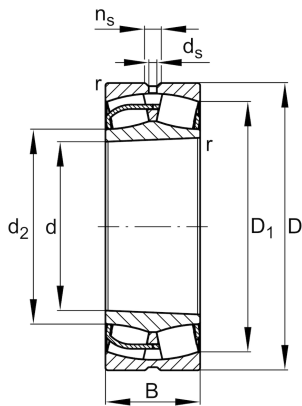


Technical information



Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	420 mm	Outside diameter
B	140 mm	Width
C_r	2.290.000 N	Basic dynamic load rating, radial
C_{0r}	3.950.000 N	Basic static load rating, radial
C_{ur}	370.000 N	Fatigue load limit, radial
n_G	1.420 1/min	Limiting speed
n_{gr}	800 1/min	Reference speed
	66,17 kg	Weight

Additional information

r_{min}	4 mm	Minimum chamfer dimension
D_1	370,5 mm	Bore diameter outer ring
	AH24056	Withdrawal sleeve
d_2	310,3 mm	Raceway diameter of the inner ring
d_s	6,3 mm	Diameter lubrication hole
n_s	12,2 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	294,6 mm	Minimum diameter shaft shoulder
$D_{a max}$	405,4 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius

Calculation factors

e	0,3	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,23	Dynamic axial load factor
Y_2	3,32	Dynamic axial load factor
Y_0	2,18	Static axial load factor

Temperature range

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