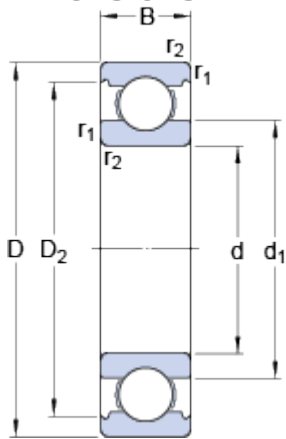


# 6005

SKF Explorer

## Dimensions



d		25	mm
D		47	mm
B		12	mm
d <sub>1</sub>	≈	32	mm
D <sub>2</sub>	≈	42.2	mm
r <sub>1,2</sub>	min.	0.6	mm

## Abutment dimensions



d <sub>a</sub>	min.	28.2	mm
D <sub>a</sub>	max.	43.8	mm
r <sub>a</sub>	max.	0.6	mm

## Calculation data

Basic dynamic load rating	C	11.9	kN
Basic static load rating	C	6.55	kN
Fatigue load limit	P <sub>u</sub>	0.275	kN
Reference speed		32000	r/min
Limiting speed		20000	r/min
Calculation factor	k <sub>r</sub>	0.025	
Calculation factor	f	14	

## Mass

Mass bearing		0.078	kg
--------------	--	-------	----