general data/description

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article 696 ZZ MC5 SN24 NS7 **Art-No.** 54289

brand SKA **weight/kg** 0.0039

remark C0r for hybrid according DIN ISO 76 Bbl 2 - is lower than standard. Rate of rotation = 1.25 x standard.

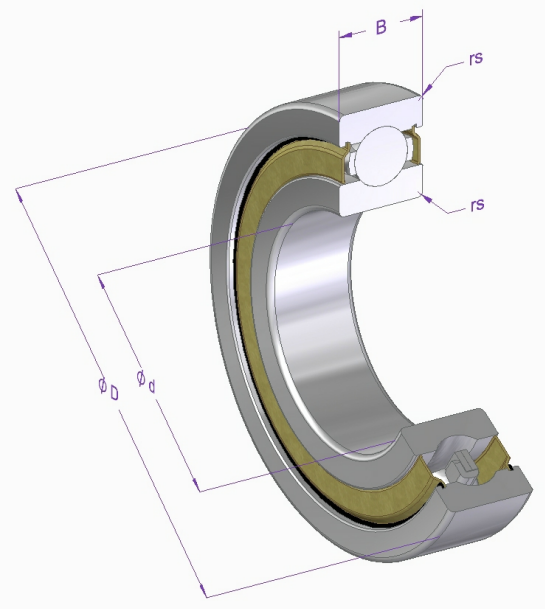
description

696	Size
ZZ	Shields on both sides, not touching
MC5	Internal clearance
SN24	Ceramic rolling

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	6	0 / -8	620-2
D	nominal outer diameter	15	0 / -8	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.2		625-1
MC5	internal clearance	0.013 / 0.020		WERKSNORM

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	1470	22		281	423	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		50000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	20				

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	Si3N4		
Cage	St12		
Shields	St12		
Snap rings	56Mn4		

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