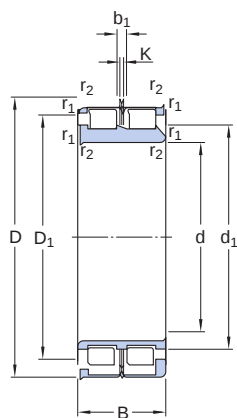


NNC 4938 CV

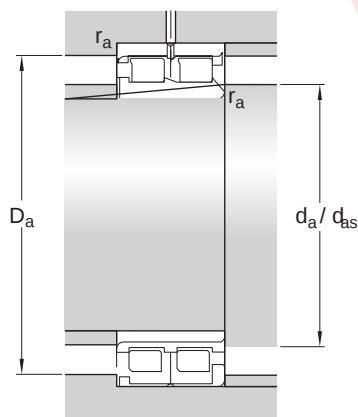


Double row cylindrical roller bearings are designed to accommodate high to very high radial loads in combination with medium to high speeds. The NR assortment includes many designs and variants, such as standard and full complement bearings and also greased and sealed bearings. Depending on the configuration of the outer and inner rings, the bearings are available in locating as well as non-locating designs.

- High to very high radial load carrying capacity
- Low friction
- Long service life



Dimensions		
d	190 mm	Bore diameter
D	260 mm	Outside diameter
B	69 mm	Width
d ₁	≈ 216 mm	Shoulder diameter inner ring
D ₁	≈ 233 mm	Shoulder diameter outer ring
b ₁	7 mm	Width annular lubrication groove outer ring
K	4 mm	Diameter lubrication hole (outer ring)
r _{1,2}	min. 2 mm	Chamfer dimension (open bearings)



Abutment dimensions		
d _a	min. 201 mm	Abutment diameter shaft
d _{as}	208 mm	Abutment diameter shaft
D _a	max. 250 mm	Abutment diameter housing
r _a	max. 2 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	605 kN
Basic static load rating	C ₀	1 290 kN
Fatigue load limit	P _u	132 kN
Reference speed		1 100 r/min
Limiting speed		1 400 r/min
Minimum load factor	k _r	0.25

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: Normal
- Radial internal clearance: table
- Axial internal clearance

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit