

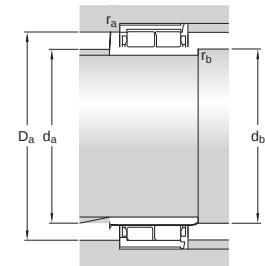
BC2B 320118



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.2/C3WO	
	Dimensions	
	d	340 mm Bore diameter
	D	520 mm Outside diameter
	B	305 mm Overall bearing width
	C	200 mm Width outer ring
	D ₁	≈ 461 mm Shoulder diameter outer ring
	F	384 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. 45 mm Permissible axial displacement from the normal position of one bearing ring relative to the other



Abutment dimensions		
d _a	min. 360 mm	Abutment diameter spacer sleeve
d _a	max. 374 mm	Abutment diameter spacer sleeve
d _b	min. 388 mm	Abutment diameter shaft

D_a	max. 500 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	3 300 kN
Basic static load rating	C_0	7 100 kN
Fatigue load limit	P_u	610 kN
Reference speed		900 r/min
Limiting speed		1 300 r/min
Calculation factor	k_r	0.38

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