



Dimensions

D_i	1.095,5 mm	Inner diameter outer ring
	0,7 mm	Inner diameter outer ring upper tolerance
	0 mm	Inner diameter outer ring lower tolerance
d_a	1.092,5 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,7 mm	Outside diameter inner ring lower tolerance
d_B	18 mm	Fixing bore
L_a	1.170 mm	Pitchcircle diameter fixing holes outer ring
n_a	16	Number of fixing holes in outer ring
L_i	1.012 mm	Pitchcircle diameter fixing holes inner ring
n_i	20	Number of fixing holes in inner ring
$F_{r\text{zul}}$	141.000 N	Max. radial load fixing screws (friction locking)
h_A	20 mm	Ring cross section

Temperature range

T_{min}	-25 °C	Operating temperature min.
T_{max}	80 °C	Operating temperature max.

Calculation factors

C_a	198.000 N	Basic dynamic load rating, axial
C_{0a}	780.000 N	Basic static load rating, axial
C_r	179.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0r}	290.000 N	Basic static load rating, radial (for radial load only)



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Moments about all axes



Grease Lubrication



Sealed on both sides



Large bearing