

# IKO GE 15EC plain bearings

What is IKO GE 15EC plain bearings in mechanical engineering?  
Manufacturing Service . Upload your CAD file for an 120x55x29  
Size (mm) instant. 120 Bore Diameter (mm)

Size (mm)	120x55x29
Bore Diameter (mm)	120
Outer Diameter (mm)	55
Width (mm)	29
d	55 mm
D	120 mm
B	29 mm
d1	77.5 mm
E	106.5 mm
r1,2 – min.	2 mm
r3,4 – min.	2 mm
s	2 mm
da – min.	65 mm
da – max.	104 mm
Da – min.	109 mm
Da – max.	111 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	156 kN
Basic static load rating – C0	143 kN
Fatigue load limit – Pu	18.6 kN
Reference speed	6000 r/min
Limiting speed	9500 r/min

Calculation factor – $k_r$	0.12
$d_1 \approx$	77.5 mm
$r_{1,2} \text{ min.}$	2 mm
$r_{3,4} \text{ min.}$	2 mm
$s \text{ max.}$	2 mm
$d_a \text{ min.}$	65 mm
$d_a \text{ max.}$	104 mm
$D_a \text{ min.}$	109 mm
$D_a \text{ max.}$	111 mm
$r_a \text{ max.}$	2 mm
$r_b \text{ max.}$	2 mm
Basic dynamic load rating C	156 kN
Basic static load rating $C_0$	143 kN
Fatigue load limit $P_u$	18.6 kN
Calculation factor $k_r$	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.73 kg