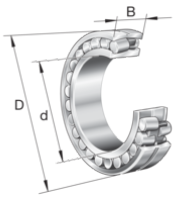
SCHAEFFLER



FAG

★ 24064-BEA-XL-MB1

Spherical roller bearing

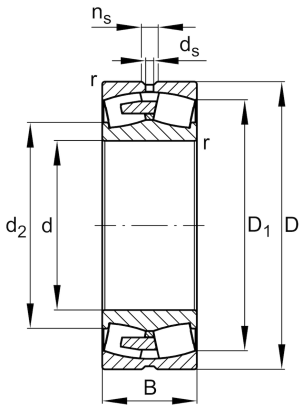
Schaeffler ID:
0699383340000

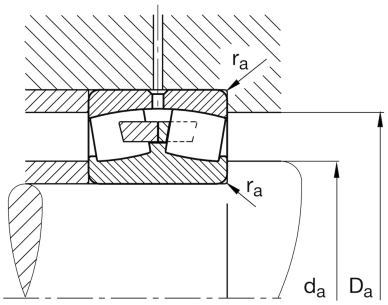
Spherical roller bearing 240..-BEA-XL-MB1, symmetric 2 outer ribs with rib washer

★ Preferred product

X-life

Technical information





Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.
	101,175 kg	Weight

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	480 mm	Outside diameter
B	160 mm	Width
C_r	2.950.000 N	Basic dynamic load rating, radial
C_{0r}	5.200.000 N	Basic static load rating, radial
C_{ur}	465.000 N	Fatigue load limit, radial
n_G	1.200 1/min	Limiting speed
$n_{\vartheta r}$	670 1/min	Reference speed

Dimensions

r_{min}	4 mm	Minimum chamfer dimension
D_1	422,3 mm	Bore diameter outer ring
d_s	8 mm	Diameter lubrication hole
n_s	15 mm	Width of lubricating groove

Mounting dimensions

$d_{a\ min}$	334,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	465,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum recess radius

Additional information

e	0,3	Limiting value of Fa/Fr 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