

CGR-Test
#1 cgr (cgr)
Applications



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Name: * [v] As displayed in graph
Type: * [v] Workbench Case sensitive
Color: * [v] Type: * [v]
[Load all types] [More...]

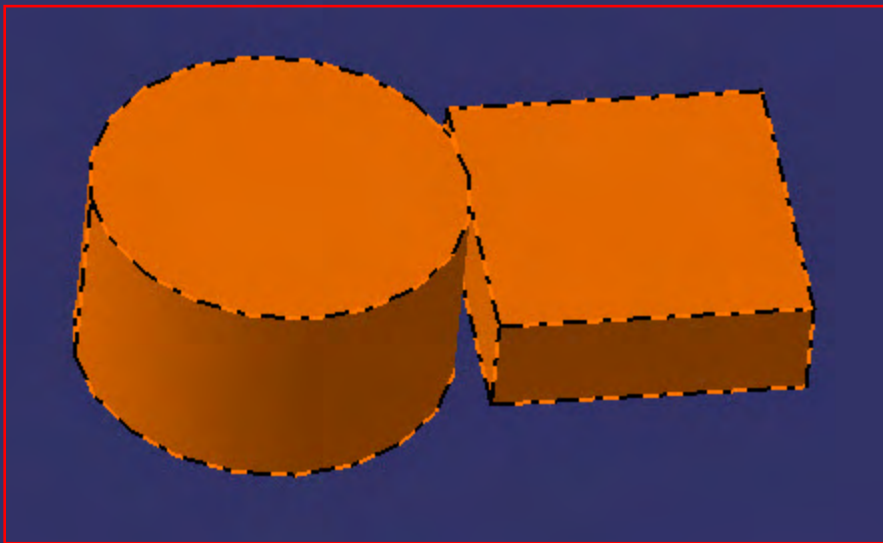
Look: From current selection [v] [v]
 Include topology Published elements only [v]
Query: type=*;sel [v] [v]

1 object found

Name	Path
cgr	\CGR-Test\cgr

[OK] [Select] [Close]

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[Load all types] [More...]

Look: From current selection [v] [v]
 Include topology Published elements only [v]

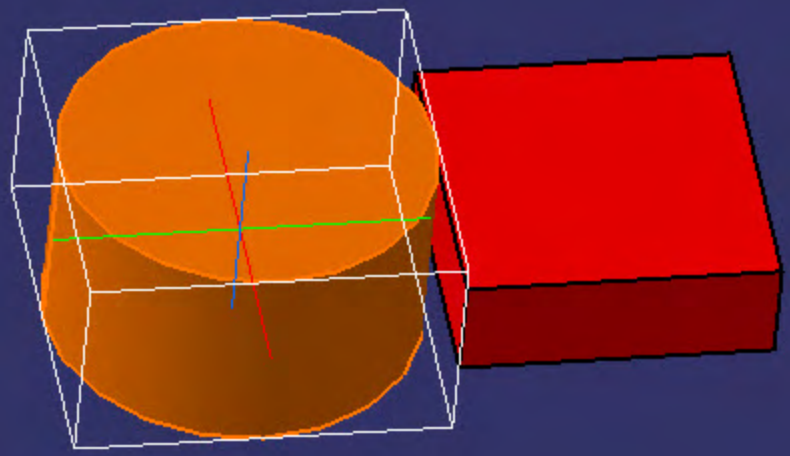
Query: type=*;sel [v] [v]

2 objects found

Name	Path
CATModelForRep3D	\CGR-Test \cgr \Product1.cgr \CAT...
CATModelForRep3D	\CGR-Test \cgr \Product1.cgr \CAT...

[OK] [Select] [Close]

- CGR-Test
 - cgr (cgr)
 - Applications
 - Measure
 - InertiaVolume.3
 - Area=17058,962mm²
 - Volume=160688,837mm³
 - Density=1e-006kg_mm³
 - Mass=0,161kg
 - Gx=80mm
 - Gy=20mm
 - Gz=20mm
 - IoxG=72,797kgxmm²
 - IoyG=72,797kgxmm²
 - IozG=102,744kgxmm²
 - IxyG=1,084e-013kgxmm²
 - IxzG=0kgxmm²
 - IyzG=4,066e-014kgxmm²
 - M1=72,797kgxmm²
 - M2=72,797kgxmm²
 - M3=102,744kgxmm²
 - A1x=0
 - A1y=1
 - A1z=0
 - A2x=1
 - A2y=0
 - A2z=0
 - A3x=0
 - A3y=0
 - A3z=1
 - BBOx=43,944mm
 - BBOy=-16,056mm
 - BBOz=0mm
 - BBLx=72,111mm
 - BBLy=72,111mm
 - BBLz=40mm



Search

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Name: * As displayed in graph
 Case sensitive

Type: * Workbench Type: *

Color: *

Look: Include topology Published elements only

Query: type=*,sel

2 objects found

Name	Path
CATModelForRep3D	\CGR-Test \cgr \Product1.cgr \CAT...
CATModelForRep3D	\CGR-Test \cgr \Product1.cgr \CAT...

Measure Inertia

Definition
 Selection: cgr

Result
 Calculation mode: Approximate
 Type: Volume

Characteristics		Center Of Gravity (G)	
Volume	160688,837mm ³	Gx	80mm
Area	17058,962mm ²	Gy	20mm
Mass	0,161kg	Gz	20mm
Density	1e-006kg_mm ³		

Inertia / G | Inertia / O | Inertia / P | Inertia / Axis | Inertia / Axis System

Inertia Matrix / G

IoxG	72,797kgxmm ²	IoyG	72,797kgxmm ²	IozG	102,744kgxmm ²
IxyG	1,084e-013kgxmm ²	IxzG	0kgxmm ²	IyzG	4,066e-014kgxmm ²

Principal Moments / G

M1	72,797kgxmm ²	M2	72,797kgxmm ²	M3	102,744kgxmm ²
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Principal Axes

A1x	0	A2x	1	A3x	0
A1y	1	A2y	0	A3y	0
A1z	0	A2z	0	A3z	1

Keep measure