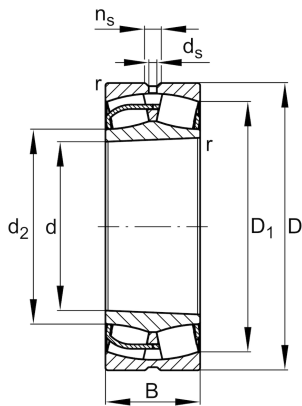


Technical information



Main Dimensions & Performance Data

d	300 mm	Bore diameter
D	500 mm	Outside diameter
B	200 mm	Width
C_r	3.950.000 N	Basic dynamic load rating, radial
C_{0r}	6.400.000 N	Basic static load rating, radial
C_{ur}	500.000 N	Fatigue load limit, radial
n_G	1.100 1/min	Limiting speed
n_{gr}	450 1/min	Reference speed
	153,26 kg	Weight

Additional information

r_{min}	5 mm	Minimum chamfer dimension
D_1	422,8 mm	Bore diameter outer ring
	AH24160	Withdrawal sleeve
d_2	338,2 mm	Raceway diameter of the inner ring
d_s	8 mm	Diameter lubrication hole
n_s	15 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	320 mm	Minimum diameter shaft shoulder
$D_{a max}$	480 mm	Maximum diameter of housing shoulder
$r_{a max}$	4 mm	Maximum recess radius

Calculation factors

e	0,39	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,72	Dynamic axial load factor
Y_2	2,56	Dynamic axial load factor
Y_0	1,68	Static axial load factor

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.