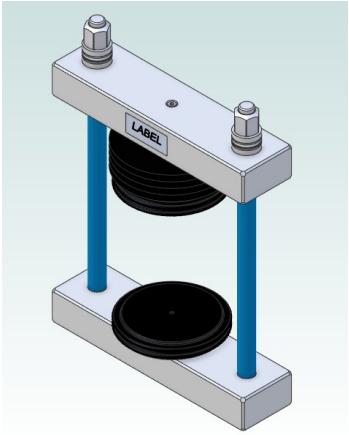
RGAPxFx...

High pressure press-pack semiconductor mounting clamps

PRELIMINARY TECHNICAL INFORMATION

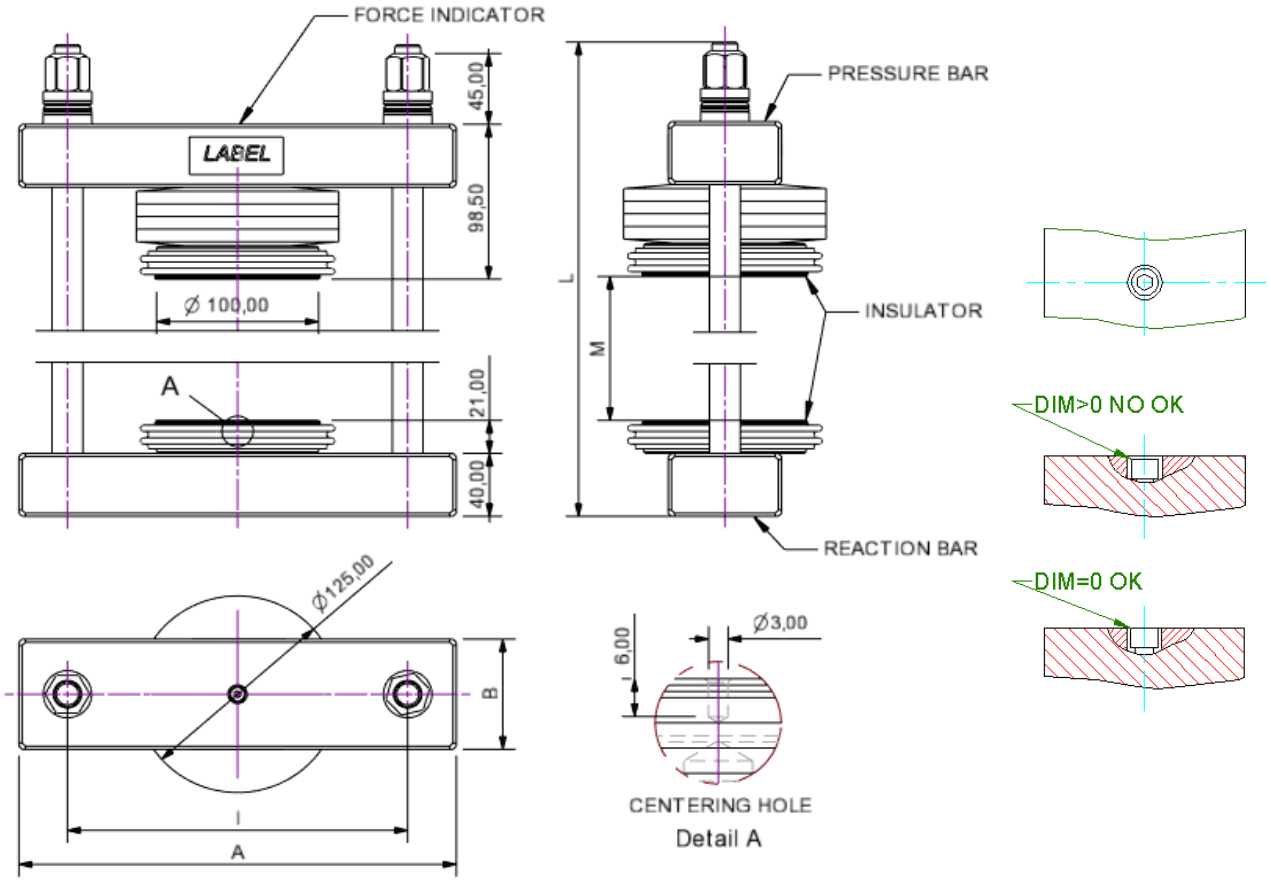
HIGHLIGHTS

-High reliability
-Corrosion protection zinc treatment (RoHS directive)
-Even pressure distribution.
-Easy mounting (ball bearing included)
-Insulation >10000 V_{RMS}/1min.
-Standard type and single-sided and double-sided options
-8 inter-axis options from 180 mm. to 250 mm.
-Studs insulation with high resistance to abrasion and cutting
-Clamping range available from 45kN up to 140 kN.
-Calibrating clamping force tolerances: -5% to +10%



non-contractual image

STANDARD RGAPCFx DIMENSIONS



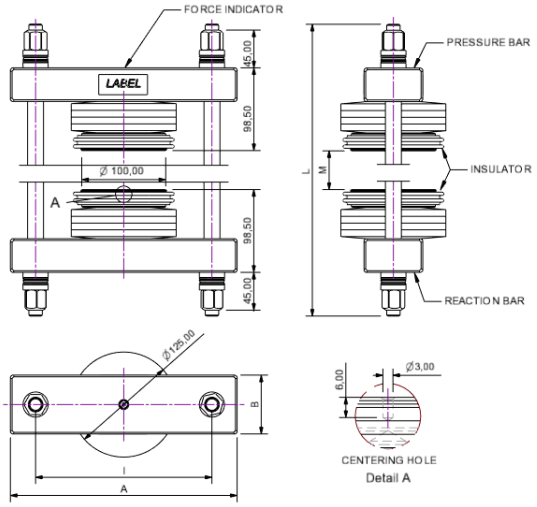
Dim.	RGAPxFR	RGAPxFS	RGAPxFT	RGAPxFV	RGAPxFW	RGAPxFX	RGAPxFY	RGAPxFZ
I	180	190	200	210	220	230	240	250
A	240	250	260	270	280	290	300	310
B	70	70	70	70	80	80	80	80
Ømax	160	170	180	190	200	210	220	230

All dimensions in mm.

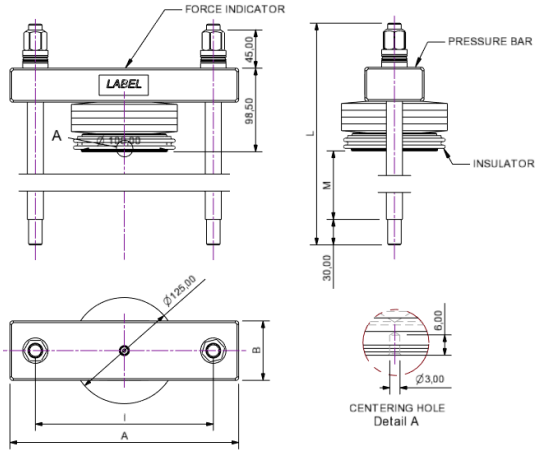
250228 Rev.:0

Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

OPTIONAL VERSIONS DIMENSIONS



RGAPxDx



RGAPxSx

ORDER CODES

RGAP x F x 000 / 000 / 000
(1) (2) (3) (4) (5) (6) (7)

1- Series type.
2- Type construction (C, S or D)
3- Fixed item.
4- Inter-axis code (R; S; T; V; W; X; Y or Z. See table)
5- Nominal clamping force (kN).
6- “M” Nominal thickness clamping (mm.).
7- “L” Nominal rod length (mm.).

"L" dimension depend on "M" value (total thickness of semiconductor and heat sinks),and is given by:

RGAPCFx type : L=M+212
RGAPSFx type : L=M+180
RGAPDFx type : L=M+301

Adjust "L" to superior value in multiple of 5 mm. Maximum standard value of "L": 990 mm. (M16).
Recommended hole diameter for isolator tube: Ø20.00 mm. (minimum).
Ømax. of device corresponds to I – 20 mm.

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MOUNTING CONSIDERATIONS

For mounting the clamps RGAP are used two threaded rods for the pressuring of (M16) and is obtained when the indicator is flush with the surface of the pressure bar. It works by means of an elastic system that pressures the centre of the device.

The pressure force is attained tighten each screw by an eighth of a turn alternately.

During tightening, check that the parallelism between the pressure bar and the base is maintained.

If the clamping force is exceeded, loosen in the opposite direction until the force indicator is flush again (the clamp behaves symmetrically).

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Your Needs, Our Solutions