

Test Number: A01_53

Vehicle: 00 MERCEDES S430 FRONT Test Date: 09/26/00

Test Description:NHTSA DOOR-04-3:MCW W/ HEAD CG @ VERT C/L

A/B LOC.: DOOR

Dummy: 3YO-070

Measurements:

TIP OF NOSE TO UPPER RIGHT HAND CORNER OF G. BOX: 20 7/16 INCHES

HEAD CG TO CENTER PILLAR: 17 INCHES

MIDDLE NECK TO ARMREST: 2 ¾ INCHES

Injury Numbers:

- HIC15: 1171@ 2.9 TO 7.9 (5MS)
 - Chest Deflection: 1.6 @3.3 (mm)
 - Deflection Rate: .8 @68.3 (m/s)
 - NIJ 10: .55 @ 4.1 MS NEC
 - o Tension (+FZ): 792.08 (N)
 - o Compression (-FZ): -895.51 (N)
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