



Bearing No. GEM 45 ES-2LS

D	68 mm
d	45 mm
B	40 mm
C	25 mm
b	4.6 mm
M	3 mm
?	4 °
?	4 °
Size (mm)	68x45x40
Lubricant	Regular relubrication – grease
Width (mm)	40
b ₁	4.6 mm
b ₁	4.6 mm
d _k	60 mm
d ₁	52 mm
d _k	60 mm
Bearing number	GEM 45 ES-2LS
Sealing solution	Triple-lip seals
d _a max.	52 mm
d _a min.	49.6 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
D _a min.	61 mm
D _a max.	63.6 mm
r _a max.	0.6 mm
r _b max.	1 mm
Mass plain bearing	0.49 kg
Bore Diameter (mm)	68
Outer Diameter (mm)	45

d_a - min.	49.6 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.	63.6 mm
D_a - min.	61 mm
d_a - max.	52 mm
d_1 ?	52 mm
Constant - K_M	330
Basic dynamic load rating C	127 kN
Basic dynamic load rating - C	127 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K_M	330
Specific factor dynamic load - K	100 N/mm ²
Basic static load rating C_0	640 kN
Basic static load rating - C_0	640 kN
Specific static load factor K_0	500 N/mm ²
Specific factor static load - K_0	500 N/mm ²
Design (sliding contact surface combination)	Steel/steel