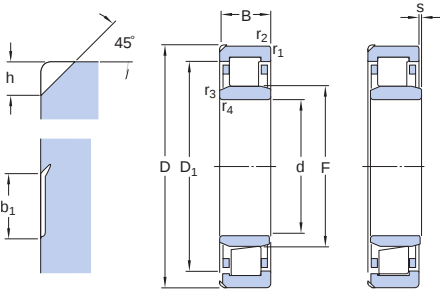


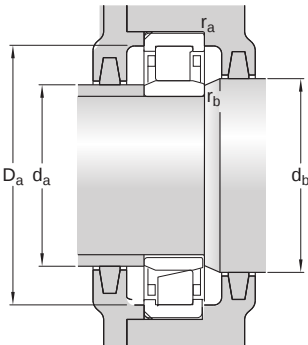
NU 2268 N2MA

Single 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, full complement and high capacity 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



Dimensions		
d	340 mm	Bore diameter
D	620 mm	Outside diameter
B	165 mm	Width
D ₁	≈ 515 mm	Shoulder diameter of outer ring
F	416 mm	Raceway diameter of inner ring
b ₁	15.5 mm	Width of locating slot
h	20 mm	Depth of locating slot
r _{1,2}	min. 6 mm	Chamfer dimension
r _{3,4}	min. 6 mm	Chamfer dimension
s	max. 8 mm	Permissible axial displacement



Abutment dimensions		
d _a	min. 366 mm	Diameter of spacer sleeve
d _a	max. 401 mm	Diameter of spacer sleeve
d _b	min. 421 mm	Diameter of shaft abutment
D _a	max. 594 mm	Diameter of housing abutment

r_a	max. 5 mm	Radius of fillet
r_a	max. 5 mm	Radius of fillet
r_b	max. 5 mm	Radius of fillet

Calculation data

Basic dynamic load rating	C	2 640 kN
Basic static load rating	C_0	4 500 kN
Fatigue load limit	P_u	365 kN
Reference speed		1 000 r/min
Limiting speed		1 200 r/min
Minimum load factor	k_r	0.3
Limiting value	e	0.3
Calculation factor	Y	0.4

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: Normal (), P6, Normal (inch)
- Radial internal clearance: cylindrical bore, tapered bore
- Axial internal clearance: NUP, NJ + HJ

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit