

BOX CLAMPS SERIES BX 59

DESCRIPTION

GD Rectifiers Ltd presents a new range of disc cell clamping devices, especially developed for single side applications of the most used press pack semiconductors.

These clamps are designed to protect disc cells from accidental contacts, dust and shocks with an oversized surface spark gap.

For a complete electrical connection pattern, three different types of terminals are available: **F** type (M10 tapped hole), **M** type (M12 stud), and **L** type (lateral plate).

Materials and components used in the manufacturing of these clamps are carefully selected and quality controlled, to ensure the compliance with the requested specifications.

BX series are normally supplied with a specific preset clamping force, to allow an easy and ac-

curate clamping with no special tools. The user shall specify, with the order, semiconductor thickness and clamping force value.

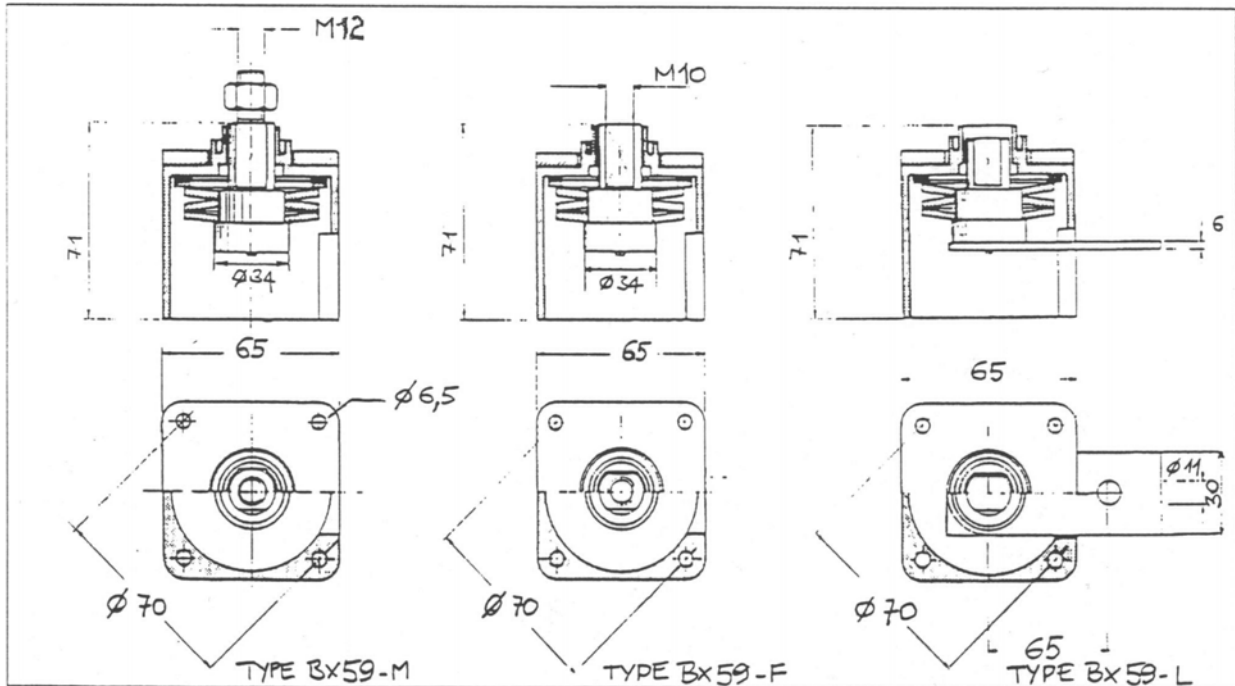
HOW TO ORDER

BX59 - (X) - (Y) - (Z), where X specifies type of connection (**M,F,L**), Y the calibration force (kN), and Z the cell height (mm).
e.g. BX59 - M - 12 - 26

TECHNICAL CHARACTERISTICS

Dimensions	see figures
Clamping force up to	15 kN ± 10%
Case Material	Noryl SE1GFN2
Operating Temp. Range	-40°C ÷ +90°C
Dielectric Strength	6kV rms 50Hz
Semiconductor Diameter	59mm max.
Semiconductor Thickness	25,4 to 31mm
Weight	500g approx.
Fixing Screws	Not supplied with Clamp

Special designs are available on demand, please contact GD Rectifiers Ltd for details.



Drawings not in scale