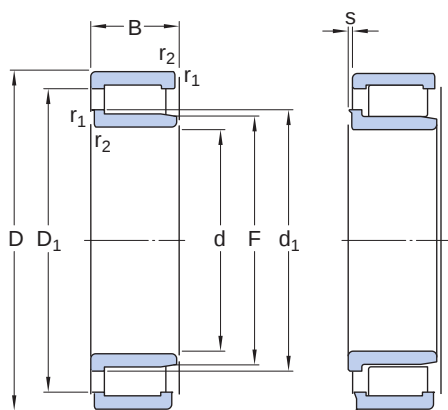


NJG 2313 VH

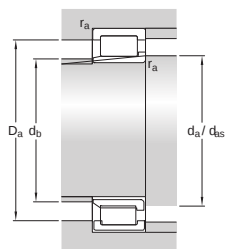
Single row full complement cylindrical roller bearings are designed to accommodate very high radial loads in combination with moderate speeds. The bearings incorporate a maximum number of rollers as they are not equipped with a cage. Having two integral flanges on the outer ring and one on the inner ring, NJG design bearings can accommodate axial displacement in one direction. A self-retaining roller complement enables the bearing components to be separated, which facilitates mounting and enables the bearing components to be interchanged.



- Very high radial load carrying capacity
- High radial stiffness
- Long service life
- Locate the shaft axially in one direction
- Separable design



Dimensions		
d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
d ₁	≈ 89.9 mm	Shoulder diameter inner ring
D ₁	≈ 116 mm	Shoulder diameter outer ring
F	80.7 mm	Raceway diameter inner ring
s	max. 3 mm	Permissible axial displacement from the normal position of one bearing ring relative to the other
r _{1,2}	min. 2.1 mm	Chamfer dimension



Abutment dimensions		
d _a	min. 77 mm	Abutment diameter shaft
d _{as}	85.3 mm	Abutment diameter shaft

d_b	max. 78 mm	Abutment diameter shaft
D_a	max. 128 mm	Abutment diameter housing
r_a	max. 2 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	303 kN
Basic static load rating	C_0	360 kN
Fatigue load limit	P_u	46.5 kN
Reference speed		1 900 r/min
Limiting speed		2 400 r/min
Calculation factor	k_r	0.35
Limiting value	e	0.3
Calculation factor	Y	0.4

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: Normal
- Radial internal clearance: table

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit