



Bearing No. GEH 50 ESX-2LS

D	90 mm
d	50 mm
B	56 mm
C	36 mm
b	6.2 mm
M	4 mm
?	17 °
?	17 °
Size (mm)	90x50x56
Lubricant	Maintenance free – greased for life
Width (mm)	56
b ₁	6.2 mm
b ₁	6.2 mm
d _k	80 mm
d _k	80 mm
Bearing number	GEH 50 ESX-2LS
Sealing solution	Triple-lip seals
d _a max.	57.1 mm
d _a min.	55.8 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
D _a min.	79.7 mm
D _a max.	84.2 mm
r _a max.	0.6 mm
r _b max.	1 mm
Mass plain bearing	1.6 kg
Bore Diameter (mm)	90
Outer Diameter (mm)	50
d _a - min.	55.8 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.	84.2 mm
D_a - min.	79.7 mm
d_a - max.	57.1 mm
Constant - K_M	330
Basic dynamic load rating C	365 kN
Basic dynamic load rating - C	365 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	1220 kN
Basic static load rating - C_0	1220 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