



Dimensions

h_a	44,5 mm	Width outer ring
L_a	785 mm	Pitchcircle diameter fixing holes outer ring
n_a	36	Number of fixing holes in outer ring
b	44,5 mm	Width gearing
m	6 mm	Modul of gearing
z	138	Number of teeth
d_0	828 mm	Pitch circle diameter gearing
$F_{z \text{ norm}}$	21.300 N	Max. tooth force root fatigue strenght (at a shock factor of 1,2)
$F_{z \text{ max}}$	31.500 N	Max. tooth force against tooth fracture (at a shock factor of 1,35)
d_a	743 mm	Outside diameter inner ring
	0 mm	Outside diameter inner ring upper tolerance
	-0,6 mm	Outside diameter inner ring lower tolerance
h	44,5 mm	Height of individual ring
d_B	14 mm	Fixing bore
L_i	698 mm	Pitchcircle diameter fixing holes inner ring
n_i	40	Number of fixing holes in inner ring
	M12	Tread fixing bore
t_G	20 mm	Thread depth oil connector
	0,05 mm	Running accuracy A (related to the raceway)
	0,05 mm	Running accuracy B (related to the raceway)
	0,08 mm	Running accuracy C (related to the raceway)
	0,08 mm	Running accuracy D (related to the raceway)

Temperature range








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



Calculation factors

C_a	275.000 N	Basic dynamic load rating, axial
C_{0a}	970.000 N	Basic static load rating, axial
C_r	195.000 N	Basic dynamic load rating, radial (for radial load only)
C_{0r}	475.000 N	Basic static load rating, radial (for radial load only)
VSP max	0,04 mm	Maximum bearing preload
VSP min	0,01 mm	Min. bearing preload
$F_{r\text{ zul}}$	148.700 N	Max. radial load fixing screws (friction locking)

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