

SKF Cylindrical roller bearing caged Single row Series: NU..VL0241



Product description

Electric motors, generators and associated equipment are at risk when an electric current passes through their bearings. This can damage the contact surfaces of rolling elements and raceways in the bearing (electrical erosion) and rapidly degrade grease. INSOCOAT bearings are designed to prevent electric current from passing through the bearing. With insulating properties integrated to the bearing INSOCOAT bearings can improve reliability and increase machine uptime by virtually eliminating the problem of electrical erosion. The aluminium oxide coating provides a minimum electrical resistance of 200MΩ and can withstand voltages up to 3000V DC. The INSOCOAT bearing is protected against condensation by a unique sealant.

Product features

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: NU..VL0241

Application

- Recommended in: Chemical

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NU 317 ECM/ C3VL0241	Brass	85	180	41	C3	No	23768229
NU 319 ECM/ C3VL0241	Brass	95	200	45	C3	No	24004028
NU 220 ECM/ C3VL0241	Brass	100	180	34	C3	No	13530125
NU 222 ECM/ C3VL0241	Brass	110	200	38	C3	No	12176560
NU 322 ECM/ C3VL0241	Brass	110	240	50	C3	No	23768262
NU 224 ECM/ C3VL0241	Brass	120	215	40	C3	No	13530139
NU 324 ECM/ C3VL0241	Brass	120	260	55	C3	No	23768271
NU 226 ECM/ C3VL0241	Brass	130	230	40	C3	No	13530140
NU 315 ECP/VL0241	Plastic	75	160	37	CN (normal)	No	24004027

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