

# LS GEZ152ET-2RS plain bearings

How do 35 Outer Diameter (mm) I place an EMERGENCY order for a LS GEZ152ET-2RS plain bearings that I 55x35x10 Size (mm) want to pick up at a our store?

Size (mm)	55x35x10
Bore Diameter (mm)	55
Outer Diameter (mm)	35
Width (mm)	10
d	35 mm
D	55 mm
B	10 mm
d1	41.7 mm
d2	40.2 mm
D2	50.3 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	11.4 mm
da – min.	38.2 mm
da – max.	41.3 mm
db – min.	37 mm
db – max.	39.8 mm
Da – max.	51.8 mm
Db – max.	53 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
Basic dynamic load rating – C	7.6 kN

Basic static load rating – C0	4.8 kN
Fatigue load limit – Pu	0.2 kN
Limiting speed for grease lubrication	36000 r/min
Ball – Dw	5.556 mm
Ball – z	19
Calculation factor – f0	8.3
Preload class A – GA	41 N
Preload class B – GB	125 N
Preload class C – GC	250 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – fHC	1
Preload class A	28 N/micron
Preload class B	43 N/micron
Preload class C	59 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	38.2 mm
da max.	41.3 mm
db min.	37 mm
db max.	39.8 mm
Da max.	51.8 mm
Db max.	53 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	7.61 kN
Basic static load rating C0	4.75 kN

Fatigue load limit $P_u$	0.2 kN
Attainable speed for grease lubrication	36000 r/min
Ball diameter $D_w$	5.556 mm
Number of balls $z$	19
Preload class A $G_A$	41 N
Static axial stiffness, preload class A	28 N/ $\mu\text{m}$
Preload class B $G_B$	125 N
Static axial stiffness, preload class B	43 N/ $\mu\text{m}$
Preload class C $G_C$	250 N
Static axial stiffness, preload class C	59 N/ $\mu\text{m}$
Calculation factor $f$	1.05
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.04
Calculation factor $f_{2C}$	1.08
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	8.3
Mass bearing	0.074 kg