

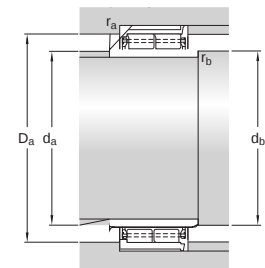
BC2B 320117/HA4



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	NNUB.3/C3WO	
	Dimensions	
	d	530 mm Bore diameter
	D	780 mm Outside diameter
	B	475 mm Overall bearing width
	C	285 mm Width outer ring
	D ₁	≈ 699 mm Shoulder diameter outer ring
	F	590 mm Raceway diameter inner ring
	r _{1,2}	min. 5 mm Chamfer dimension outer ring
	r _{3,4}	min. 5 mm Chamfer dimension inner ring
	s	max. 100 mm Permissible axial displacement from the normal position of one bearing ring relative to the other



Abutment dimensions		
d _a	min. 550 mm	Abutment diameter spacer sleeve
d _a	max. 582 mm	Abutment diameter spacer sleeve
d _b	min. 595 mm	Abutment diameter shaft

D_a	max. 760 mm	Abutment diameter spacer sleeve / housing
r_a	max. 4 mm	Fillet radius
r_b	max. 4 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	7 210 kN
Basic static load rating	C_0	17 300 kN
Fatigue load limit	P_u	1 290 kN
Reference speed		530 r/min
Limiting speed		800 r/min
Calculation factor	k_r	0.4

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