

INA S1710 needle roller bearings

High 50 Outer Diameter (mm) Quality INA S1710 needle roller bearings. Competitive Pricing. Accept Small Order. Easy 110x50x27 Size (mm) and Fast Shipping.

Size (mm)	110x50x27
Bore Diameter (mm)	110
Outer Diameter (mm)	50
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
d1	71.2 mm
D1	91.4 mm
F	65 mm
r1,2 – min.	2 mm
r3,4 – min.	2 mm
s	1.9 mm
da – min.	60 mm
da – max.	63 mm
db – min.	73 mm
Da – max.	99.6 mm
ra – max.	2 mm
Basic dynamic load rating – C	127 kN
Basic static load rating – C0	112 kN
Fatigue load limit – Pu	15 kN
Reference speed	6700 r/min

Limiting speed	8000 r/min
Calculation factor – k_r	0.15
$d_1 \approx$	71.2 mm
$D_1 \approx$	91.4 mm
$r_{1,2} \text{ min.}$	2 mm
$r_{3,4} \text{ min.}$	2 mm
$s \text{ max.}$	1.9 mm
$d_a \text{ min.}$	60 mm
$d_a \text{ max.}$	63 mm
$d_b \text{ min.}$	73 mm
$D_a \text{ max.}$	99.6 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	127 kN
Basic static load rating C_0	112 kN
Fatigue load limit P_u	15 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.17 kg
Angle ring	HJ 310 EC