

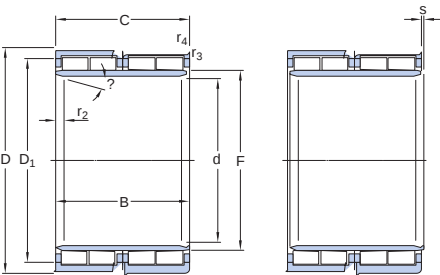
BC4-8059

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	BC4.4/WO
Bore type	Cylindrical



Dimensions		
d	400 mm	Bore diameter
D	560 mm	Outside diameter
B	300 mm	Total bearing width over inner ring(s)
C	300 mm	Total bearing width over outer ring(s)
D ₁	≈ 512.6 mm	Outer ring shoulder diameter
F	442 mm	Raceway diameter inner ring
r _{1,2}	min. 12 mm	Corner radius/chamfer inner ring
α	20 °	Chamfer angle inner ring
r _{3,4}	min. 4 mm	Chamfer dimension on the outer ring

Calculation data		
Basic dynamic load rating	C	4 680 kN

Basic static load rating	C_0	10 200 kN
Fatigue load limit	P_u	900 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