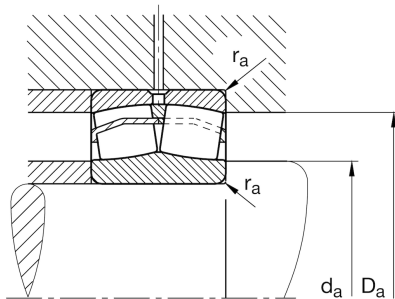
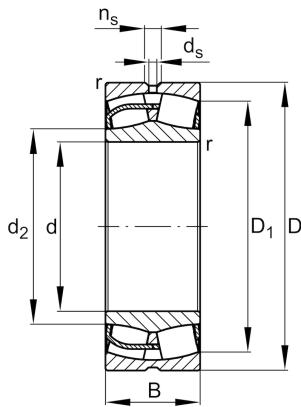


FAG**24148-BE-XL**

Spherical roller bearing

Schaeffler ID:
0687779490000Spherical roller bearing 241..-BE-XL,
symmetric with rib washer**X-life**

Technical information

**Main Dimensions & Performance Data**

d	240 mm	Bore diameter
D	400 mm	Outside diameter
B	160 mm	Width
C_r	2.600.000 N	Basic dynamic load rating, radial
C_{0r}	3.900.000 N	Basic static load rating, radial
C_{ur}	340.000 N	Fatigue load limit, radial
n_G	1.470 1/min	Limiting speed
n_{gr}	650 1/min	Reference speed
	78,52 kg	Weight

Additional information

r_{min}	4 mm	Minimum chamfer dimension
D_1	339 mm	Bore diameter outer ring
d_2	267,3 mm	Raceway diameter of the inner ring
d_s	6,3 mm	Diameter lubrication hole
n_s	12,2 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	257 mm	Minimum diameter shaft shoulder
$D_{a max}$	383 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius

Calculation factors

e	0,39	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,71	Dynamic axial load factor
Y_2	2,54	Dynamic axial load factor
Y_0	1,67	Static axial load factor

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.