



FAG

★ 62306-A-2RSR

Deep groove ball bearing

Schaeffler ID:
0647762800000Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C_r	30.000 N	Basic dynamic load rating, radial
C_{0r}	15.800 N	Basic static load rating, radial
C_{ur}	1.090 N	Fatigue load limit, radial
n_G	6.000 1/min	Limiting speed
	0,486 kg	Weight

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
D_2	62,5 mm	Caliber diameter outer ring
d_1	41,7 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	37 mm	Minimum diameter shaft shoulder
$D_{a max}$	65 mm	Maximum diameter of housing shoulder
$r_{a max}$	1,1 mm	Maximum fillet radius

Temperature range

f_0	13	Calculation factor
T_{min}	-20 °C	Operating temperature min.
T_{max}	110 °C	Operating temperature max.