

Test Number: A01_133

Vehicle: 00 MERCEDES S430 FRONT Test Date: 02/21/01

Test Description: TWG 3.3.3.1: KNEELING AT WINDOW

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

UPPER RIB TO KUPPER A/B MODULE (HORIZ): 4 1/16

HEAD CG TO RH UP CRN OF G/B: 22 1/16 INCHES

HEAD CG TO HEAD PILLAR CENTER: 18 3/8 INCHES

Injury Numbers:

- HIC15: 13@ 9.9 TO 24.9 (15MS)
 - Chest Deflection: 25.0 @10.8 (mm)
 - Deflection Rate: 8.5 @5.9 (m/s)
 - NIJ 10: 1.02 @ 15.0 MS NET
 - o Tension (+FZ): 963.09 (N)
 - o Compression (-FZ): -342.68 (N)
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