

Skid Steer Tri-axial [70060]

This is a high capacity tri-axial sensor used to measure the performance of a skid steer utility vehicle. High extraneous load handling capabilities.



SPECIFICATIONS

Capacities..... $F_x=F_z=20000\text{lbs}$, $F_y=10000\text{lbs}$
Overload capacity..... 150% of F.S.
Output at F.S..... $F_x=F_z=1.5\text{mV/V}$, $F_y=2.0\text{mV/V}$ nominal
Non-linearity..... 1.0% of F.S.
Hysteresis..... 1.0% of F.S.
Zero balance..... 1% of F.S.
Crosstalk % of F.S.< 5%
Useable temperature..... -65 to +250°F
Temperature effect on zero..... 0.002% of F.S./°F
Temperature effect on span..... 0.002% of Rdg./°F
Bridge resistance..... 350 Ohms
Excitation voltage, maximum..... 15 Vdc
Material AISI 4140