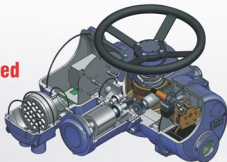


actuate with **accuracy**



**Electrical
Actuators & Motorized
Valves**



**EIL
APPROVED**

• Approved • CCOE Approved • POD (Proof Of Design) • 50000+ Installations



APPROVALS



Manufactured By:

 **euromatic
automation pvt. ltd.**
www.cairindia.com

2 Way Ball Valve S/E - F/E with Electrical Actuator



Size : 1/2" to 12"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Pressure : 150# / 300# / 600# / 900#
Temp. : Upto 180 °C / 250 °C
Class : 150# / 300# / 600# / 900#
Ends : Screwed / Flanged / TC End / Socket Weld

2 Way Wafer / Jacketed Type Ball Valve with Electrical Actuator



Size : 1/2" to 6"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Pressure : 150#
Temp. : Upto 180 °C / 250 °C
Class : 150#
Ends : Wafer Type

2 Way V - Knotch Type Ball Valve with Electrical Actuator



Size : 1/2" to 16"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Pressure : 150# / 300#
Temp. : Upto 180 °C / 250 °C
Class : 150# / 300#
Ends : Flanged

Trunnion Mounted Ball Valve with Electrical Actuator



Size : 6" to 24"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Pressure : 150# / 300# / 600# / 900#
Temp. : Upto 180 °C / 250 °C
Class : 150# / 300# / 600# / 900#
Ends : Flanged

Multi Port Design 3 Way / 4 Way / 5 Way Ball Valve with Electrical Actuator



Size : 1/2" to 12"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Press. : 10 Kg/cm²
Temp. : Upto 180 °C / 250 °C
Class : 150# / 300#
Ends : Screwed / Flanged

Extended Stem Ball Valve for Cryogenic Application with Electrical Actuator



Size : 1/2" to 8"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PEEK / TFM / GFT / PTFE
Pressure : 150# / 300# / 600# / 900#
Temp. : -40 to 180 °C
Class : 150# / 300# / 600# / 900#
Ends : Screwed / Flanged / T End / Socket Weld

Flush Bottom Reduce Bore Ball Valve with Electrical Actuator



Size : 1" to 4"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / CFT / GFT / TFM / PEEK
Pressure : 150#
Temp. : Upto 180 °C / 250 °C
Class : 150#
Ends : Flanged

PTFE (FEP - PFA) Lined Ball Valve with Electrical Actuator



Size : 1/2" to 8"
MOC : WCB / CF8 / CF8M / CF3M
Lining : FEP / PFA - STD. Thickness
Seals : PTFE / GFT / CFT
Pressure : 150#
Temp. : FEP 180 °C / PFA 230 °C
Class : 150#
Ends : Flanged

UPVC / Polypropylene (PP) Ball Valve with Electrical Actuator



Size : UPVC : 1/2" to 4"
PP : 1/2" to 12"
MOC : UPVC / PP
Seals : NBR
Pressure : 10 Kg/cm²
Temp. : Upto 80 °C
Ends : Socket / Screwed / Flanged

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Rubber Lined Wafer Type Butterfly Valve with Electrical Actuator


Size : 1.1/2" to 72"
MOC : CI / DI / WCB / CF8 / CF8M
Seals : Nitrile / NBR / EPDM / Viton
Pressure : PN 6, 10, 16, 20 & 25
Temp. : -20 °C to 80 °C
 (Depending On MOC)
Ends : Wafer Type

Rubber Lined Wafer Type Double Flange Butterfly Valve with Electrical Actuator


Size : 3" to 72"
MOC : CI / DI / WCB / CF8 / CF8M
Seals : Nitrile / NBR / EPDM / Viton
Pressure : PN 6, 10, 16, 20 & 25
Temp. : -20 °C to 80 °C
 (Depending On MOC)
Ends : Wafer Type / Double Flange

PTFE (FEP - PFA) Lined Butterfly Valve with Electrical Actuator


Size : 2" to 20"
MOC : WCB / CF8 / CF8M / CF3M
Lining : FEP / PFA - STD. Thickness
Seals : FEP / PFA
Pressure : 10 Kg/cm²
Temp. : FEP 180 °C
 PFA 230 °C
Ends : Wafer Type / Double Flange / Lug Type

High Performance Butterfly Valve Spherical Disc Valve with Electrical Actuator


Size : 1.1/2" to 24"
MOC : WCB / CF8 / CF8M / CF3M
Seals : NBR / PTFE / RPTFE / EPDM / VITON
Pressure : PN 6 / 10 / 16 / 20 & 25
Temp. : Up to 180 °C / 250 °C
Ends : Wafer Type / Double Flange / Lug Type

Double Off - Set Disc Butterfly Valve with Electrical Actuator


Size : 2.1/2" to 88"
MOC : WCB / CF8 / CF8M / CF3M
Seals : NBR / PTFE / RPTFE / EPDM / VITON
Pressure : PN 10 / 16 / 20 & 25
Temp. : Up to 180 °C / 250 °C
Ends : Wafer Type / Double Flange

Extended Stem Butterfly Valve with Electrical Actuator


Size : 1.1/2" to 88"
MOC : WCB / CF8 / CF8M / CF3M
Seals : NBR / PTFE / RPTFE / EPDM / VITON
Pressure : PN 10 / 16 / 20 & 25
Temp. : Up to 180 °C / 250 °C
Ends : Wafer Type / Double Flange

Triple Offset Disc Butterfly Valve with Electrical Actuator


Size : 2" to 36"
MOC : WCB / CF8 / CF8M / CF3M
Seals : PTFE / GFT / CFT
Pressure : PN 6 / 10 / 16 / 20 & 25
Temp. : Up to 180 °C / 250 °C
Ends : Wafer Type / Double Flange / Lug Type

Aluminium Butterfly Valve with Electrical Actuator


Size : 1.1/2" to 12"
MOC : Aluminium Alloy
Seals : Nitrile / NBR / EPDM / Viton
Pressure : PN 10 / 16
Temp. : Up to 180 °C
Ends : Wafer Type

UPVC Body Butterfly Valve with Electrical Actuator


Size : 1.1/2" to 12"
MOC : UPVC / PP
Seals : NBR / EPDM
Pressure : Up to 10 Kg/cm²
Temp. : Up to 180 °C
Ends : Wafer Type

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Fabricated Double Flange Damper Valve with Electrical Actuator



Size : 1.1/2" to 88"
MOC : IS Grade MS / 5.Steel
Seals : Nitrile / NBR / EPDM / Viton
Pressure : Upto 10000 MMWC / PN 6 / PN 10 (Depending On Requirement)
Temp. : -20 °C to 500 °C
Ends : Double Flange

Multi Louver Damper Valve with Electrical Actuator



Size : 3000MM X 3000MM
MOC : IS Grade MS / 5.Steel
Leaves : Aluminium / MS Steel
Pressure : Upto 10000 MMWC / PN 6 / PN 10 (Depending On Requirement)
Temp. : -20 °C to 500 °C
Ends : Wafer Type

Guillotine Damper Valve with Electrical Actuator



Size : 3000MM X 3000MM
MOC : IS Grade MS / 5.Steel
Pressure : Upto 10000 MMWC / PN 6 / PN 10 (Depending On Requirement)
Temp. : -20 °C to 500 °C
Ends : Flanged / Wafer

Foot Mounted Electrical Actuator with Linkage Arm for ID Fan Damper



Torque : 35NM to 32000NM
Supply : 220V AC & 415V AC
Arm : WCB / S.Steel
Foot Bracket : WCB / S.Steel (Other On Requirement)

AWWA C504 Standard Larger Diameter Butterfly Valve with Electrical Actuator



Size : 1.1/2" to 104"
MOC : IS Grade MS / WCB / CF8
Seals : NBR / EPDM / Nitrile / Viton
Pressure : PN 6, 10, 16, 20 & 25
Temp. : -20 °C to 180 °C (Depending on MOC)
Ends : Double Flange AWWA C 207

High Pressure Globe Control Valve with Electrical Actuator



Size : 1/2" to 12"
MOC : WCC / CF8M / Duplex
Seals : Metal to Metal / PTFE
Pressure : 150#, 300#, 600#, 900#, 1500#, 2500#
Temp. : 180 °C to 450 °C
Class : 150#, 300#, 600#, 900#, 1500#, 2500#
Ends : Flanged / But Weld

2 Way & 3 Way Globe Control Valve with Electrical Actuator



Size : 1/2" to 12"
MOC : WCB / CF8 / CF8M
Seals : Metal to Metal / PTFE
Pressure : 150# / 300# / 600# / 900#
Temp. : Upto 180 °C / 450 °C
Class : 150# / 300# / 600# / 900#
Ends : Flanged / Socket Weld

Knife Gate Valve with Electrical Actuator



Size : 1/2" to 24"
MOC : CI / WCB / CF8 / CF8M
Press. : 150#, 300# (Above On Req.)
Ends : Lugged / Flanged / Butt Weld

Pinch Valve with Electrical Actuator



Size : 2" to 12"
MOC : CI / WCB / CF8
Seals : CF8M
Pressure : NBR / EPDM
Temp. : Upto 10 Kg/cm²
Ends : Upto 80 °C / 220 °C / Flanged

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COM Series Electrical Actuator for Combustion application

Torque	: 100 kg-cm to 1200 kg-cm
Supply	: 220, 110V AC / 24V DC
Travel	: 90° (Quarter Turn)
Application	: Oil Fired Burner / Furnace Control, Damper Actuation, Chiller Valves of ACR with Thermostat, AHU, Cooling Tower



High Torque Electrical Actuator

Torque	: 6000NM to 65000NM
Supply	: 220, 110V AC / 24V DC 415V AC / 380V AC
Travel	: 90° (Quarter Turn)
Application	: Blower Actuation, Damper Actuation, Higher size Butterfly Valve



Spare Worm Gear Box for Electrical Actuator

Torque	: 300NM to 65000NM
MOC	: Ductile Iron / Gun Metal / Aluminium Bronze
Travel	: 90° (Quarter Turn)
Application	: Ball Valve, Butterfly Valve & Damper Actuation



Spare Bevel Gear Box for Electrical Actuator

Torque	: 150NM to 3500NM
MOC	: Ductile Iron / Gun Metal / Aluminium Bronze
Travel	: Linear - Multi Turn
Application	: Gate Valve, Globe Valve, Guillotine Damper Valve



Integral Starter Unit for 3 Phase Electrical Actuator

Torque	: Starter Unit Suitable for MOD / ATQ / ATM Series Actuator
Supply	: 220V AC / 415V AC
Control	: 24V DC / 110V AC / 220V AC
Local Switch	: Open / Stop / Close / Local & Remote
Lamps	: Open / Close / Power / Error



Modulating PCB for Electrical Actuator

Type	: PCB suitable for MOD / ATQ / ATM / VO series actuator
Input Signal	: 4-20mA / 0-10V DC / 5-10V DC
Output Signal	: 4-20mA / 0-10V DC / 5-10V DC



Position Transmitter Kit (VOT) for Electric Actuator

Type	: VOT kit suitable for MOD / ATQ / ATM / VO Series Actuator
Supply	: 220V AC / 24V DC (2 Wire)
Output Signal	: 4-20 mA / 0-10V DC / 5-10V DC



Fail Safe Module / Battery Backup Unit (BBU)

Type	: BBU Unit suitable for MOD / ATQ / ATM / VO Series Actuator
Supply	: 220V AC / 24V AC / 24V DC
Function	: Determine Open / Closed / Stay put position in case of power failure with the help of BBU.

Modbus® Networking



- **Manufacturing Standard**
IEC / EN 15714-2 & AWWA C 542 - 09
- **Enclosure Standard - IP 67 / 68**
IS / IEC 60529 & IS / IEC 60079-1
- **Motor Standard**
IS-325 / IEC 60034-1 / IS-996
- **Mounting Standard**
ISO 5211

- Testing**
- Phase Sequence Test
 - Noise Test
 - Torque Test
 - Insulation Tests
 - High Voltage Test

MANUFACTURING FACILITY



MOD SERIES

Single Phase Quarter Turn



SUPPLY VOLTAGE

220 V AC ($\pm 10\%$), 50 / 60 Hz
110 V AC,
24V DC, 12 V DC

ENCLOSURE - IP 67/68

Weatherproof
IS / IEC 60529
Flameproof or Ex-Proof - IS
IEC 60079

Zone II, Gas Group IIB T4

TORQUE RANGE

15 Nm to 5000 Nm

ATQ SERIES

Three Phase Quarter Turn



SUPPLY VOLTAGE

415 V AC ($\pm 10\%$), 50 / 60 Hz
380 V AC
460V AC

ENCLOSURE - IP 67/68

Weatherproof
IS / IEC 60529
Flameproof or Ex-Proof - IS
IEC 60079

Zone II, Gas Group IIB T4

TORQUE RANGE

50 Nm to 12000 Nm

ATM SERIES

Three Phase Multi-Turn



SUPPLY VOLTAGE

415 V AC ($\pm 10\%$), 50 / 60 Hz
380 V AC / 460V AC
220 V AC CTM Series

ENCLOSURE - IP 67/68

Weatherproof
IS / IEC 60529
Flameproof or Ex-Proof - IS
IEC 60079

Zone II, Gas Group IIB T4

TORQUE RANGE

50 Nm to 2400 Nm

VO SERIES

Single Phase Linear



SUPPLY VOLTAGE

220 V AC ($\pm 10\%$), 50 / 60 Hz
110 V AC, 24 V DC, 12V DC
(Available On request)

ENCLOSURE - IP 67

Weatherproof - IS / IEC 60529
TORQUE RANGE
150 Kgf to 3500 Kgf

Manufactured By:



Available At :
Cair Euromatic Automation Pvt. Ltd.

Plot No. 177 to 179 Shiv Shakti Estate, Near V-Trans,
Narol Road, Ahmedabad - 382 405 Gujarat, India.

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