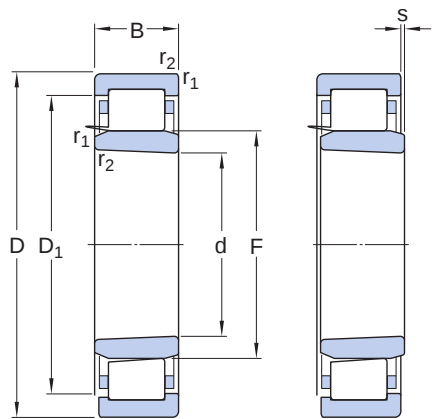


NU 39/1060 ECKMA/HA1

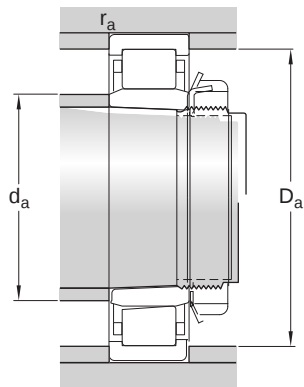
Single row cylindrical roller bearings are designed to accommodate high radial loads in combination with high speeds. The tapered bore enables the bearings to be mounted on a tapered shaft seat or on a cylindrical shaft seat using an adapter or withdrawal sleeve. Having two integral flanges on the outer ring and no flanges on the inner ring, NU design bearings can accommodate axial displacement in both directions. An important feature is the separable design, which facilitates mounting and enables the bearing components to be interchanged.



- High radial load carrying capacity
- Low friction
- Long service life
- Accommodate axial displacement in both directions
- Separable design



Dimensions		
d	1 060 mm	Bore diameter
D	1 400 mm	Outside diameter
B	250 mm	Width
D ₁	≈ 1 298 mm	Shoulder diameter of outer ring
F	1 146 mm	Raceway diameter of inner ring
r _{1,2}	min. 7.5 mm	Chamfer dimension
s	max. 17.5 mm	Permissible axial displacement



Abutment dimensions		
da	min. 1 028 mm	Diameter of spacer sleeve
da	max. 1 140 mm	Diameter of spacer sleeve
Da	max. 1 372 mm	Diameter of housing abutment
ra	max. 6 mm	Radius of fillet

Calculation data

Basic dynamic load rating	C	9 130 kN
Basic static load rating	C ₀	24 000 kN
Fatigue load limit	P _u	1 460 kN
Reference speed		280 r/min
Limiting speed		340 r/min
Minimum load factor	k _r	0.12
Limiting value	e	0
Calculation factor	Y	0

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