



FAG



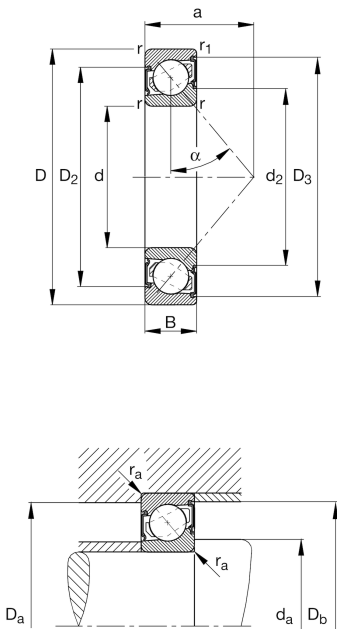
7304-B-XL-2RS-TVP

Angular contact ball bearing

Angular contact ball bearing 73..-B-XL-2RS-TVP, single row, X-life, seals, plastic cage

X-life

Technické informace



Vaše aktuální varianta produktu

Design variant	B	B
Sealing	2RS	Contact seal on both sides
Cage	TVP	solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P6	Class6 (P6), better than PN
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA14	Ball bearing grease, low noise, standard for D<=62mm

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	21.700 N	Basic dynamic load rating, radial
C _{0r}	11.100 N	Basic static load rating, radial
C _{ur}	770 N	Fatigue load limit, radial
n _G	8.600 1/min	Limiting speed
≈m	0,148 kg	Hmotnost



Mounting dimensions

$d_{a\ min}$	27 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	45 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	47,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius of shaft
$r_{a1\ max}$	0,6 mm	Maximum fillet radius of housing

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1\ min}$	0,6 mm	Minimum chamfer dimension
D_1	39,74 mm	Shoulder diameter on outer ring wide side face
D_2	41,41 mm	Caliber diameter on outer ring wide side face
D_3	47,09 mm	Caliber diameter on outer ring small side face
d_1	33,04 mm	Shoulder diameter on inner ring wide side face
d_2	29,98 mm	Caliber diameter on inner ring wide side face
a	22,6 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	100 °C	Operating temperature max.

Vlastnosti

	Radiální zatížení
	Axiální zatížení v jednom směru
	Celoživotní mazání bez nutnosti údržby
	Mazání (plastickým) mazivem
	Utěsněné na obou stranách