



FAG

6205-2RSR

Deep groove ball bearing

Schaeffler ID:
0167198240000Deep groove ball bearing 62...-2RSR,
single row, seals, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C_r	14.900 N	Basic dynamic load rating, radial
C_{0r}	7.800 N	Basic static load rating, radial
C_{ur}	530 N	Fatigue load limit, radial
n_G	8.000 1/min	Limiting speed
	0,001 kg	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
D_2	45,4 mm	Caliber diameter outer ring
d_1	33,5 mm	Shoulder diameter inner ring

Mounting dimensions

d_{amin}	30,6 mm	Minimum diameter shaft shoulder
D_{amax}	46,4 mm	Maximum diameter of housing shoulder
r_{amax}	1 mm	Maximum fillet radius

Calculation factors

f_0	13,8	Calculation factor
-------	------	--------------------

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	110 °C	Operating temperature max.