

FAG 239/710-K-MB + H39/710-HG spherical roller bearings

Question FAG 239/710-K-MB + H39/710-HG spherical roller bearings ? 40 Outer Diameter (mm) Find what you need faster 80 Bore Diameter (mm) by entering your information 80x40x18 Size (mm) .

Size (mm)	80x40x18
Bore Diameter (mm)	80
Outer Diameter (mm)	40
Width (mm)	18
d	40 mm
D	80 mm
B	18 mm
d1	54 mm
D1	67.4 mm
F	49.5 mm
r1,2 – min.	1.1 mm
r3,4 – min.	1.1 mm
da – min.	47 mm
db – min.	56 mm
Da – max.	72.8 mm
ra – max.	1 mm
Basic dynamic load rating – C	62 kN
Basic static load rating – C0	53 kN
Fatigue load limit – Pu	6.7 kN
Reference speed	9500 r/min
Limiting speed	11000 r/min

Calculation factor – k_r	0.15
$d_1 \approx$	54 mm
$D_1 \approx$	67.4 mm
$r_{1,2} \text{ min.}$	1.1 mm
$r_{3,4} \text{ min.}$	1.1 mm
$d_a \text{ min.}$	47 mm
$d_b \text{ min.}$	56 mm
$D_a \text{ max.}$	72.8 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	62 kN
Basic static load rating C_0	53 kN
Fatigue load limit P_u	6.7 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.47 kg