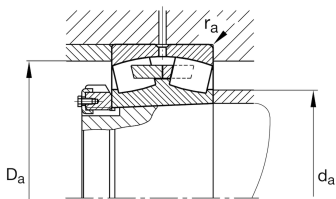
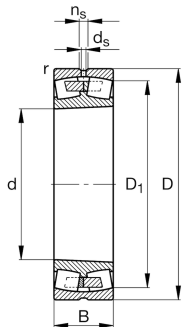
**FAG****239/630-B-K-MB-C3** **Spherical Roller Bearing**

Spherical roller bearings 239...-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

Technical information**Your current product variant**

Design	B	With fixed central rib
Bore type	K	Tapered, taper 1:12
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	630 mm	Bore diameter
D	850 mm	Outside diameter
B	165 mm	Width
C _r	4.100.000 N	Basic dynamic load rating, radial
C _{0r}	9.900.000 N	Basic static load rating, radial
C _{ur}	720.000 N	Fatigue load limit, radial
n _G	740 1/min	Limiting speed
n _{gr}	405 1/min	Reference speed
m	264,5 kg	Weight



Mounting dimensions

d _{a min}	653 mm	Minimum diameter shaft shoulder
D _{a max}	827 mm	Maximum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius
d _{a max}	688 mm	Maximum diameter of shaft shoulder
d _{b min}	649 mm	Minimum cavity diameter of the sleeve
B _{a min}	20 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	6 mm	Minimum chamfer dimension
D ₁	784,5 mm	Bore diameter outer ring
d _s	12,5 mm	Diameter lubrication hole
n _s	23,5 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

e	0,18	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,8	Dynamic axial load factor
Y ₂	5,66	Dynamic axial load factor
Y ₀	3,72	Static axial load factor

Additional information

H39/630-HG	Adapter sleeve
AH39/630-H	Withdrawal sleeve



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment