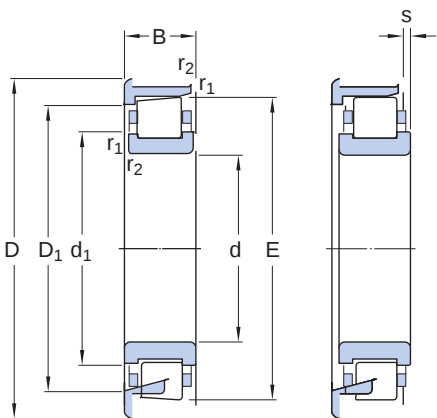


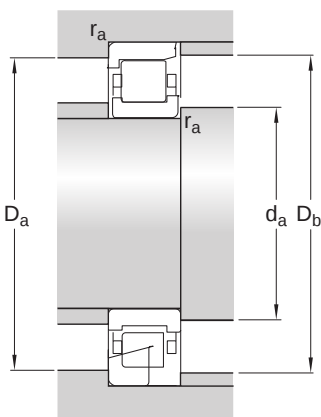
NF 28/1060 ECM/HB1

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	1 060 mm	Bore diameter
D	1 280 mm	Outside diameter
B	128 mm	Width
d ₁	≈ 1 140 mm	Shoulder diameter of inner ring
D ₁	≈ 1 209.2 mm	Shoulder diameter of outer ring
E	1 228 mm	Raceway diameter of outer ring
r _{1,2}	min. 6 mm	Chamfer dimension
s	max. 3.5 mm	Permissible axial displacement



Abutment dimensions		
d _a	min. 1 083 mm	Diameter of spacer sleeve
D _a	max. 1 257 mm	Diameter of housing abutment
D _b	min. 1 130.2 mm	Diameter of housing abutment
r _a	max. 5 mm	Radius of fillet

Calculation data

Basic dynamic load rating	C	3 800 kN
Basic static load rating	C ₀	10 200 kN
Fatigue load limit	P _u	630 kN
Reference speed		360 r/min
Limiting speed		360 r/min
Minimum load factor	k _r	0.06
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