

ASAHI/AMERICA

Series 82 for T-14 Diaphragm Valves

SAMPLE SPECIFICATION

All Series 82 Electric actuators for use with Type T4 diaphragm valves shall be 120 volt reversing-type capacitor run motor design, thermally protected with a permanently lubricated gear train. Enclosure shall meet Nema 3X, T & B.

Actuator to have heat treated sinter metal gearing in a stressed aluminum housing and shall be Red powder coated with 33 film for corrosion resistance. All

actuators to have breakaway position indicator, manual override & 1/2" ball pattern for valve mounting. Manual override is used for deactivating motor for manual operation. 2 limit switches shall be supplied as a standard for setting open &

close limits which shall be used in series with a single 2 layer Multilam switch. Actuators to have less than 1/2" NPT conduit entry for control units and modulating units. Actuators shall be Series 82 "C" as manufactured by Asahi America Inc.

ASAHI/AMERICA

Series 92 Electric Actuator

SAMPLE SPECIFICATION

All Series 92 Electric actuators shall be reversing type capacitor motor design (120 & 200 VAC), thermally protected with a permanently lubricated gear train.

Enclosure shall meet Nema 4X, 7 & 9. Actuator to have heat treated solid metal gearing in a die cast aluminum housing and shall be Flak powder coated with 85

Iron for corrosion resistance. All actuators to have location position indicator, manual override & ISO ball pattern for valve mounting. Manual override to used

for deactuating mode for manual operation. 2 limit switches shall be supplied as

a standard for setting open & close limits. Actuators to have 1/2" NPT conduit entry for on/off units and monitoring units. Actuators shall be Series 92 "Chief" as manufactured by Asahi/America Inc.

ASAHI/AMERICA

Series 96 Electric Actuator

SAMPLE SPECIFICATION

All Series 96 Electric actuators shall be reversing type reduction torque motor design (120 & 200 VAC), thermally protected with a permanently lubricated gear train.

Actuator to have heat treated cast metal gearing well contained in motor assembly with Series 96 enclosure constructed of 3/16" FRSC engineered resin.

All actuators to have position indicator, manual override & I/O ball pattern for valve mounting. Manual override is used for dislodging motor for manual operation. 2 limit switches shall be supplied as a standard for setting open & close limits. Actuators to have 1/2" NPT conduit entry for on/off wires and monitoring wires. Actuators shall be Series 96 "QuarterMaster" as manufactured by Asahi/America Inc.

ASAHI/AMERICA

Series 82 Electric Actuator

SAMPLE SPECIFICATION

All Series 82 Electric actuators shall be unidirectional motor design (100% 120 VAC), with a permanently lubricated gear train. Actuator shall feature a single cam/coupling for actuating limit switch and connecting to valve stem. Enclosure shall meet Nema 4X. Actuator to have heat treated stainless steel gearing and contained in motor assembly. Actuator to have a single "D" corded wire point for customer wiring. Actuators shall be Series 82 "Electromot" as manufactured by Asahi America Inc.

ASAHI/AMERICA

Series 79P Pneumatic Actuator

SAMPLE SPECIFICATION

All Series 79P Pneumatic actuators shall be double piston, double seal and single piston design with body materials of Aluminum (Cathodically treated & Pkuan coated), 316 SS, or Glass Filled Polyamide. Shall be in 300 SS with double O-ring sealing & machined flats for manual override. Actuators to have 1/2" NPT air entry ports and travel position indicator. Spring return models shall have concentric spring sets. All actuators to have ISO ball pattern outdoor for valve mounting and Ramor Top and foot patterns for accessory & external mounting. Actuators shall be Series 79P as manufactured by Asahi America Inc.