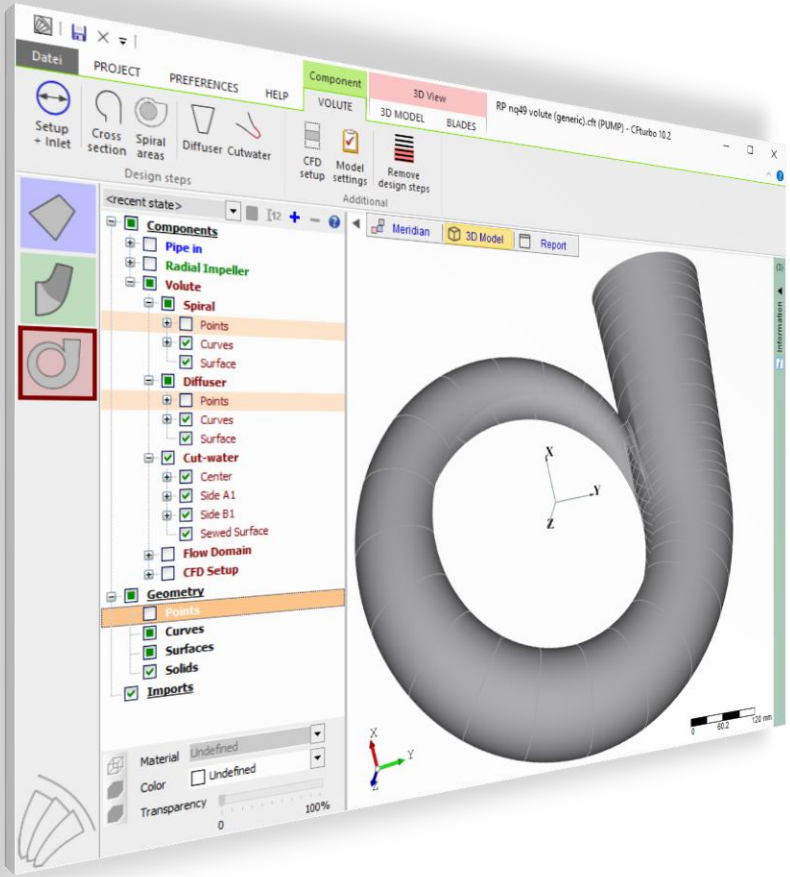
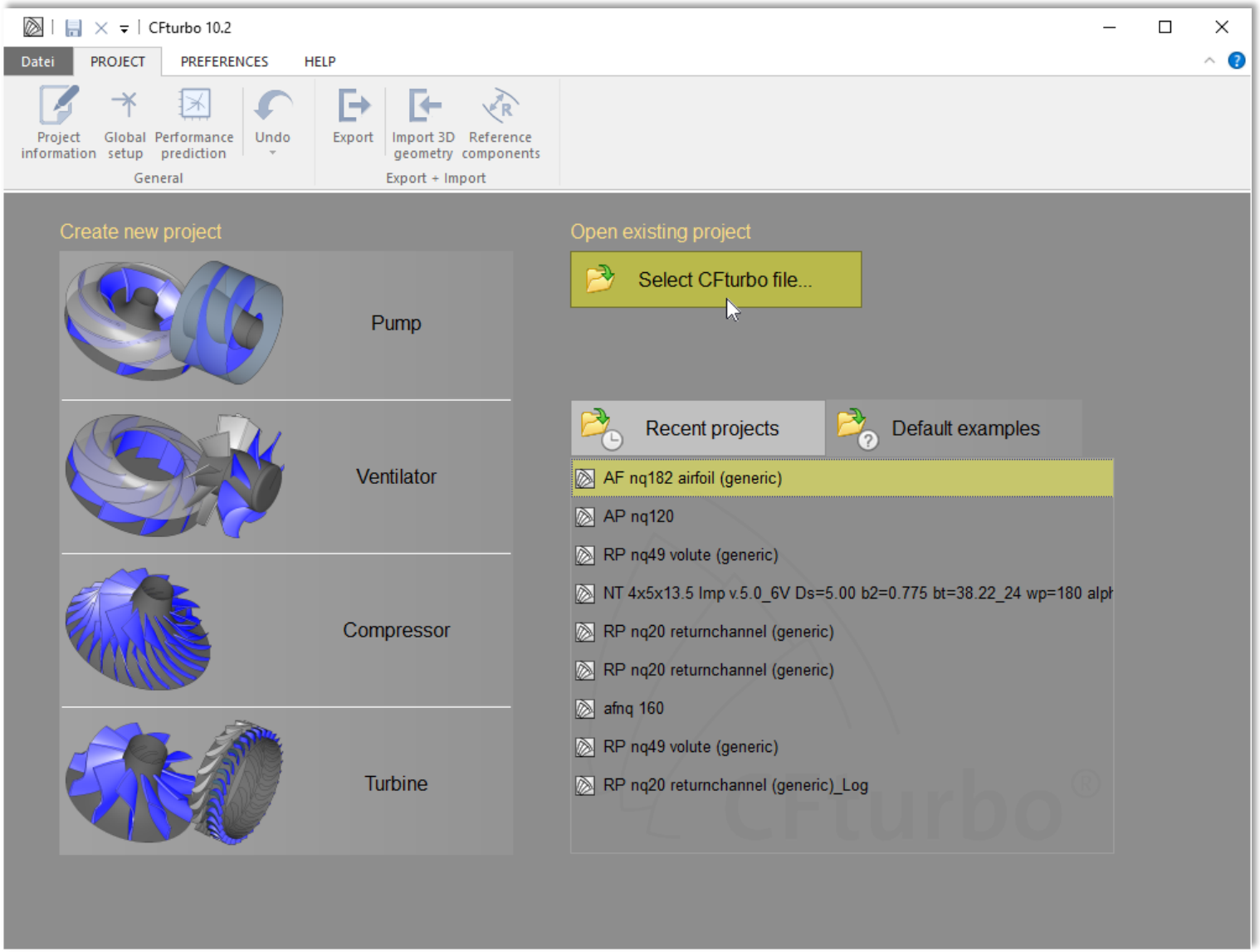


Volute design by **CFturbo®**

7 steps to design a volute

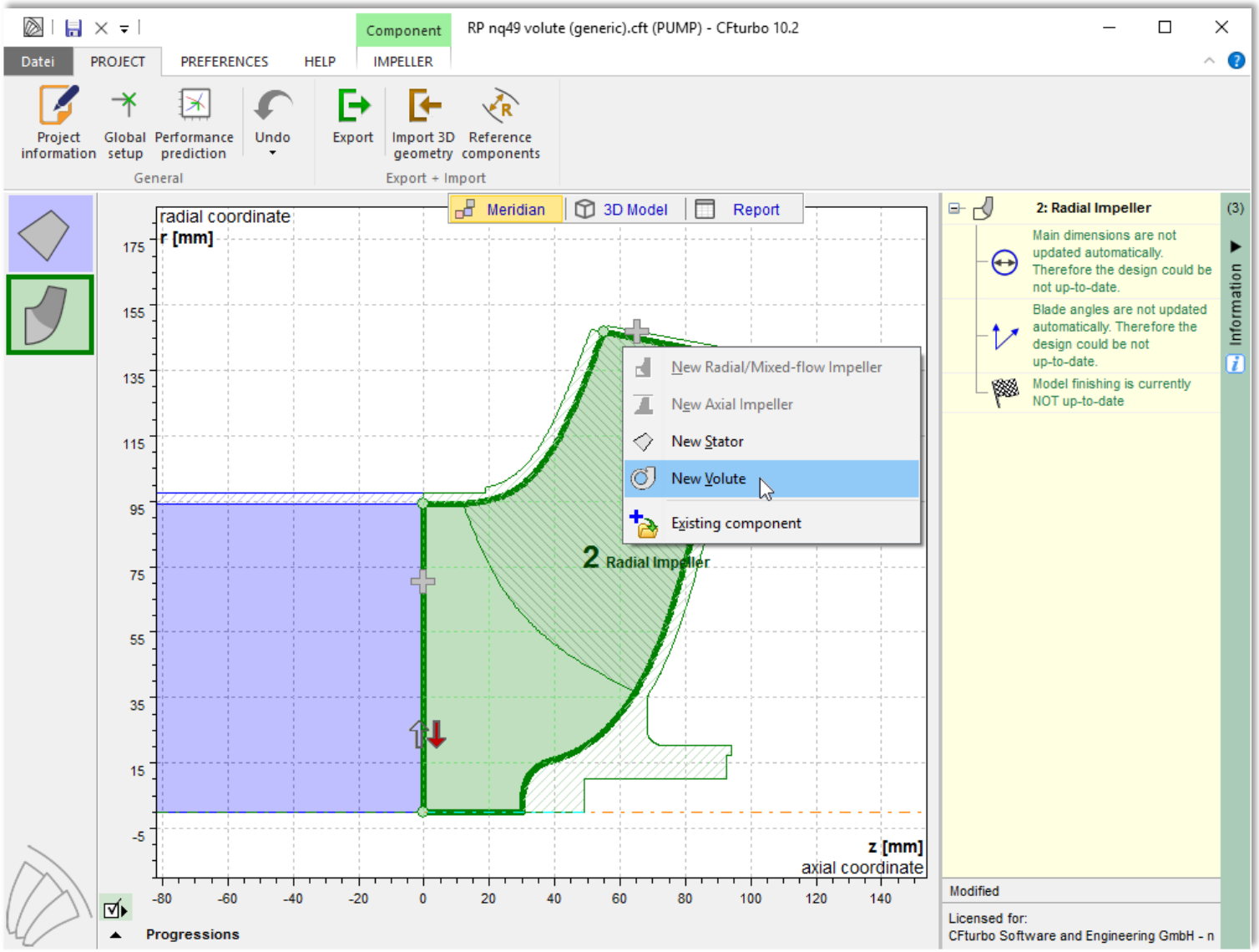
1 Load impeller

Select impeller CFT-file (or define inlet values in Global Setup)



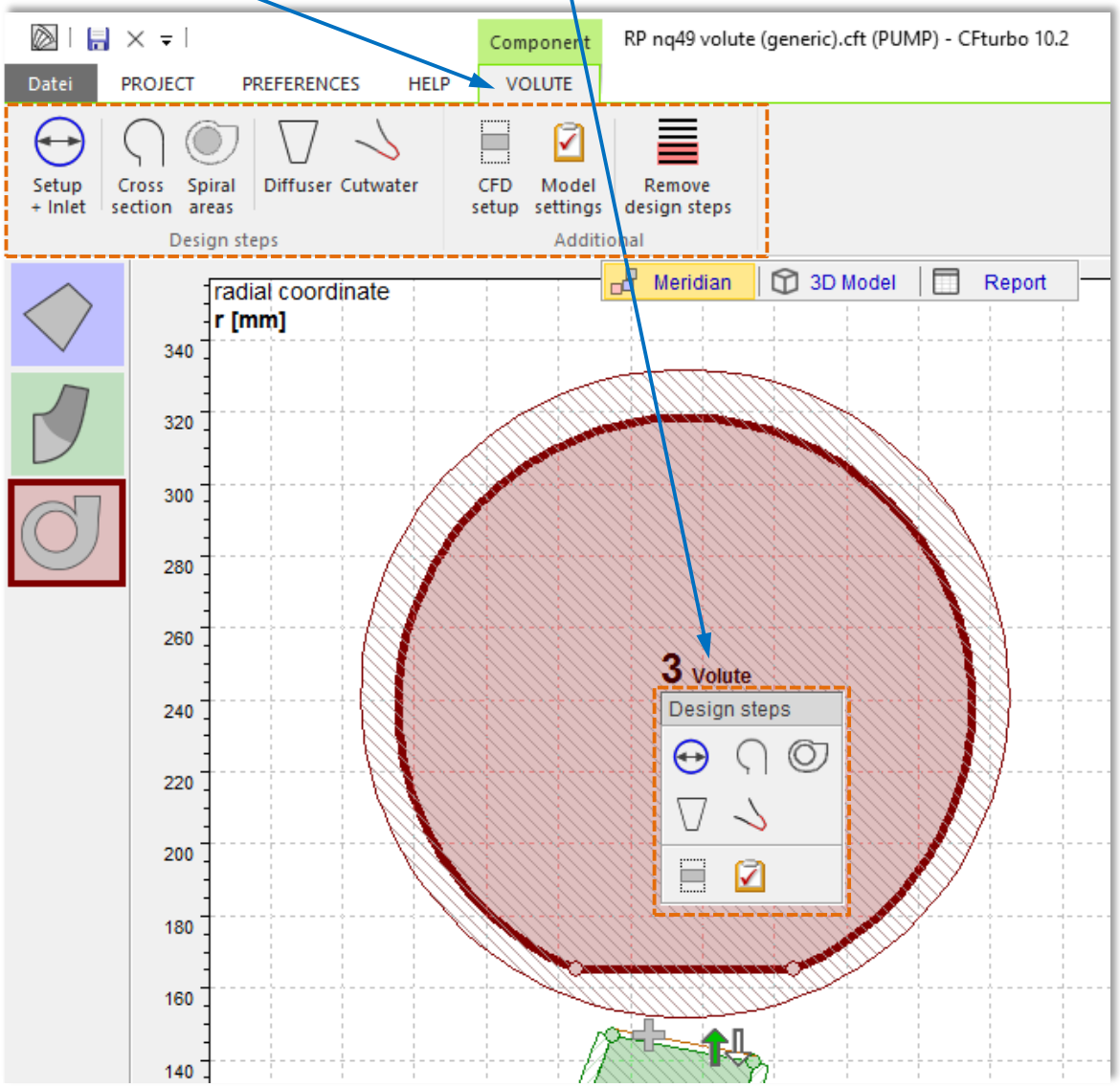
❷ Add volute

Select New Volute at impeller outlet



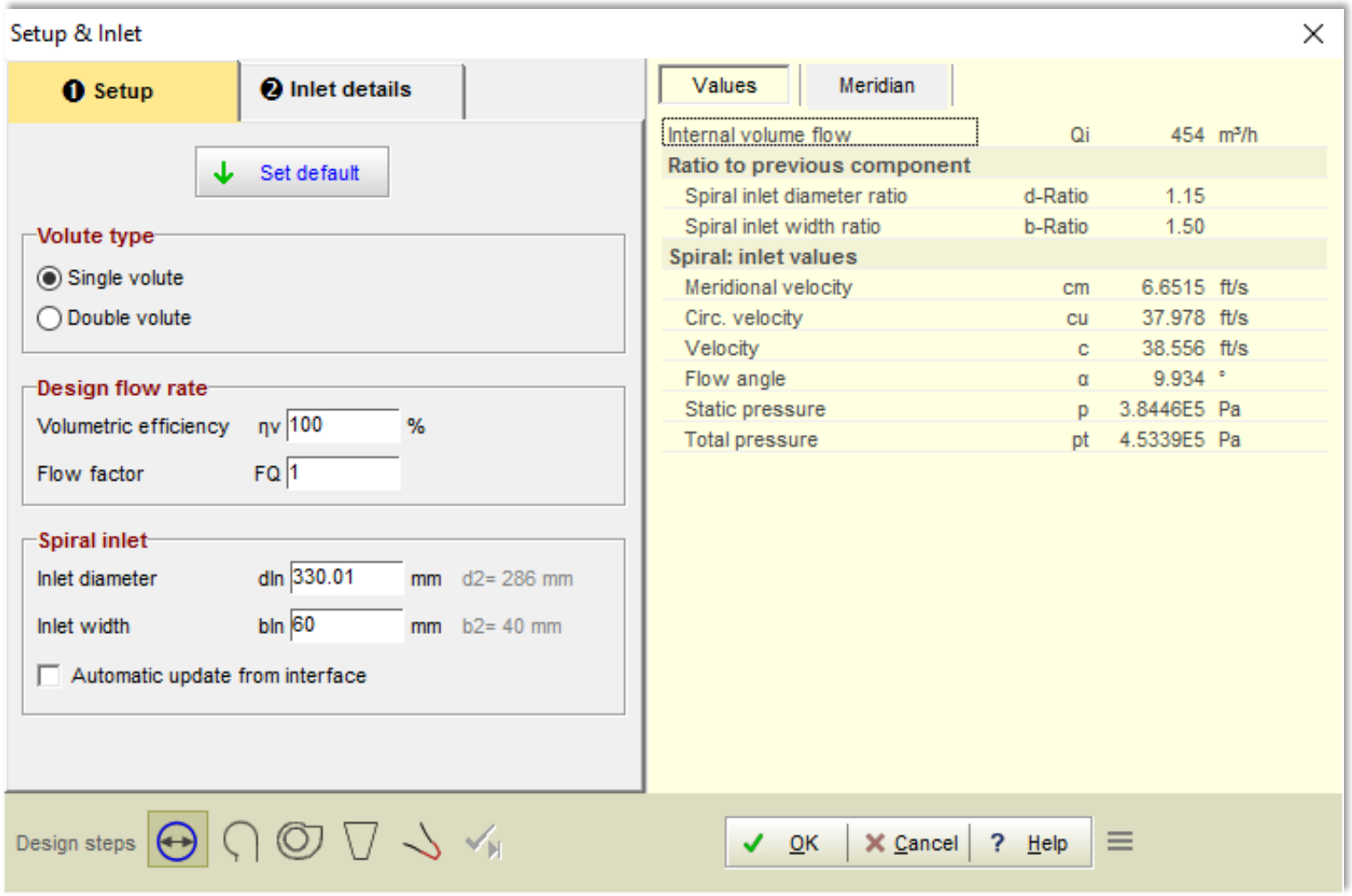
How to access the single design steps?

Use Volute menu or components toolbar inside the Meridian shape



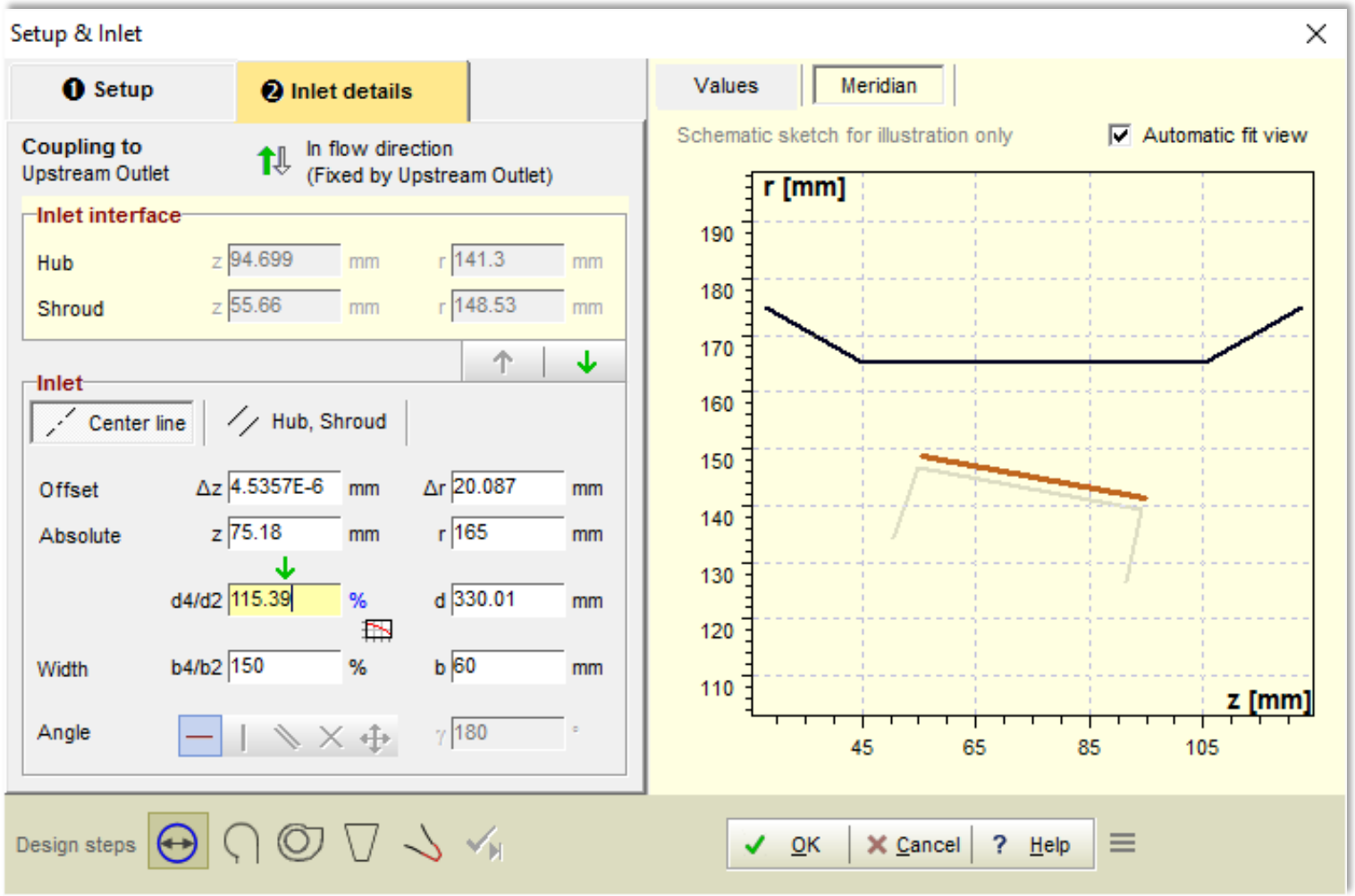
❸ Inlet definition

a) Global values definition



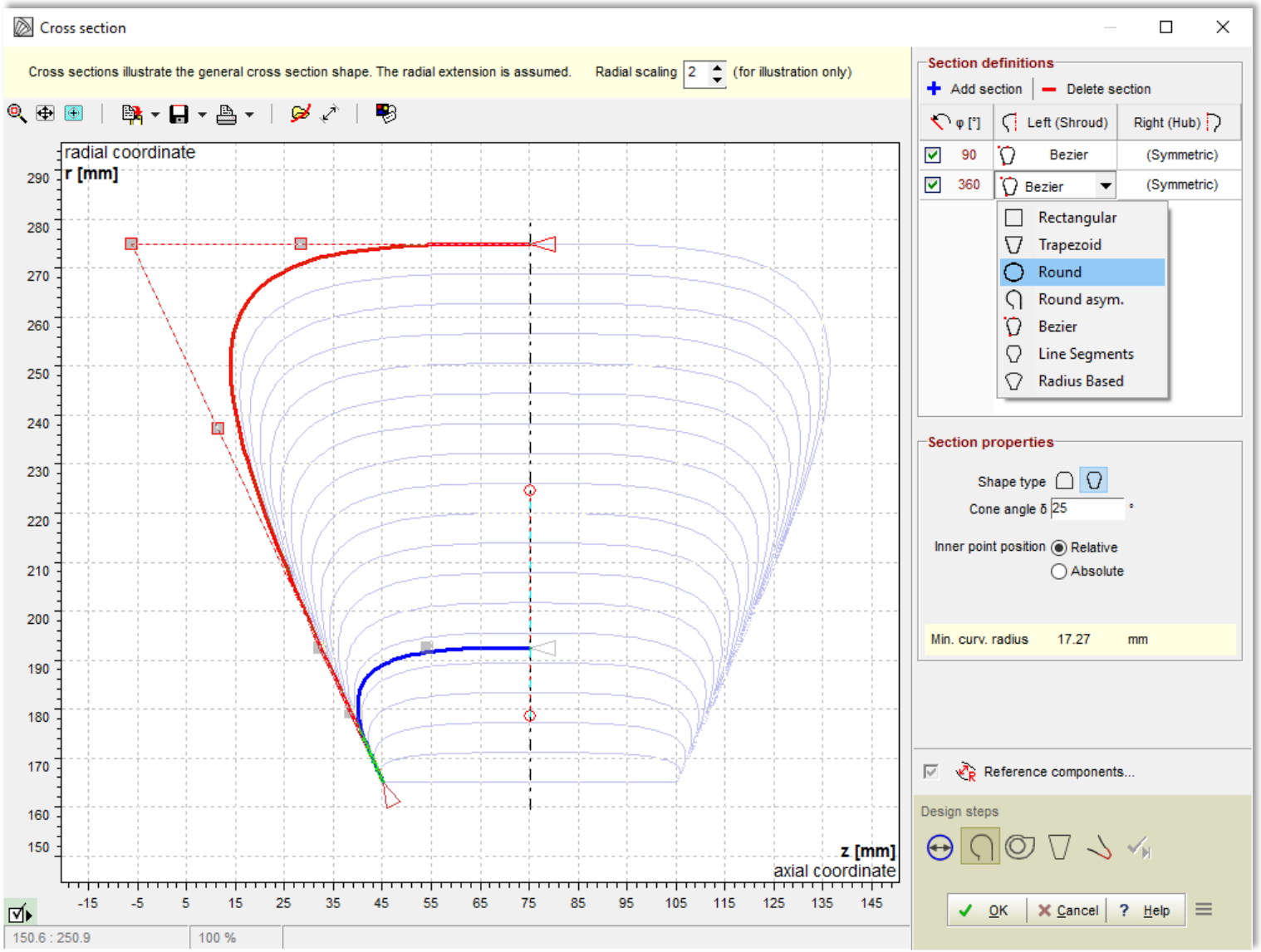
❸ Inlet definition

b) Flexible inlet definition



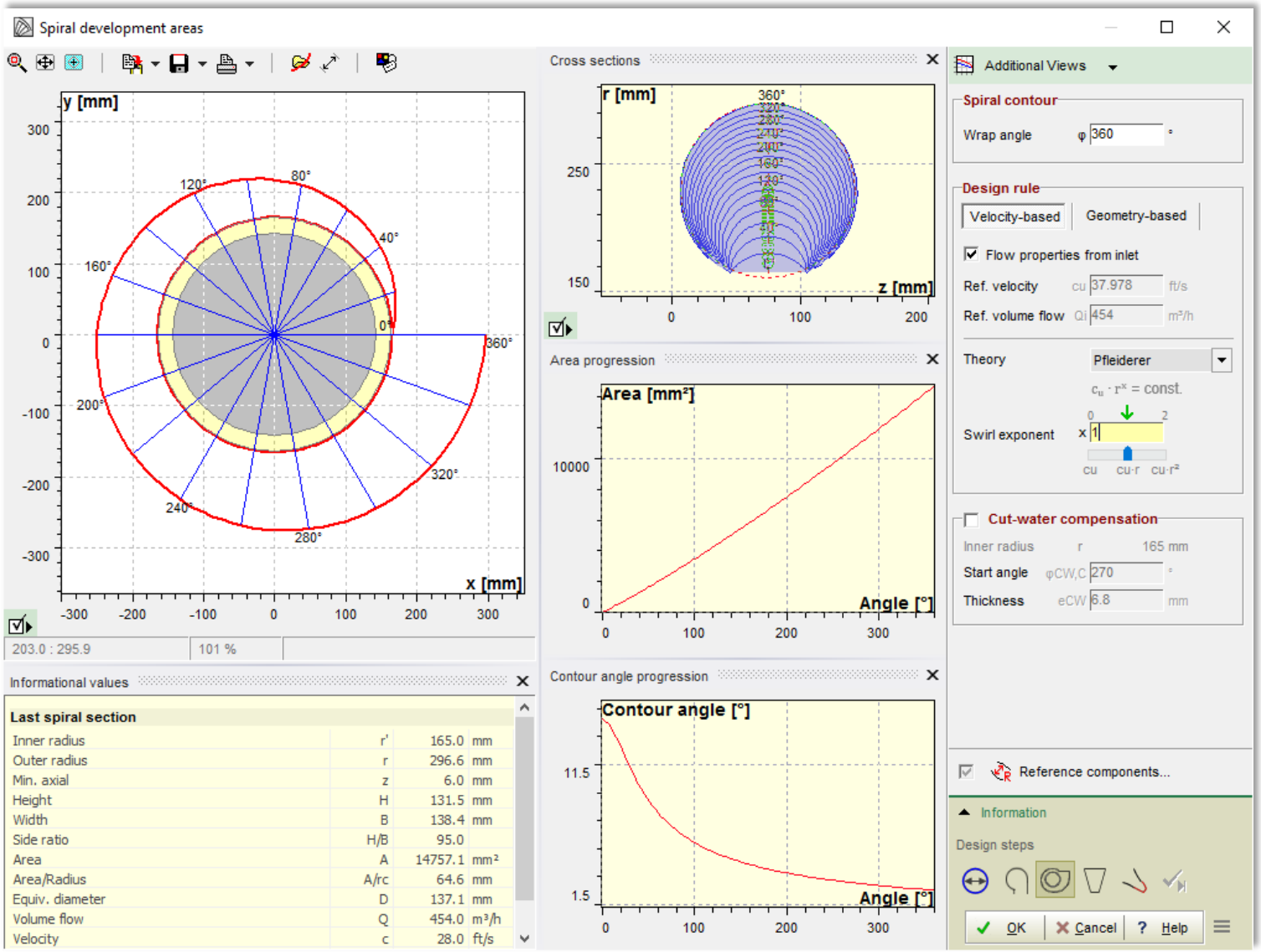
4 Cross sections

Various section types at any circumferential position



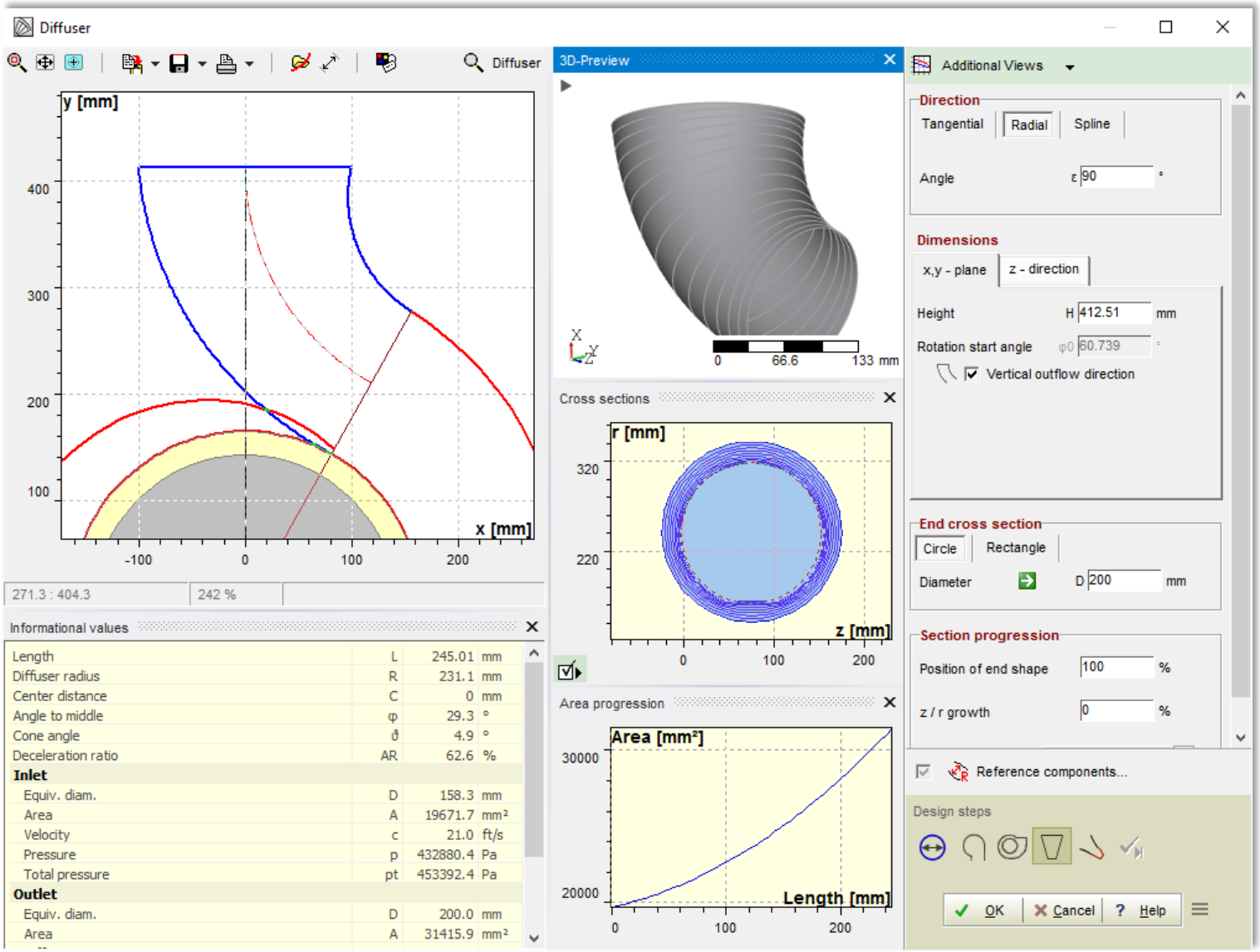
5 Spiral development areas

Calculation of all cross sections in circumferential direction



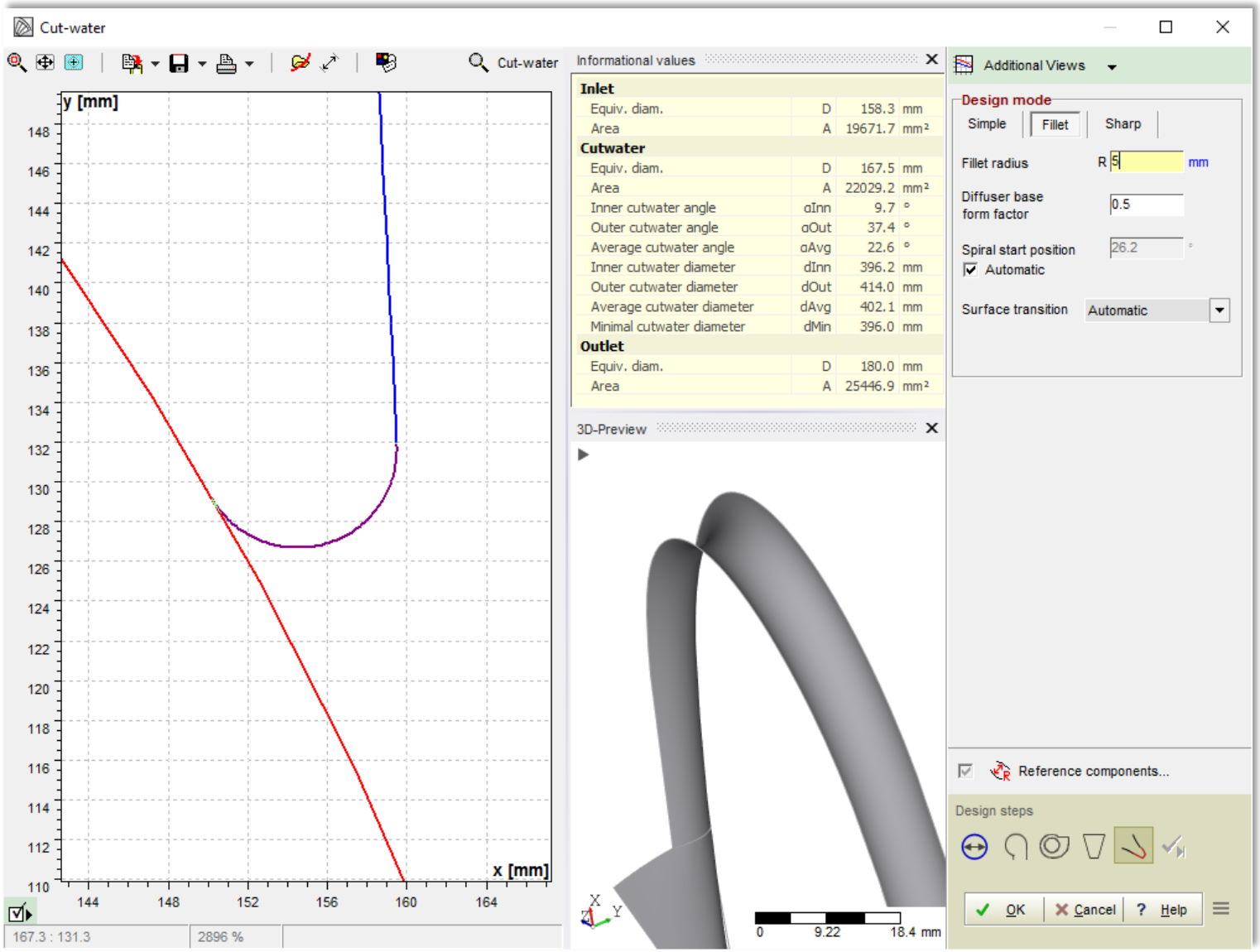
6 Diffuser

Several diffuser shapes and options



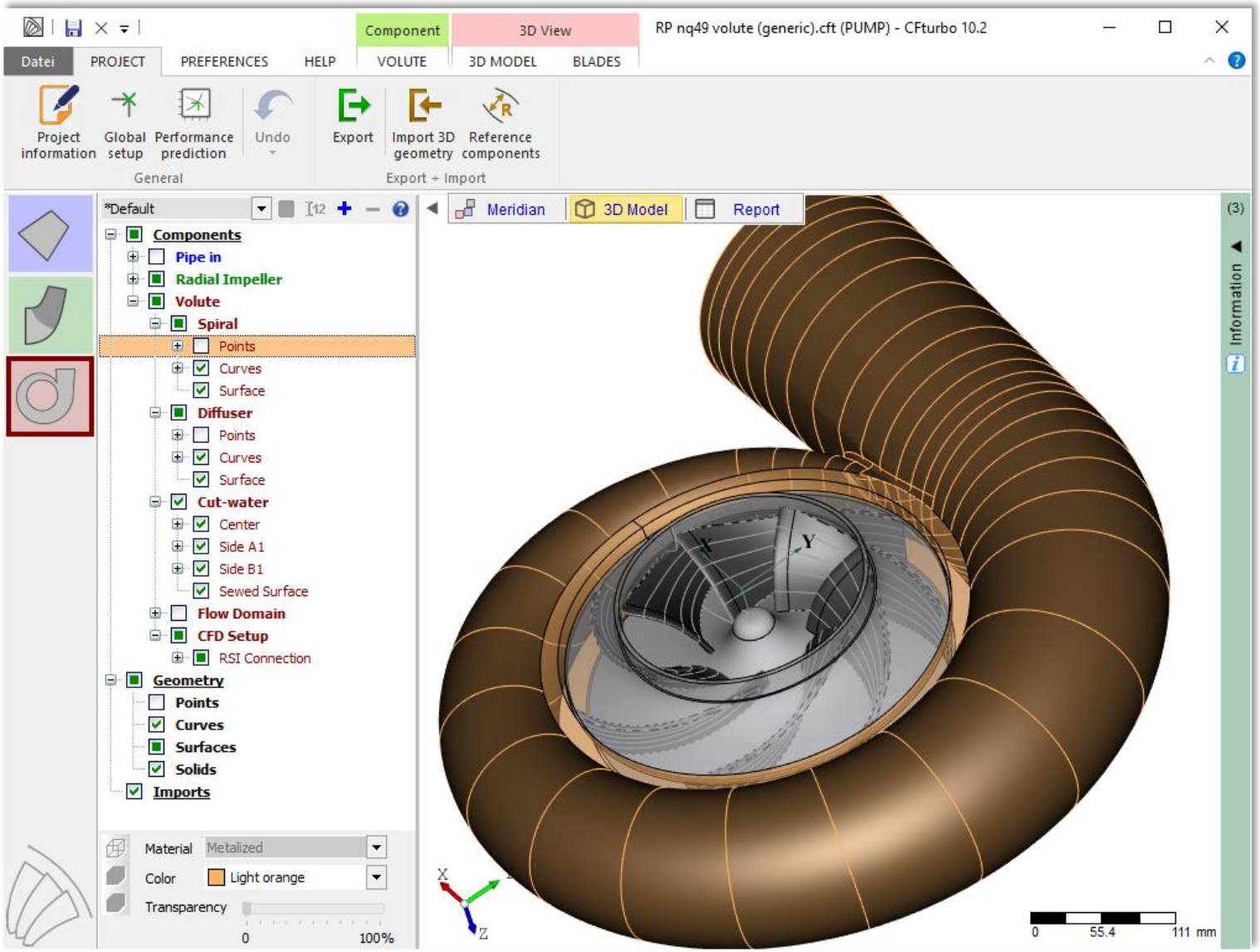
7 Cutwater

Simple or Fillet cutwater



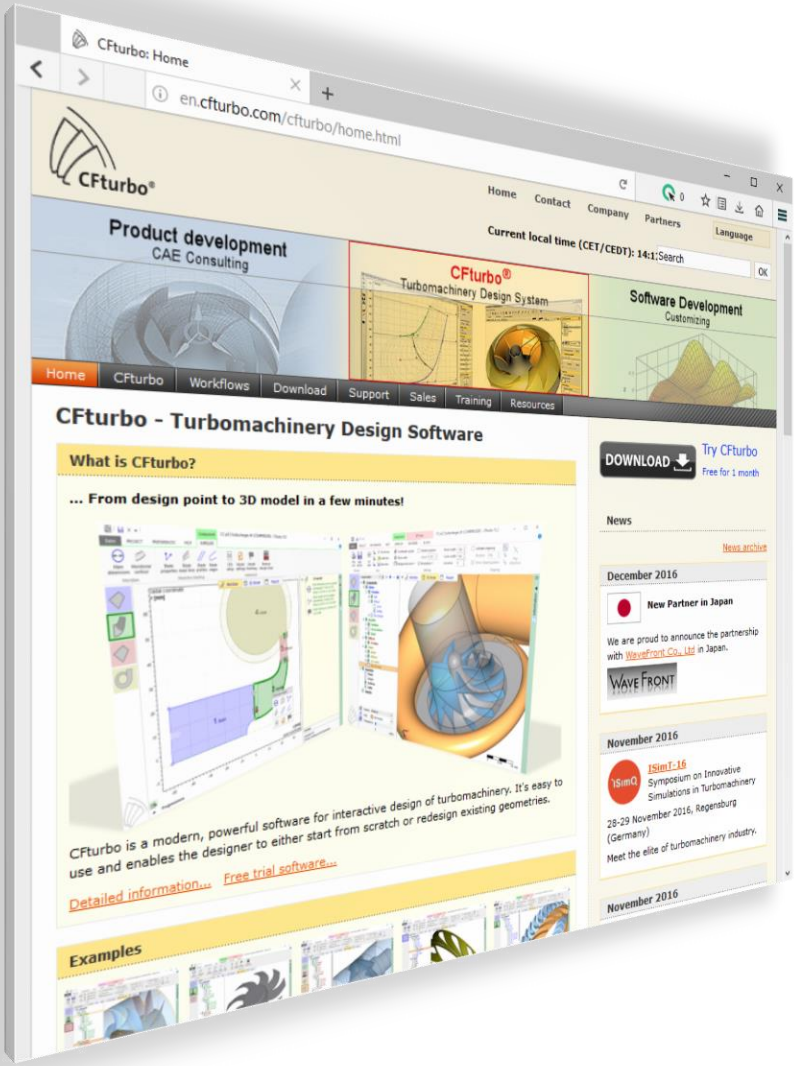
3D CAD model

Surface and solid modeling



More information

www.cfturbo.com



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