

PRODUCT DATASHEET

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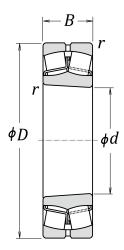
22208EAKE4

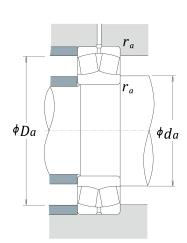
Spherical Roller Bearings

Mass approx.

0.5

Parts Number			
	22208EAKE4C3		
Boundary Dimension	ns		
d	40	mm	Bore diameter
D	80	mm	Outside diameter
В	23	mm	Width
r (min.)	1.1	mm	Chamfer dimension
Basic Load Ratings			
Cr	113000	N	Basic dynamic load rating
C0r	99500	N	Basic static load rating
Speeds			
Thermal Speed Rating (Oil-bath)	7100	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	12000	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	6700	min-1	Grease lubrication
Oil (Oil-bath)	8500	min-1	Oil-bath lubrication
Abutment and Fillet	Dimensions		
da (min.)	47	mm	Diameter of shaft abutment
da (max.)	49	mm	Diameter of shaft abutment
Da (min.)	70	mm	Diameter of housing abutment
Da (max.)	73	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet
Calculation factors			
е	0.28		Constant
Y2	3.6		Axial load Factors
Y3	2.4		Axial load Factors
Y0	2.4		Axial load Factors
Mass			





Mass approx.