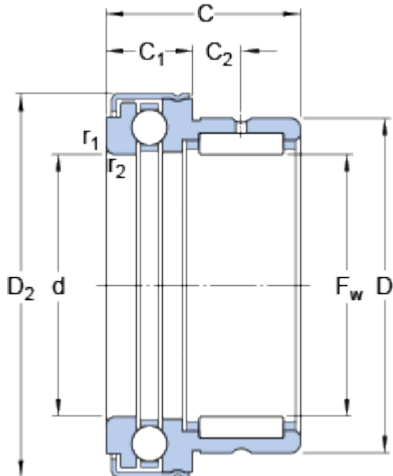


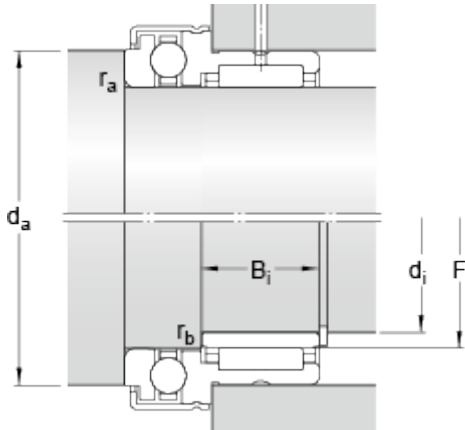
# NKX 50 Z

## Dimensions



F <sub>w</sub>	50	mm
D	62	mm
C	35	mm
C <sub>1</sub>	14	mm
C <sub>2</sub>	10	mm
d	50	mm
D <sub>2</sub>	71.5	mm
r <sub>1,2</sub>	min. 0.6	mm

## Abutment dimensions



d <sub>a</sub>	min. 65.5	mm
r <sub>a</sub>	max. 0.6	mm
r <sub>b</sub>	max. 0.6	mm
d <sub>i</sub>	45	mm
F	50	mm
B <sub>i</sub>	25	mm

## Calculation data

Basic dynamic load rating, radial direction	C	38	kN
Basic static load rating, radial direction	C	78	kN
Basic dynamic load rating, axial direction	C	28.6	kN
Basic static load rating, axial direction	C	81.5	kN
Fatigue load limit, radial direction	P <sub>u</sub>	9.65	kN
Fatigue load limit, axial direction	P <sub>u</sub>	3.05	kN
Minimum axial load factor	A	0.034	
Reference speed		4300	r/min
Limiting speed		3600	r/min

## Mass

Mass bearing	0.3	kg
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## Associated products

Inner ring	IR 45x50x25
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