



Bearing No. GEZ 312 ESX-2LS

D	149.225 mm
d	95.25 mm
B	83.337 mm
C	71.425 mm
b	10.5 mm
M	6.5 mm
?	6 °
?	6 °
Size (mm)	149.225x95.25x83.337
Lubricant	Maintenance free – greased for life
Width (mm)	83,337
b ₁	8 mm
b ₁	8 mm
d _k	136.906 mm
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Bearing number	GEZ 312 ESX-2LS
Sealing solution	Triple-lip seals
d _a max.	108.6 mm
d _a min.	101.2 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
D _a min.	131.4 mm
D _a max.	143.1 mm
r _a max.	0.6 mm
r _b max.	1 mm
Mass plain bearing	5.8 kg
Bore Diameter (mm)	149,225
Outer Diameter (mm)	95,25
d _a - min.	101.2 mm

r_2 - min.	1 mm
r_1 - min.	0.6 mm
r_b - max.	1 mm
r_a - max.	0.6 mm
D_a - max.	143.1 mm
D_a - min.	131.4 mm
d_a - max.	108.6 mm
Constant - K_M	330
Basic dynamic load rating C	1180 kN
Basic dynamic load rating - C	1180 kN
Specific dynamic load factor K	150 N/mm ²
Material constant K_M	330
Specific factor dynamic load - K	150 N/mm ²
Basic static load rating C_0	2360 kN
Basic static load rating - C_0	2360 kN
Specific static load factor K_0	300 N/mm ²
Specific factor static load - K_0	300 N/mm ²
Design (sliding contact surface combination)	Steel/steel