100	215	47	7
6222/C3VL0241	110	200	38	4.25
6322/C3VL0241	110	240	50	9.65
6224/C3VL0241	120	215	40	5.2
6324/C3VL2071	120	260	55	12.5
6226/C3VL2071	130	230	40	5.75
6326/C3VL2071	130	280	58	15.2
6328/C3VL2071	140	300	62	18.5
6230/C3VL2071	150	270	45	9.8
6330/C3VL2071	150	320	65	23

Logistics

Country of Origin

France