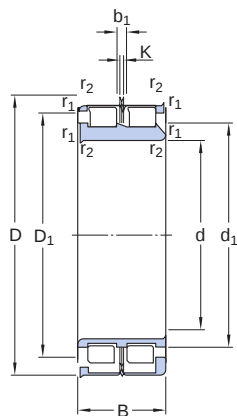


NNC 4922 CV

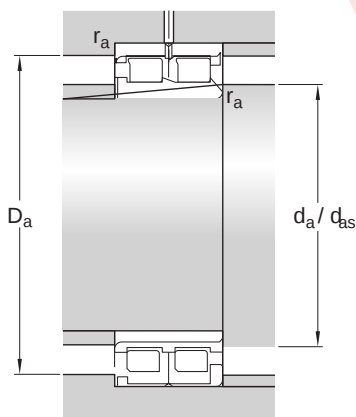


Double row cylindrical roller bearings are designed to accommodate high to very high radial loads in combination with medium to high speeds. The NR assortment includes many designs and variants, such as standard and full complement bearings and also greased and sealed bearings. Depending on the configuration 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	110 mm	Bore diameter
D	150 mm	Outside diameter
B	40 mm	Width
d ₁	≈ 125 mm	Shoulder diameter inner ring
D ₁	≈ 133.5 mm	Shoulder diameter outer ring
b ₁	6 mm	Width annular lubrication groove outer ring
K	3.5 mm	Diameter lubrication hole (outer ring)
r _{1,2}	min. 1.1 mm	Chamfer dimension (open bearings)



Abutment dimensions		
d _a	min. 116 mm	Abutment diameter shaft
d _{as}	121 mm	Abutment diameter shaft
D _a	max. 144 mm	Abutment diameter housing
r _a	max. 1 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	220 kN
Basic static load rating	C ₀	430 kN
Fatigue load limit	P _u	49 kN
Reference speed		1 900 r/min
Limiting speed		2 400 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