



Bearing No. GEH 70 ESX-2LS

D	120 mm
d	70 mm
B	70 mm
C	45 mm
b	7.7 mm
M	4 mm
?	16 °
?	16 °
Size (mm)	120x70x70
Lubricant	Maintenance free – greased for life
Width (mm)	70
b ₁	7.7 mm
b ₁	7.7 mm
d _k	105 mm
d _k	105 mm
Bearing number	GEH 70 ESX-2LS
Sealing solution	Triple-lip seals
d _a max.	78.3 mm
d _a min.	77.5 mm
r ₂ min.	1 mm
r ₁ min.	1 mm
D _a min.	104.4 mm
D _a max.	113.8 mm
r _a max.	1 mm
r _b max.	1 mm
Mass plain bearing	3.4 kg
Bore Diameter (mm)	120
Outer Diameter (mm)	70
d _a - min.	77.5 mm

r_2 - min.	1 mm
r_1 - min.	1 mm
r_b - max.	1 mm
r_a - max.	1 mm
D_a - max.	113.8 mm
D_a - min.	104.4 mm
d_a - max.	78.3 mm
Constant - K_M	330
Basic dynamic load rating C	600 kN
Basic dynamic load rating - C	600 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	2000 kN
Basic static load rating - C_0	2000 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