

Electric Actuator Take-off Sheet



AUMA Actuators Inc

Date: \_\_\_\_\_ Industry: \_\_\_\_\_  
Project: \_\_\_\_\_  
Location: \_\_\_\_\_

PLEASE COMPLETE AS MUCH INFORMATION AS POSSIBLE

1) QUARTER TURN VALVES

a Type of Valve & Size: \_\_\_\_\_ (butterfly, plug, ball, etc.)  
b Breaking Torque: \_\_\_\_\_ Safety Factor (Std. = 25%)  
c Stem Diameter: \_\_\_\_\_ (inches/mm)  
d Operating time (full open to full closed) \_\_\_\_\_ (secs/min)

2) MULTI TURN VALVES AND GATES

a Type of Valve / Gate & Size: \_\_\_\_\_  
b Breaking Torque \_\_\_\_\_ (ft- lbs)( in - lbs )(Nm)  
c Max Thrust: \_\_\_\_\_ (lbs/N)  
d Required operating speed: \_\_\_\_\_ (i.e. inches per minute)  
e No. of turns required for entire stroke (open or closed) of valve or gate: \_\_\_\_\_  
f Stem Diameter: \_\_\_\_\_  
g Stem Pitch: \_\_\_\_\_ Stem Lead: \_\_\_\_\_ (ie: 1/4 x 1/4, 1/4 x 1/2, etc.)

3) CONTROL: AM (Intrusive): \_\_\_\_\_ AC (Non-Intrusive): \_\_\_\_\_

4) SERVICE: Open / Close: \_\_\_\_\_ Modulating: \_\_\_\_\_

5) MOTOR VOLTAGE: AC - voltage/phase/frequency : \_\_\_\_\_  
DC: \_\_\_\_\_ VDC

6) ENCLOSURE: NEMA 4X/6P: \_\_\_\_\_ IP67/68: \_\_\_\_\_ CSA: \_\_\_\_\_

7) HAZARDOUS LO (Please Specify in Notes below.)

8) TEMPERATURE: \_\_\_\_\_ to \_\_\_\_\_ (Std. -30 °C to +70 °C (-22 °F to +158 °F))

9) MECHANICAL OPTIONS:

\_\_\_\_\_ Mechanical Dial Position Indicator  
\_\_\_\_\_ Machined nut / Machined 'A' drive nut \_\_\_\_\_ Blank nut / Unmachined nut  
\_\_\_\_\_ Other (Please Specify in Notes below.)

10) ELECTRICAL OPTIONS:

a 4-20mA: Input: \_\_\_\_\_ Output: \_\_\_\_\_  
b Control Voltage: \_\_\_\_\_ 24VDC \_\_\_\_\_ 115V  
c Type of Network: \_\_\_\_\_  
d Other: \_\_\_\_\_

Please use space below to explain any other information that should be considered:

Model: \_\_\_\_\_  
Notes: \_\_\_\_\_  
\_\_\_\_\_