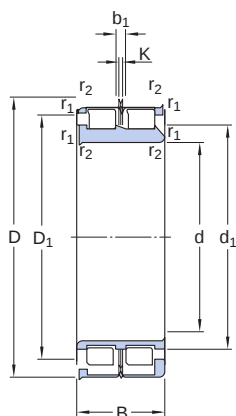


NNC 4940 CV

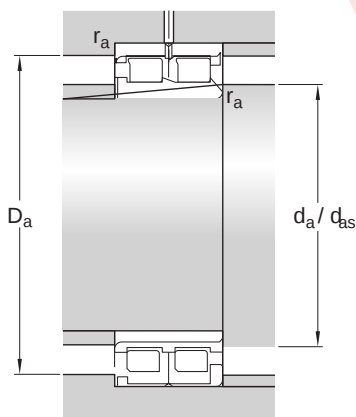


Double row cylindrical roller bearings are designed to accommodate high to very high radial loads in combination with medium to high speeds. The NR assortment includes many designs and variants, such as standard and full complement bearings and also greased and sealed bearings. Depending on the configuration 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	200 mm	Bore diameter
D	280 mm	Outside diameter
B	80 mm	Width
d ₁	≈ 233 mm	Shoulder diameter inner ring
D ₁	≈ 251.5 mm	Shoulder diameter outer ring
b ₁	8 mm	Width annular lubrication groove outer ring
K	4 mm	Diameter lubrication hole (outer ring)
r _{1,2}	min. 2.1 mm	Chamfer dimension (open bearings)



Abutment dimensions		
d _a	min. 211 mm	Abutment diameter shaft
d _{as}	221 mm	Abutment diameter shaft
D _a	max. 269 mm	Abutment diameter housing
r _a	max. 2 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	704 kN
Basic static load rating	C ₀	1 500 kN
Fatigue load limit	P _u	153 kN
Reference speed		1 000 r/min
Limiting speed		1 300 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