

Test Number: A01_48

Vehicle: 00 MERCEDES S430 FRONT Test Date: 09/21/00

Test Description: TWG 3.3.3.1: KNEELING AT WINDOW

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

HEAD CG TO RH UPPER CORNER OF GLOVE BOX: 22 INCHES

HEAD CG TO HEAD PILLAR CENTER: 16 13/16 INCHES

UPPER RIB TO UPPER EDGE OF SIDE AIRBAG: 3 7/8 INCHES

Injury Numbers:

- HIC15: 29@ 420.8 TO 429.1 (8.7MS)
 - Chest Deflection: 11.4 @9.76 (mm)
 - Deflection Rate: 3.4 @5.3 (m/s)
 - NIJ 10: 1.0 @ 14.5 MS NET
 - o Tension (+FZ): 505.43 (N)
 - o Compression (-FZ): -312.49 (N)
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