



CENTRO FEDERAL DE EDUCAÇÃO TECNOLÓGICA CELSO
SUCKOW DA FONSECA

Departamento de Engenharia Mecânica

Máquinas de Fluxo
(Code: GMEC-0440)

Lista Extra

1. Select a pump to deliver 1750gpm of water at 120ft total head. Choose the appropriate pump model and driver speed. Specify the pump efficiency, driver power, and $NPSH$ requirement.
 2. Select an axial flow fan to deliver 30000cfm of standard air at $1,25\text{inH}_2\text{O}$ total pressure. Choose the appropriate fan model and driver speed. Specify the fan efficiency and driver power.
-