

Sensor Model: 30E15A
Body Load Rating: 100L300

I. Overload Capabilities:

All overload values are for no damage, no re-calibration required.

- Single Axis Loading:

Axis	Max. Load
F_x	550 lb
F_y	550 lb
F_z	2200 lb
M_x	1250 in-lb
M_y	1250 in-lb
M_z	1050 in-lb

- Combined Loading:

Both equations must be satisfied at all times.

$$F_x/550 + F_y/1000 + F_z/2200 + M_x/1250 + M_z/1050 \leq 1$$

$$F_x/1000 + F_y/550 + F_z/2200 + M_y/1250 + M_z/1050 \leq 1$$

II. Approximate Stiffnesses:

Axis	Stiffness
$F_{x,y}$	0.11e6 lb/in
F_z	1.2e6 lb/in
$M_{x,y}$	0.78e6 inlb/rad
M_z	0.24e6 inlb/rad