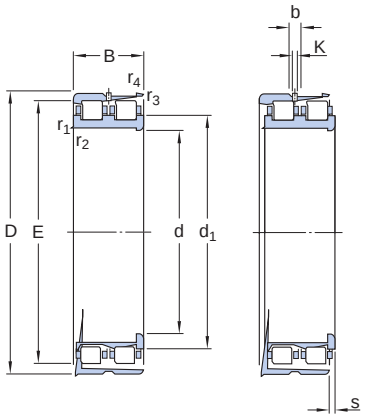
BC2B 326379/HA4

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.

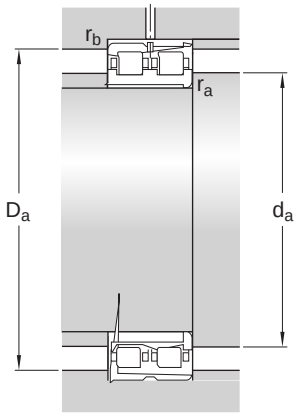
- High to very high radial load carrying capacity
- Low friction
- Long service life

Design variant/feature	NN.1/C2W33



Dimensions

d	800 mm	Bore diameter
D	1 260 mm	Outside diameter
B	375 mm	Overall bearing width
d_1	≈ 963 mm	Shoulder diameter inner ring
E	1 161 mm	Raceway diameter outer ring
b	22.3 mm	Width of annular groove
K	12 mm	Diameter lubrication hole
$r_{1,2}$	min. 9.5 mm	Chamfer dimension inner ring
$r_{3,4}$	min. 9.5 mm	Chamfer dimension outer ring
s	max. 11 mm	Permissible axial displacement from the normal position of one bearing ring relative to the other



Abutment dimensions

d_a	min. 840 mm	Abutment diameter spacer sleeve
D_a	min. 1 175 mm	Abutment diameter spacer sleeve / housing
D_a	max. 1 220 mm	Abutment diameter spacer sleeve / housing
r_a	max. 8 mm	Fillet radius
r_b	max. 8 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	12 800 kN
Basic static load rating	C_0	28 000 kN
Fatigue load limit	P_u	1 800 kN
Reference speed		300 r/min
Limiting speed		430 r/min
Calculation factor	k_r	0.26

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

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

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit