



PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:49 (UTC)



23956CAME4

Spherical Roller Bearings



Boundary Dimensions

d	280	mm	Bore diameter
D	380	mm	Outside diameter
B	75	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	1160000	N	Basic dynamic load rating
C0r	1950000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1600	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2000	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	800	min-1	Grease lubrication
Oil (Oil-bath)	950	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	292	mm	Diameter of shaft abutment
Da (min.)	351	mm	Diameter of housing abutment
Da (max.)	368	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

e	0.18	Constant
Y2	5.7	Axial load Factors
Y3	3.8	Axial load Factors
Y0	3.8	Axial load Factors

Mass

Mass approx.	24.5	kg	Mass approx.
--------------	------	----	--------------

