



Bearing No. GEM 35 ES-2LS

D	55 mm
d	35 mm
B	35 mm
C	20 mm
b	3.9 mm
M	2.5 mm
?	6 °
?	4 °
Size (mm)	55x35x35
Lubricant	Regular relubrication – grease
Width (mm)	35
b <sub>1</sub>	3.9 mm
b <sub>1</sub>	3.9 mm
d <sub>k</sub>	47 mm
d <sub>1</sub>	40 mm
d <sub>k</sub>	47 mm
Bearing number	GEM 35 ES-2LS
Sealing solution	Triple-lip seals
d <sub>a</sub> max.	40 mm
d <sub>a</sub> min.	38.8 mm
r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	0.6 mm
D <sub>a</sub> min.	48.5 mm
D <sub>a</sub> max.	50.9 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	1 mm
Mass plain bearing	0.25 kg
Bore Diameter (mm)	55
Outer Diameter (mm)	35

$d_a$ - min.	38.8 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.	50.9 mm
$D_a$ - min.	48.5 mm
$d_a$ - max.	40 mm
$d_1$ ?	40 mm
Constant - $K_M$	330
Basic dynamic load rating C	80 kN
Basic dynamic load rating - C	80 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 $C_0$	400 kN
Basic static load rating - $C_0$	400 kN
Specific static load factor $K_0$	500 N/mm <sup>2</sup>
Specific factor static load - $K_0$	500 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel