



Bearing No. GEM 30 ESX-2LS

D	47 mm
d	30 mm
B	30 mm
C	18 mm
b	3.1 mm
M	2 mm
?	4 °
?	4 °
Size (mm)	47x30x30
Lubricant	Maintenance free – greased for life
Width (mm)	30
b ₁	3.1 mm
b ₁	3.1 mm
d _k	40.7 mm
d ₁	34 mm
d _k	40.7 mm
Bearing number	GEM 30 ESX-2LS
Sealing solution	Triple-lip seals
d _a max.	34 mm
d _a min.	33.5 mm
r ₂ min.	0.6 mm
r ₁ min.	0.3 mm
D _a min.	41.3 mm
D _a max.	44 mm
r _a max.	0.3 mm
r _b max.	0.6 mm
Mass plain bearing	0.15 kg
Bore Diameter (mm)	47
Outer Diameter (mm)	30

d_a - min.	33.5 mm
r_2 - min.	0.6 mm
r_1 - min.	0.3 mm
r_b - max.	0.6 mm
r_a - max.	0.3 mm
D_a - max.	44 mm
D_a - min.	41.3 mm
d_a - max.	34 mm
d_1 ?	34 mm
Constant - K_M	330
Basic dynamic load rating C	93 kN
Basic dynamic load rating - C	93 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	310 kN
Basic static load rating - C_0	310 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