



College of Engineering & Technology

Department: Mechanical Engineering

Marks: 10

Lecturer: Dr. Rola Afify

Time: 4:00 – 5:00

Course Code: ME464

Date: 20/5/2014

Name:

R.N.:

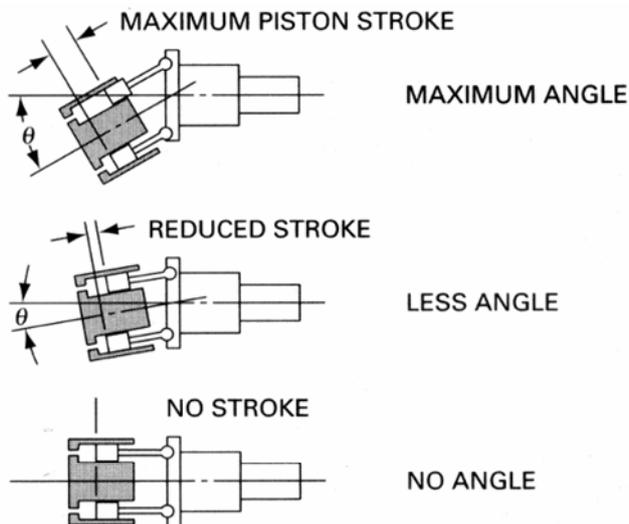
Answer the following questions:

Question one (4 marks)

Prove that: $F_{ext} > F_{ret}$ & $V_{ext} < V_{ret}$

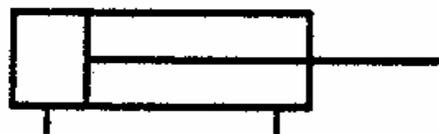
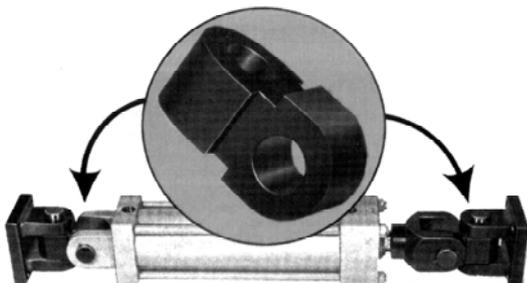
Question two (3 marks)

For the axial piston motor (bent-axis type) shown in figure, compare between the volumetric displacement in the three cases.



Question three (3 marks)

Write down the words that represent each of the following:



Good Luck 1/1