



SPECIFICATIONS:

ACTUATOR

INPUT CURRENT — 4-20mA(M)OR 0-10VDC(V)

INPUT IMPEDANCE — 200 OHMS(M)OR 18,000 OHMS(V)

RPM — 1.5-3-5-10-20-40

POWER REQUIRED — 24 VDC/50 WATTS MIN

DYNAMIC BRAKING — INSTALLED

LIMIT SWITCHES — INSTALLED

MICRO-PROCESSOR — INSTALLED

TORQUE LIMITER — FACTORY SET FOR SIZE OF VALVE ORDERED. OR APPROX. 21 IN.LBS MAX.

SEATING TORQUE — FACTORY SET TO PREVENT VALVE SEAT DAMAGE OR SET TO CUSTOMERS SPECIFICATION. OCCURS IN THE LAST 30° ROTATION. UNLESS VALVE CHOSEN DOES NOT REQUIRE CLOSURE.

ENVIRONMENTAL:

OPERATING TEMPERATURE — -30°C TO +85°C

MOISTURE — SEALED AND SPLASH PROOF

INSULATION RESISTANCE — 100 MEGOHMS @ 500 VDC

DIELECTRIC STRENGTH — 500 VAC

WEIGHT — 2.5 LBS. APPROX.

MATERIAL:

COVER — SATIN ANODIZED ALUMINUM

BASE — ANODIZED ALUMINUM

OUTPUT SHAFT — STAINLESS STEEL

CABLE — 22 GAUGE VINYL SLEEVE

SCREWS — STAINLESS STEEL

VALVE KIT:

[ORDERED SEPARATELY, MOUNTED TO ACTUATOR AT ETI SYSTEMS] INCLUDES VALVE, BRACKET, COUPLER AND HARDWARE, IF NOT MOUNTED.

ACTUATOR MOUNTED TO VALVE KIT

TOLERANCES

XX = +/- .010" FRACT. = +/- 1/64"

XXX = +/- .005" ANGLES = +/- 1/2"

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

EXAMPLE: VA21M-8-15-5

FOR ISOLATED FEEDBACK POSITION OPTION

ORDER: VA21MF-8-15-5 (EXAMPLE)

SCALE

DATE: 01-10-99

BY

APPRVD BT

CODE IDENT: 19477

ETI SYSTEMS
CARLSBAD CALIFORNIA

TITLE VALVE ACTUATOR

PART NO. VA21