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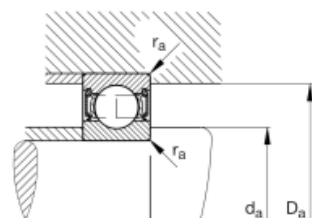
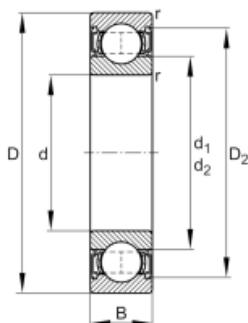
6200-2RSR

Deep groove ball bearing

Schaeffler ID:
0167192550000

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

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	9 mm	Width
C_r	6,300 N	Basic dynamic load rating, radial
C_{0r}	2,600 N	Basic static load rating, radial
C_{ur}	177 N	Fatigue load limit, radial
n_G	16,100 1/min	Limiting speed
	32 g	Weight

Mounting dimensions

$d_{a \min}$	14.2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	25.8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0.6 mm	Maximum fillet radius

Dimensions

r_{\min}	0.6 mm	Minimum chamfer dimension
D_2	25.07 mm	Caliber diameter outer ring
d_1	16.65 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	12	Calculation factor
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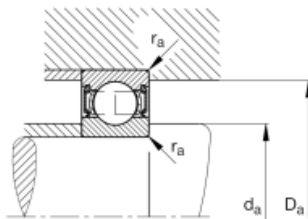
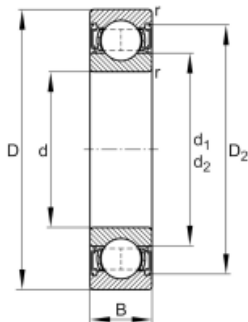
6201-2RSR

Deep groove ball bearing

Schaeffler ID:
0167193280000

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

Technical information



Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
C_r	7,300 N	Basic dynamic load rating, radial
C_{0r}	3,100 N	Basic static load rating, radial
C_{ur}	203 N	Fatigue load limit, radial
n_G	14,600 1/min	Limiting speed
	0.035 kg	Weight

Mounting dimensions

$d_{a \min}$	16.2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	27.8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0.6 mm	Maximum fillet radius

Dimensions

r_{\min}	0.6 mm	Minimum chamfer dimension
D_2	27.35 mm	Caliber diameter outer ring
d_1	18.3 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	12.3	Calculation factor
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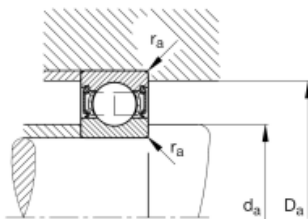
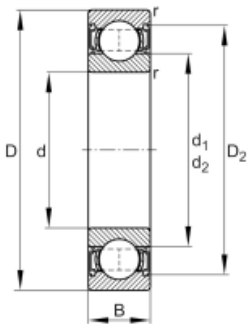
6202-2RSR

Deep groove ball bearing

Schaeffler ID:
0167194330000

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

Technical information



Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C _r	8,200 N	Basic dynamic load rating, radial
C _{0r}	3,750 N	Basic static load rating, radial
C _{ur}	227 N	Fatigue load limit, radial
n _G	12,700 1/min	Limiting speed
	44.2 g	{Weight}

Mounting dimensions

d _{a min}	19.2 mm	Minimum diameter shaft shoulder
D _{a max}	30.8 mm	Maximum diameter of housing shoulder
r _{a max}	0.6 mm	Maximum fillet radius

Dimensions

r _{min}	0.6 mm	Minimum chamfer dimension
D ₂	30.89 mm	Caliber diameter outer ring
d ₁	21.05 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13	Calculation factor
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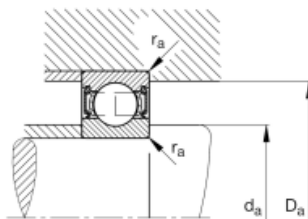
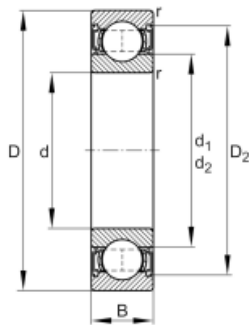
6203-2RSR

Deep groove ball bearing

Schaeffler ID:
0167195570000

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

Technical information



Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	12 mm	Width
C _r	10,100 N	Basic dynamic load rating, radial
C _{0r}	4,750 N	Basic static load rating, radial
C _{ur}	285 N	Fatigue load limit, radial
n _G	11,100 1/min	Limiting speed
	65.8 g	Weight

Mounting dimensions

d _{a min}	21.2 mm	Minimum diameter shaft shoulder
D _{a max}	35.8 mm	Maximum diameter of housing shoulder
r _{a max}	0.6 mm	Maximum fillet radius

Dimensions

r _{min}	0.6 mm	Minimum chamfer dimension
D ₂	34.38 mm	Caliber diameter outer ring
d ₁	24 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13	Calculation factor
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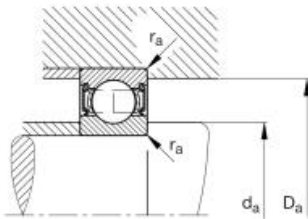
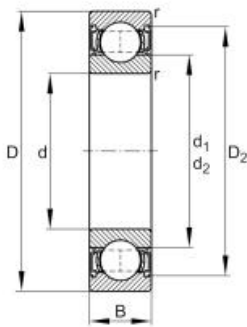
6204-2RSR

Deep groove ball bearing

Schaeffler ID:
0167196890000

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

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	13,600 N	Basic dynamic load rating, radial
C _{0r}	6,600 N	Basic static load rating, radial
C _{ur}	455 N	Fatigue load limit, radial
n _G	9,300 1/min	Limiting speed
	102.8 g	\$(Weight)

Mounting dimensions

d _{a min}	25.6 mm	Minimum diameter shaft shoulder
D _{a max}	41.4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₂	40.96 mm	Caliber diameter outer ring
d ₁	28.75 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13.1	Calculation factor
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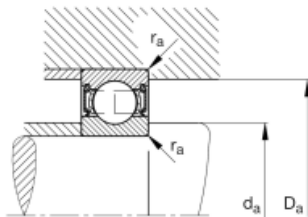
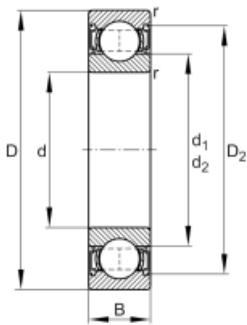
6205-2RSR

Deep groove ball bearing

Schaeffler ID:
0167198240000

Deep 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
	125 g	\$(Weight)

Mounting dimensions

d _{a min}	30.6 mm	Minimum diameter shaft shoulder
D _{a max}	46.4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₂	45.42 mm	Caliber diameter outer ring
d ₁	33.5 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13.8	Calculation factor
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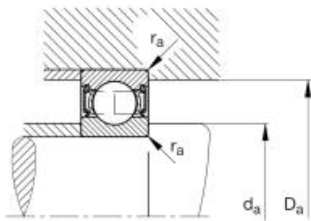
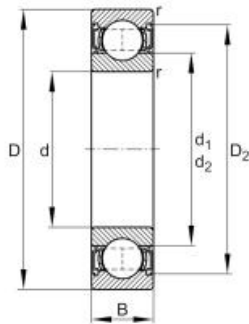
6206-2RSR

Deep groove ball bearing

Schaeffler ID:
0167200240000

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

Technical information



Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
C _r	20,700 N	Basic dynamic load rating, radial
C _{0r}	11,300 N	Basic static load rating, radial
C _{ur}	700 N	Fatigue load limit, radial
n _G	6,700 1/min	Limiting speed
	0.193 kg	Weight

Mounting dimensions

d _{a min}	35.6 mm	Minimum diameter shaft shoulder
D _{a max}	56.4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₂	54.92 mm	Caliber diameter outer ring
d ₁	40 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13.8	Calculation factor
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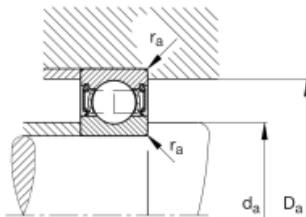
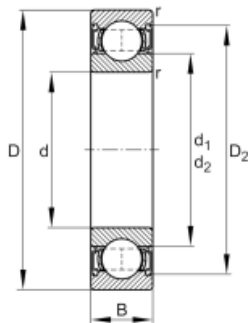
6207-2RSR

Deep groove ball bearing

Schaeffler ID:
0167202100000

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

Technical information



Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	27,500 N	Basic dynamic load rating, radial
C _{0r}	15,300 N	Basic static load rating, radial
C _{ur}	950 N	Fatigue load limit, radial
n _G	5,900 1/min	Limiting speed
	0.283 kg	Weight

Mounting dimensions

d _{a min}	42 mm	Minimum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₂	63.34 mm	Caliber diameter outer ring
d ₁	47.2 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13.8	Calculation factor
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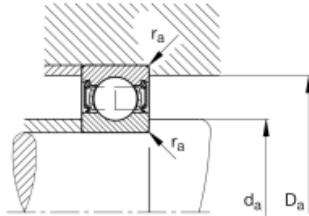
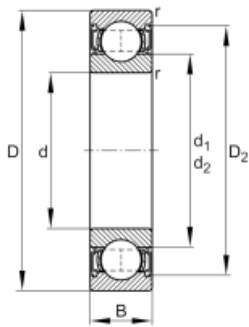
6208-2RSR

Deep groove ball bearing

Schaeffler ID:
0167203850000

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

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C _r	31,000 N	Basic dynamic load rating, radial
C _{0r}	17,800 N	Basic static load rating, radial
C _{ur}	1,080 N	Fatigue load limit, radial
n _G	5,000 1/min	Limiting speed
	0.37 kg	Weight

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
D _{a max}	73 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₂	70.36 mm	Caliber diameter outer ring
d ₁	52.95 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14	Calculation factor
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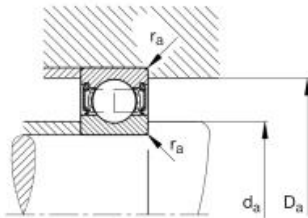
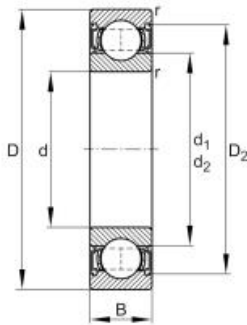
6209-2RSR

Deep groove ball bearing

Schaeffler ID:
0167205390000

Deep groove ball bearing 62...2RSR,
single row, seals, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
C _r	33,000 N	Basic dynamic load rating, radial
C _{0r}	20,300 N	Basic static load rating, radial
C _{ur}	1,400 N	Fatigue load limit, radial
n _G	4,650 1/min	Limiting speed
	0.42 kg	\$(Weight)

Mounting dimensions

d _{a min}	52 mm	Minimum diameter shaft shoulder
D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₂	74.62 mm	Caliber diameter outer ring
d ₁	57.2 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14.3	Calculation factor
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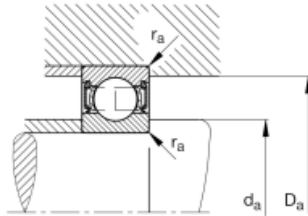
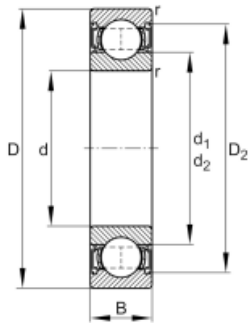
6210-2RSR

Deep groove ball bearing

Schaeffler ID:
0167206600000

Deep groove ball bearing 62...2RSR,
single row, seals, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C _r	39,000 N	Basic dynamic load rating, radial
C _{0r}	24,200 N	Basic static load rating, radial
C _{ur}	1,460 N	Fatigue load limit, radial
n _G	4,300 1/min	Limiting speed
	470.4 g	Weight

Mounting dimensions

d _{a min}	57 mm	Minimum diameter shaft shoulder
D _{a max}	83 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₂	80.04 mm	Caliber diameter outer ring
d ₁	62 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14.3	Calculation factor
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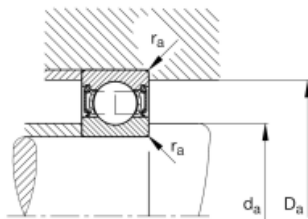
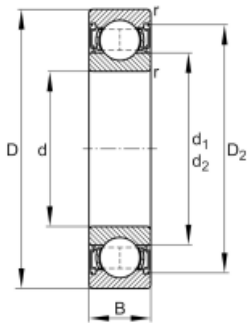
6211-2RSR

Deep groove ball bearing

Schaeffler ID:
0167208140000

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

Technical information



Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	21 mm	Width
C_r	46,000 N	Basic dynamic load rating, radial
C_{0r}	29,000 N	Basic static load rating, radial
C_{ur}	1,770 N	Fatigue load limit, radial
n_G	3,900 1/min	Limiting speed
	0.64 kg	\$(Weight)

Mounting dimensions

$d_{a \min}$	64 mm	Minimum diameter shaft shoulder
$D_{a \max}$	91 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1.5 mm	Maximum fillet radius

Dimensions

r_{\min}	1.5 mm	Minimum chamfer dimension
D_2	88.2 mm	Caliber diameter outer ring
d_1	68.65 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	14.2	Calculation factor
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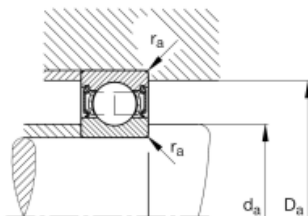
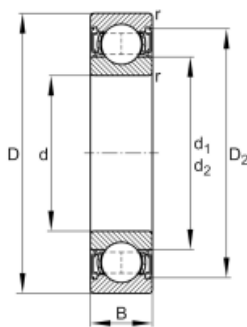
6212-2RSR

Deep groove ball bearing

Schaeffler ID:
0167209380000

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

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C_r	57,000 N	Basic dynamic load rating, radial
C_{0r}	36,500 N	Basic static load rating, radial
C_{ur}	2,550 N	Fatigue load limit, radial
n_G	3,550 1/min	Limiting speed
	0.778 kg	\$(Weight)

Mounting dimensions

$d_{a \min}$	69 mm	Minimum diameter shaft shoulder
$D_{a \max}$	101 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1.5 mm	Maximum fillet radius

Dimensions

r_{\min}	1.5 mm	Minimum chamfer dimension
D_2	97.68 mm	Caliber diameter outer ring
d_1	75.75 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	14.5	Calculation factor
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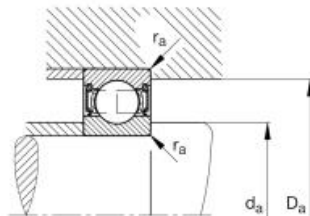
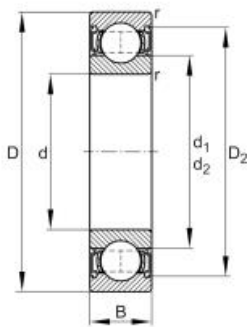
6213-2RSR

Deep groove ball bearing

Schaeffler ID:
0167210470000

Deep groove ball bearing 62...2RSR,
single row, seals, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	23 mm	Width
C_r	63,000 N	Basic dynamic load rating, radial
C_{0r}	41,500 N	Basic static load rating, radial
C_{ur}	2,850 N	Fatigue load limit, radial
n_G	3,250 1/min	Limiting speed
	0.964 kg	\$(Weight)

Mounting dimensions

$d_{a \min}$	74 mm	Minimum diameter shaft shoulder
$D_{a \max}$	111 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1.5 mm	Maximum fillet radius

Dimensions

r_{\min}	1.5 mm	Minimum chamfer dimension
D_2	106.34 mm	Caliber diameter outer ring
d_1	82 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Calculation factors

f_0	14.4	Calculation factor
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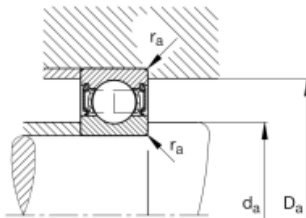
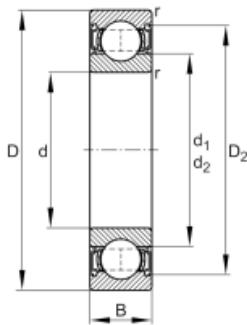
6214-2RSR

Deep groove ball bearing

Schaeffler ID:
016721160000

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

Technical information



Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	24 mm	Width
C _r	66,000 N	Basic dynamic load rating, radial
C _{0r}	44,000 N	Basic static load rating, radial
C _{ur}	3,000 N	Fatigue load limit, radial
n _G	3,100 1/min	Limiting speed
	1.088 kg	Weight

Mounting dimensions

d _{a min}	79 mm	Minimum diameter shaft shoulder
D _{a max}	116 mm	Maximum diameter of housing shoulder
r _{a max}	1.5 mm	Maximum fillet radius

Dimensions

r _{min}	1.5 mm	Minimum chamfer dimension
D ₂	110.72 mm	Caliber diameter outer ring
d ₁	86.75 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14.4	Calculation factor
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