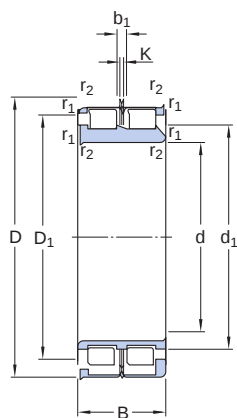


NNC 4852 CV

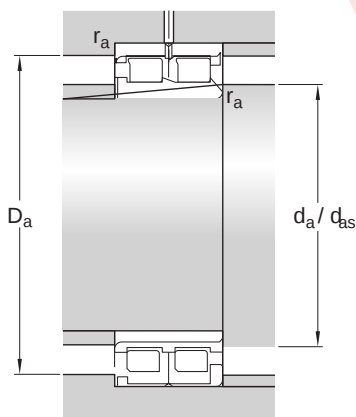


Double row cylindrical roller bearings are designed to accommodate high to very high radial loads in combination with medium to high speeds. The NR assortment includes many designs and variants, such as standard and full complement bearings and also greased and sealed bearings. Depending on the configuration 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	260 mm	Bore diameter
D	320 mm	Outside diameter
B	60 mm	Width
d ₁	≈ 283.5 mm	Shoulder diameter inner ring
D ₁	≈ 297 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 mm	Chamfer dimension (open bearings)



Abutment dimensions		
d _a	min. 269 mm	Abutment diameter shaft
d _{as}	276 mm	Abutment diameter shaft
D _a	max. 311 mm	Abutment diameter housing
r _a	max. 2 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	561 kN
Basic static load rating	C ₀	1 400 kN
Fatigue load limit	P _u	132 kN
Reference speed		800 r/min
Limiting speed		1 000 r/min
Minimum load factor	k _r	0.2

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