



ELECTRIC ACTUATOR SIZING

PROJECT INFORMATION

DATE: _____
CUSTOMER: _____
END USER: _____

REFERENCE: _____
CONTACT: _____
FINAL DESTINATION: _____

ELECTRICAL DATA

ACTUATOR MODEL PREFERENCE: _____
CONTROL POWER VOLTAGE: _____
ACTUATOR SERVICE: _____
ACTUATOR FEEDBACK OPTIONS: _____
ENCLOSURE TYPE: _____
SELECT ONE: TOP MOUNT SIDE MOUNT

POWER VOLTAGE: (IF OTHER, PLEASE SPECIFY) ___ VOLTS ___ PHASE ___ HZ
ACTUATOR CONTROL OPTIONS: _____
ESD (EMERGENCY SHUT-DOWN FEATURES): _____
ACTUATOR SPEED/ RPM/ CLOSING TIME: _____
SPECIAL CONSIDERATIONS: _____

VALVE DATA

FOR RISING STEM GATE & GLOBE VALVE

VALVE MANUF.: _____
VALVE SIZE & PRESSURE CLASS: _____
VALVE MODEL: _____
MAX LINE PRESSURE TO SIZE ACTUATOR TO: _____
STEM DIA. / PITCH/ LEAD (STD OR STUB): _____
TORQUE (FT / LBS) NO SF: _____
THRUST (LBS): _____
TURNS TO OPEN: _____ OR VALVE STROKE _____ IN.

FOR QUARTER TURN BALL, BUTTERFLY OR PLUG VALVES

VALVE MANUF.: _____
VALVE SIZE & PRESSURE CLASS: _____
VALVE MODEL: _____
MAX LINE PRESSURE TO SIZE ACTUATOR TO: _____
STEM DIA. / KEY DIMS.: _____
SEATING TORQUE (FT / LBS) NO SF: _____
RUNNING TORQUE (FT / LBS) NO SF: _____
MAST: _____

ADAPTATION OPTIONS

CHECK ALL THAT APPLY IF VSI IS NOT PROVIDING THE VALVE

- VSI TO PROVIDE MOUNTING HARDWARE WITH ACTUATOR VSI TO PROVIDE MACHINED STEM NUT/ STEM BUSHING VSI TO PROVIDE MOUNTING BOLTS AS REQUIRED

****IF ANY OF THE ABOVE BOXES ARE CHECKED, YOU MUST PROVIDE VSI WITH APPLICABLE TOP WORKS DRAWINGS IN ORDER FOR VSI DESIGN TEAM TO VERIFY HARDWARE REQUIREMENTS AND CONFIRM MACHINE DELIVERY SCHEDULE.**

- I WILL SEND MY VALVE TO VSI TO MOUNT/ SET IN VSI SHOP I WILL NOT BE SENDING THE VALVE IN TO THE VSI SHOP
 NO MOUNTING HARDWARE NEEDED- I WILL PROVIDE I WILL HANDLE THE MOUNTING & SETTING UP OF THE ACTUATOR