

Q-series dummies in safety testing

date: 2020-09-15



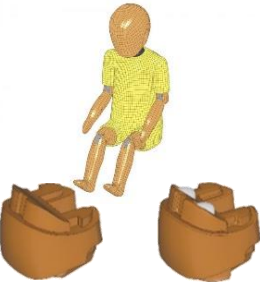
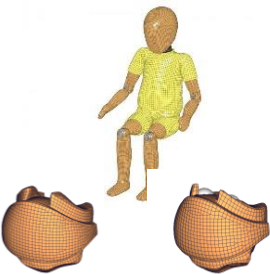

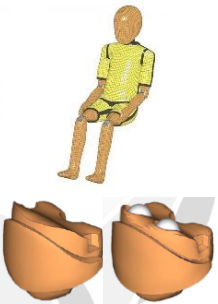
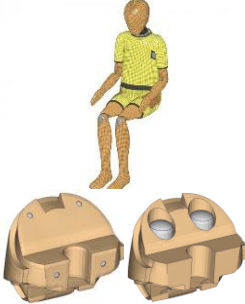
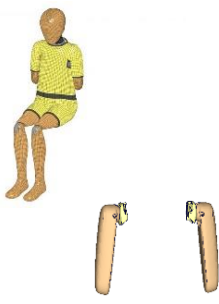
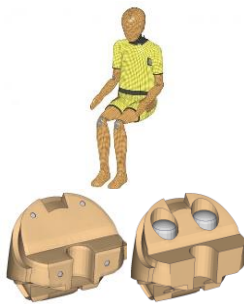
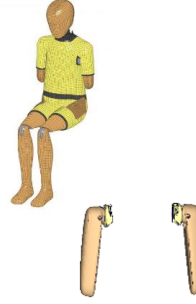
Q dummy configurations – CRS regulation + consumer ratings

	ADAC 2020		ECE R129 (Reference Dekra)	
	frontal impact	side impact	frontal impact	side impact
Q1.5	Q1.5		Q1.5 +APTS	
Q3	Q3 +APTS +hip liner	Q3 +APTS +hip liner	Q3 +APTS +hip liner	Q3 +APTS +hip liner
Q6	Q6 +APTS +hip liner	Q6 +APTS +hip liner	Q6 +APTS +hip liner	Q6 +APTS +hip liner
Q10	Q10 +EUNCAP kit <u>+hip shields</u>		Q10 +APTS +hip liner or hipshields	Q10 +APTS +hip liner or hipshields <i>(Only head2door contact requirement)</i>

Q dummy configurations – CAR assessment programmes

	EUNCAP 2020		KNCAP 2020		ANCAP 2020		AseanNCAP/ LatinNCAP 2020		CNCAP 2022
	frontal impact	side impact	frontal impact	side impact	frontal impact	side impact	frontal impact	side impact	frontal impact
Q1.5							Q1.5	Q1.5	
Q3							Q3	Q3	Q3
Q6	Q6	Q6	Q6	Q6	Q6	Q6			
Q10	Q10 +EUNCAP kit <u>+hip shields</u>	Q10 +EUNCAP kit +SK <u>+hip shields</u>	Q10 (+EUNCAP kit) <u>+hip shields</u>	Q10 (+EUNCAP kit) + SK <u>+hip shields</u>	Q10 (+EUNCAP kit) <u>+hip shields</u>	Q10 (+EUNCAP kit) + SK <u>+hip shields</u>			Q10 +APTS +EUNCAP kit <u>+hip shields</u>

Available Q dummy models – Overview

Q0	Q1	Q1.5 with or w/o APTS	Q3 with or w/o APTS	Q3S
				
Q6 with or w/o APTS	Q10 with or w/o APTS	Q10 SK	Q10 2020 with or w/o APTS	Q10 2020 SK
				

Available Q dummy models – Overview

	Model	Version	Explanation
Q10	Q10	1.8	Represents the original Q10 hardware (ECE R129)
	Q10 APTS	1.8	Q10 model but includes APTS sensor in the abdomen, (ADAC/ECE R129)
	Q10 <i>EuroNCAP 2020</i>	1.5	Represents the Q10 as specified by Q6 (EuroNCAP, ANCAP, KNCAP,ADAC)including the Cellbond and Humanetics upgrade kit.
	Q10 APTS <i>EuroNCAP 2020</i>	1.5	Q10 2020 model but includes APTS sensor in the abdomen (C-NCAP 2022)
Q10-SK	Q10-SK	1.7	Q10 model for Side Impact (ECE R129)
	Q10-SK <i>EuroNCAP 2020</i>	1.5	Q10 2020 model for Side Impact (EuroNCAP,ANCAP,KNCAP) coming out in October 2020
Q6	Q6	2.1.2	Model represents the original Q6 (EuroNCAP, ANCAP, KNCAP)
	Q6 APTS	2.1.2	Q6 model but includes APTS sensor in the abdomen, (ADAC/ECE R129)
Q3	Q3	1.6.1	Brand new state-of art model that represents the standard Q3 hardware (Latin and ASEAN NCAP,CNCAP 2022)
	Q3 APTS	1.6.2	Q3 model but includes APTS sensor in the abdomen (ADAC, ECE R129)
Q1.5	Q1.5	1.0.1	Model represents the original Q1.5 (Latin and ASEAN NCAP)
	Q1.5 APTS	1.0.1	Q1.5 model but includes APTS sensor in the abdomen, (ADAC/ECE R129)