

6336 M Deep groove ball bearings

- Popular item

Deep groove ball bearings

Bearing data

[Tolerances](#),

Normal (metric), P6, P5, Normal (inch),

[Radial internal clearance](#),

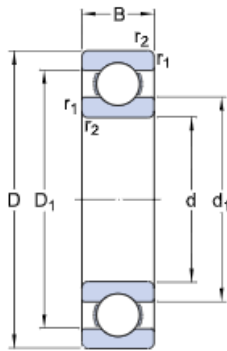
Matched bearing pairs, Stainless steel
d < 10 mm, Other bearings

Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fits](#)

Technical specification

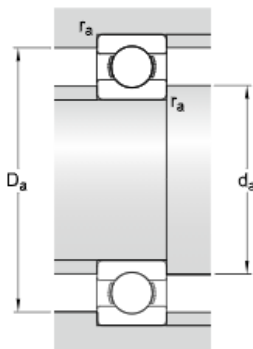


DIMENSIONS

d	180 mm	Bore diameter
D	380 mm	Outside diameter
B	75 mm	Width
d ₁	≈ 244.6 mm	Shoulder diameter
D ₁	≈ 314.2 mm	Shoulder diameter
r _{1,2}	min. 4 mm	Chamfer dimension

ABUTMENT DIMENSIONS

d _ε min.	197 mm	Diameter of shaft abutment
D _i max.	363 mm	Diameter of housing abutment
r _a max.	3 mm	Radius of shaft or housing fillet



CALCULATION DATA

C	351 kN	Basic dynamic load rating
C ₀	405 kN	Basic static load rating
P _u	10.4 kN	Fatigue load limit
	3 600 r/min	Reference speed
	3 200 r/min	Limiting speed
k _r	0.03	Minimum load factor
f ₀	13.9	Calculation factor

MASS

	40.9 kg	Mass bearing
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TOLERANCE CLASS

Normal	Dimensional tolerances
Normal	Radial run-out