

BC4B 322264/HB1



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	BC4.1/W
Bore type	Cylindrical

Dimensions		
d	380 mm	Bore diameter
D	560 mm	Outside diameter
B	325 mm	Total bearing width over inner ring(s)
C	325 mm	Total bearing width over outer ring(s)
D ₁	≈ 508 mm	Outer ring shoulder diameter
F	428 mm	Raceway diameter inner ring
r _{1,2}	min. 13 mm	Corner radius/chamfer inner ring
α	20 °	Chamfer angle inner ring
r _{3,4}	min. 5 mm	Chamfer dimension on the outer ring

Calculation data		
Basic dynamic load rating	C	5 230 kN

Basic static load rating	C_0	10 600 kN
Fatigue load limit	P_u	930 kN
Calculation factor	k_r	0

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

AGA BEARINGS