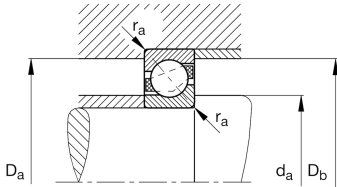
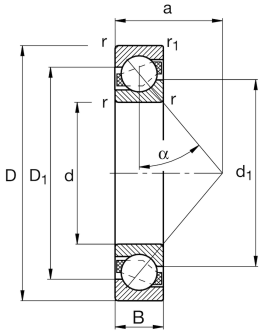


**FAG****7028-XL-MP-UA**

Angular contact ball bearing

Angular contact ball bearing 70..-XL-MP,  
single row, X-life, solid brass cage**X-life**

## Teknik bilgiler



## Ihre aktuelle Produktvariante

Type of Seal	Without	Not sealed
Cage	MP	Solid brass cage, ball guided
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Bearing with matched conditions for fitting in pairs	UA	Bearing set with small axial internal clearance
Lubricant	Without	Bearing not greased

## Main Dimensions &amp; Performance Data

d	140 mm	Bore diameter
D	210 mm	Outside diameter
B	33 mm	Width
C <sub>r</sub>	130.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	144.000 N	Basic static load rating, radial
C <sub>ur</sub>	7.500 N	Fatigue load limit, radial
n <sub>G</sub>	5.200 1/min	Limiting speed
n <sub>gr</sub>	3.250 1/min	Reference speed
m	3,8 kg	Gewicht



### Mounting dimensions

$d_{a \min}$	148,8 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	201,2 mm	Maximum diameter of housing shoulder
$D_{b \max}$	205,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1 mm	Maximum fillet radius of housing

### Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$r_{1 \min}$	1 mm	Minimum chamfer dimension
$D_1$	184,62 mm	Shoulder diameter on outer ring wide side face
$d_1$	166,82 mm	Shoulder diameter on inner ring wide side face
$a$	67 mm	Distance between the apexes of the pressure cones
$\alpha$	30 °	Contact angle






### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

### Additional information

$A_{\min}$	60 $\mu\text{m}$	Axial clearance per set min.
Tol (+)	12 $\mu\text{m}$	Tolerance for axial clearance or preload per set

### Eigenschaften

	Radiale Last
	Axiale Last aus einer Richtung
	Fettschmierung
	Ölschmierung
	Nicht abgedichtet