Steady Flow Past a Cylinder - Mesh
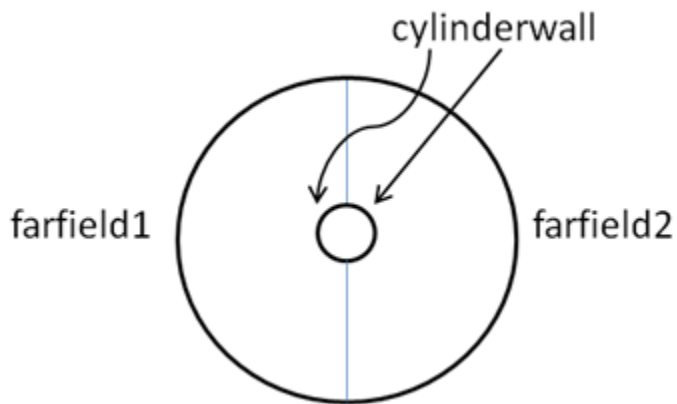
Authors: John Singleton and Rajesh Bhaskaran, Cornell University

Mesh

In this section the geometry will be meshed with 18,432 elements. The geometry will be given 192 circumferential divisions and 96 radial divisions. Mapped face meshing will be used and biasing will be used in order to significantly increase the number of elements located close to the cylinder.

Create Named Selections

In this section the various parts of the geometry will be named according to the image below.

Go to Step 4: Physics Setup

Go to all FLUENT Learning Modules