

CH402 CHEMICAL ENGINEERING PROCESS DESIGN

Lesson 4: Agitators

Read: Pages 536-549

Problems: 12-13 (Problem Set 2)

Objectives (Cadets will be able to):

1. Design generic agitators and mixers.
2. Determine power requirements for agitators and mixers.
3. Determine the cost of an agitator or mixer.

Definitions:

Froude number, power number, Reynolds number for impellers, sparger, agitator.

Cadet Notes: