



Bearing No. GEZ 312 ES-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	Regular relubrication – grease
Width (mm)	83,337
b <sub>1</sub>	8 mm
b <sub>1</sub>	8 mm
d <sub>k</sub>	136.906 mm
d <sub>k</sub>	136.906 mm
Bearing number	GEZ 312 ES-2LS
Sealing solution	Triple-lip seals
d <sub>a</sub> max.	108.6 mm
d <sub>a</sub> min.	101.2 mm
r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	0.6 mm
D <sub>a</sub> min.	131.4 mm
D <sub>a</sub> max.	143.1 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	1 mm
Mass plain bearing	5.8 kg
Bore Diameter (mm)	149,225
Outer Diameter (mm)	95,25
d <sub>a</sub> - 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	780 kN
Basic dynamic load rating - C	780 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Material constant $K_M$	330
Specific factor dynamic load - K	100 N/mm <sup>2</sup>
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 <sup>2</sup>
Specific factor static load - $K_0$	300 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel