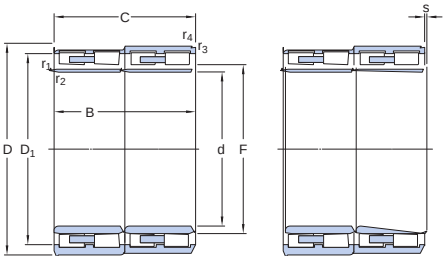
BC2B 320075/VJ202

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

- Exceptional high radial load carrying capacity
- Low friction
- Long service life
- Low cross-sectional height

Design variant/feature	BC4.7/WO
Bore type	Cylindrical



Dimensions

d	360 mm	Bore diameter
D	500 mm	Outside diameter
B	250 mm	Total bearing width over inner ring(s)
C	250 mm	Total bearing width over outer ring(s)
D_1	≈ 461.2 mm	Outer ring shoulder diameter
F	394 mm	Raceway diameter inner ring
$r_{1,2}$	min. 3 mm	Corner radius/chamfer inner ring
$r_{3,4}$	min. 3 mm	Chamfer dimension on the outer ring

Calculation data

Basic dynamic load rating	C	3 910 kN
Basic static load rating	C_0	7 350 kN

Fatigue load limit	P_u	670 kN
Calculation factor	k_r	390

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: P6, P5
- Radial internal clearance: cylindrical bore, tapered bore

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit