



Bearing No. GEZM 100 ES-2LS

D	41.275 mm
d	25.4 mm
B	38.1 mm
C	19.05 mm
b	3.2 mm
M	2.5 mm
?	5 °
?	5 °
Size (mm)	41.275x25.4x38.1
Lubricant	Regular relubrication – grease
Width (mm)	38,1
b <sub>1</sub>	3 mm
b <sub>1</sub>	3 mm
d <sub>k</sub>	36.5 mm
d <sub>1</sub>	30.988 mm
d <sub>k</sub>	36.5 mm
Bearing number	GEZM 100 ES-2LS
Sealing solution	Triple-lip seals
d <sub>a</sub> max.	31 mm
d <sub>a</sub> min.	28.2 mm
r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	0.6 mm
D <sub>a</sub> min.	35.2 mm
D <sub>a</sub> max.	37.7 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	1 mm
Mass plain bearing	0.15 kg
Bore Diameter (mm)	41,275
Outer Diameter (mm)	25,4

$d_a$ - min.	28.2 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.	37.7 mm
$D_a$ - min.	35.2 mm
$d_a$ - max.	31 mm
$d_1$ ?	30.988 mm
Constant - $K_M$	330
Basic dynamic load rating C	56 kN
Basic dynamic load rating - C	56 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 $C_0$	166 kN
Basic static load rating - $C_0$	166 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