SCHAEFFLER

Angular contact ball bearings

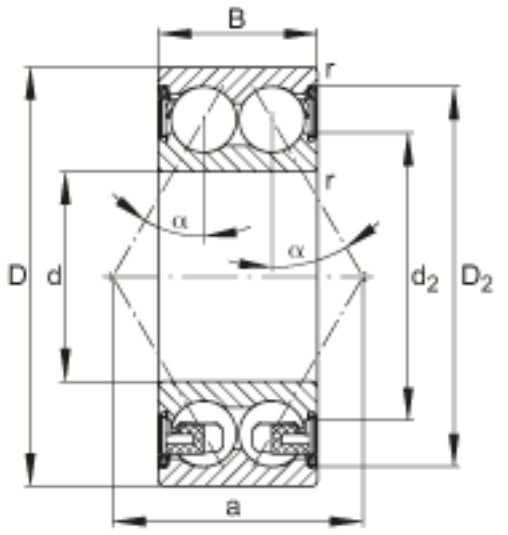
3204-BD-XL-2Z-TVH (Series 32..-BD-2Z)

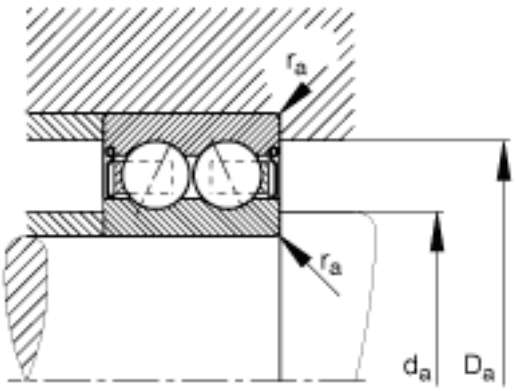
main dimensions to DIN 628-3, double row, gap seals on both sides, contact angle α = 30°

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	20	mm	
D	47	mm	
B	20,6	mm	
a	27,9	mm	
D_2	42,2	mm	
d_2	29,2	mm	
$D_{a\ max}$	41,4	mm	
$d_{a\ min}$	25,6	mm	
$r_{a\ max}$	1	mm	
r_{min}	1	mm	
α	30	°	Contact angle

m	0,153 kg	Mass
C_r	20600 N	Basic dynamic load rating, radial
C_{0r}	12900 N	Basic static load rating, radial
C_{ur}	900 N	Fatigue limit load, radial
n_G	12100 1/min	Limiting speed
$n_{\vartheta r}$	14700 1/min	Reference speed




r_a
r_a
d_a
D_a