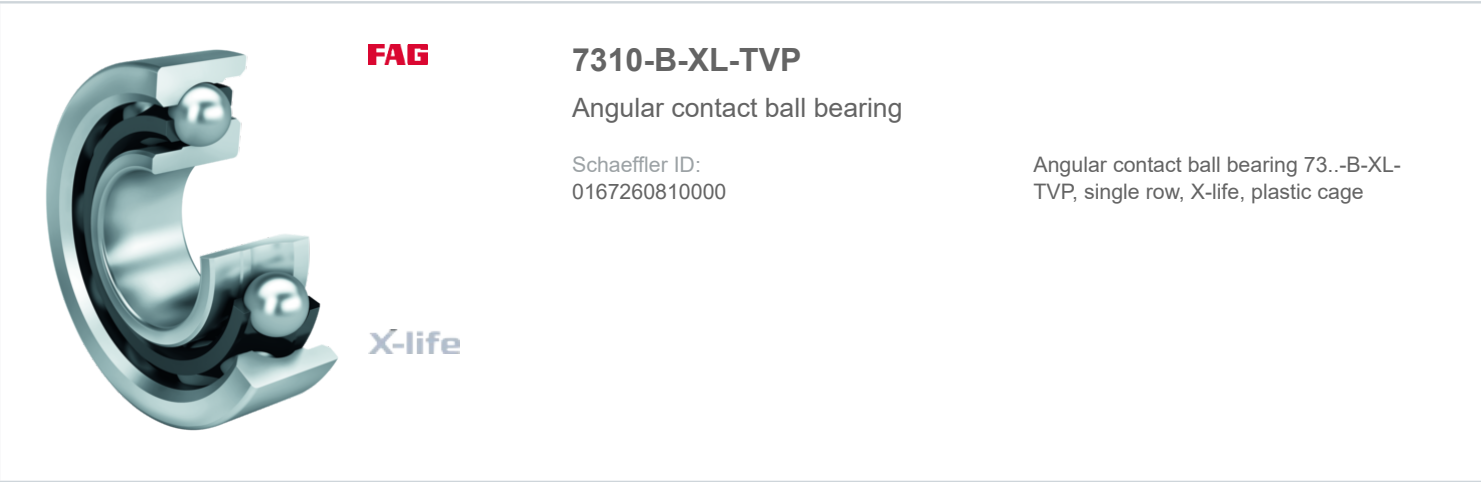
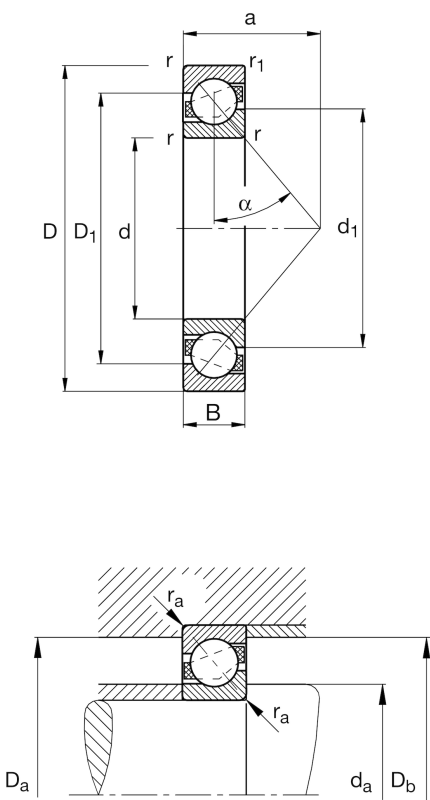




Technical information



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
D_1	87,6 mm	Shoulder diameter on outer ring wide side face
d_1	73,1 mm	Shoulder diameter on inner ring wide side face
a	47 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle
	1,055 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C_r	80.000 N	Basic dynamic load rating, radial
C_{0r}	50.000 N	Basic static load rating, radial
C_{ur}	3.500 N	Fatigue load limit, radial
n_G	8.400 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed

Mounting dimensions

$d_{a min}$	61 mm	Minimum diameter of shaft shoulder
$D_{a max}$	99 mm	Maximum diameter of housing shoulder
$D_{b max}$	104,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

Temperature range		
T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.