

Product Synthesis

HUMAN PREFERRED ANGLES CATALOG 2 (HAC)

CATIA V5R18





Product Synthesis

Human Preferred Angles Catalog

Boost users productivity by providing users with a catalog of preferred angles to optimize manikin postures.

Product overview

Human Preferred Angles Catalog 2 (HAC) provides users with a set of preferred angles that are related to the comfort, safety and strength of different postures. It enables users to quickly optimize human manikin postures.

Better User Experience

Catalogs greatly improve the usage of digital human manikins and enable also to promote human modeling to more users.

Product Highlights

- ☒ Enhance analyses results precision by providing catalogs containing advanced comfort, safety and strength data
- ☒ Optimize manikin posture based on scientific references for comfort, safety and strength
- ☒ Promotes human ergonomics simulation to more users through an improved user experience

Product Key Customers Benefits

Enhance analyses results precision

Based on specialized literature, Human Preferred Angles Catalog 2 (HAC) provides users with a set of preferred angles that are related to the comfort, safety and force of different postures while driving a car, piloting an airplane as well as for standing and working postures. It enables to quickly optimize postures in specific situations. Estimated gains due to the catalog usage can be as high as 70% for novice users, close to 50% for experts.

ABOUT CATIA V5R18

CATIA is Dassault Systemes' PLM solution for digital product definition and simulation.

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