



NSK?INDUSTRIA CUSCINETTI S.P.A.

100 mm x 165 mm x 52 mm FAG 23120-E1A-K-M + AHX3120 spherical roller bearings

Bearing No. 23120-E1A-K-M + AHX3120

Size	95x165x52 mm
Bore Diameter	95 mm
Outer Diameter	165 mm
Width	52 mm
d_{1H}	95 mm
D	165 mm
B	52 mm
a	4 mm
b	11 mm
D_1	146,3 mm
$D_{a\ max}$	154 mm
d	100 mm
d_{2G}	M110X2
$d_{a\ min}$	111 mm
d_s	3,2 mm
l	64 mm
n_s	6,5 mm
$r_{a\ max}$	2 mm
r_{min}	2 mm
	AHX3120 / Designation, withdrawal sleeve
m	4,2 kg / Weight
m_1	0,67 kg / Weight, withdrawal sleeve
C_r	450000 N / Dynamic load

23120-E1A-K-M + AHX3120 Bearing 2D drawings and 3D CAD models



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	rating (radial)
e	0,28
Y ₁	2,37
Y ₂	3,53
C _{0r}	570000 N / Static load rating (radial)
Y ₀	2,32
n _G	4000 1/min / Limiting speed
n _B	2800 1/min / Reference speed
C _{ur}	52000 N / Fatigue limit load, radial