

SUPPORT 100 KG OPTIBRACKET

TEST REPORT

144120 / 1

Date received: 04-07-12

Date of test: 13-07-12

Date of issue: 19-07-12

Sample name: S-220P SUPPORT 100 KG OPTIBRACKET TRAVERSE DE 800 MM ET NIVEAU (420 x 400 MM)

Bracket: Concentrated load strength

Sample description declared: S-220P SUPPORT 100 KG OPTIBRACKET TRAVERSE DE 800 MM ET NIVEAU (420 x 400 MM)

Load application point distance from the vertical element:

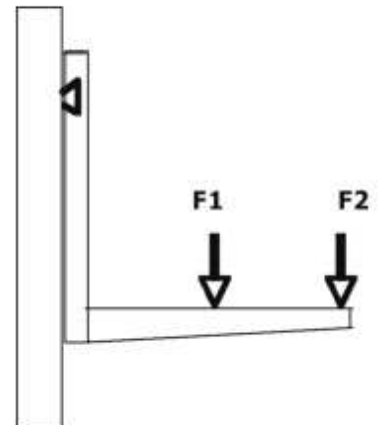
F1=190 mm (mid point of crossbar)

F2=365 mm (end of the crossbar)

Fixing: n.2 screw M8+washer Ø24mm thickness 2 mm

Test equipment: Instron Dynamometer 5585

Test speed: 30 mm/min



Test results:

Specimen n°	Maximum load N	Displacement at maximum load mm	Remarks
F1=190 mm	930	34,7	Permanent deformation of bracket has been noticed
F2=365 mm	486	56,1	Permanent deformation of bracket has been noticed

Note: Area at the end of linear behavior: F1) Around 670 N; F2) Around 350 N

Attached: Load-displacement curves.