

Your Solution Partner In  
**Industrial Valve Automation...**



# Lug Type Triple Eccentric Metal & Soft Seated **BUTTERFLY VALVE**



Mfg. & Mkt by :

**airaEuroautomation pvt. ltd.**  
INDIA

[www.airaindia.com](http://www.airaindia.com)



## About Us

*Clients are  
why we exist!*

We welcome and thank you for referring out detailed catalogue.

**aira** is know all over continents as a manufacturer of quality products - Ball Valves, Butterfly Valves, Plug Valves, & Control On / Off Valves with Pneumatic Actuators for Pharma, Oil & Gas, Steel, Paper, Water, Chemical and all type of processing industries.

**aira** has walked through more than 3 decades, gaining valuable experience, offering equipment's in the products manufactured by OEMs in all spheres of engineering. **aira** products have gained reputations of consultants, and approvals of users, OEMs and other as a quality product.

**aira** has expanding business into foreign markets specially GCC, UAE, Asian & African countries. This is because increase its customer base and revenue, leading to overall growth and success. Now foreign users come to know and believe in the services provided by the **aira**. Along with the same, it also helps to reach a large number of users thereby leading to the increase their business.

Being and ISO 9001 BVQI certified company has put **aira** in fore front. Out motto is "Value the customer" and "Superior product", one among the best in the world.

### Our Quality

- In- House full scale testing facility.
- Lean manufacturing practices
- Certified by : ISO 9001 : 2015 (BVQI LONDON), CE, ATEX, CIMFR, BIS, PESO, SIL 3, IBR
- API 609, API 6D

### Our Commitment

- To understand customer's need first before proposing our products.
- To keep on providing competitive rate's by adapting to continuous process improvement, without compromising on quality.
- To provide continuous support to our customers and go beyond their expectations in terms of delivery and after sale services.

### Our Manufacturing Facility

- In house R & D, manufacturing and testing facility is all located in a spread over three campuses at Ahmedabad, Gujarat, INDIA.

### Network - Sales Office

- 60 Plus Branch Offices in different states in India.
- Sales office in the Bangladesh, Dubai, Kenya, Malaysia, Nepal, Qatar, Singapore, South Africa, Sri Lanka, Turkey, USA (Expanding).

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**QMS (Quality Management System)**

ISO 9001 : 2015

**EMS (Environment Management System)**

ISO 14001 : 2015

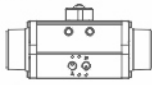
**OHSAS (Occupational Health & Safety Management System)**

ISO 45001 : 2018

**IBR**  
PISTON VALVE  
GLOBE CONTROL VALVE (CKD/CND)  
DISC CHECK VALVE (DCV)  
PRESSURE REDUCING VALVE (PRV)  
POP TYPE SAFETY VALVE  
BALL VALVE

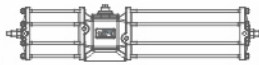
**Pneumatic Actuator**

CE /  
ATEX /  
EXIDA SIL-3 /  
PROOF OF DESIGN



**Scotch & Yoke Actuator**

CE / ATEX / SIL-3



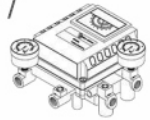
**Stainless Steel Actuator**

CE /  
IEP ATEX



**Positioner Enclosure**

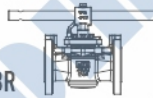
CE / CIMFR /  
IP67 / BIS  
/ PESO



**aira's**  
**SOME OF OUR**  
*Certificates*

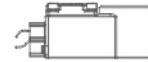
**Plug Valve**

FUGITIVE EMISSIONS  
TEST  
AS PER ISO  
15848-1 / IBR



**Flameproof Solenoid Valve**

IEP ATEX / CE / CIMFR  
/ IP65 / IP67 / IP68 /  
BIS / PESO



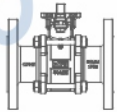
**Limit Switch**

IEP ATEX / CE / CIMFR  
/ IP67 / BIS / PESO /  
EQDC IP68



**Ball Valve (Floating & Trunnion)**

FIRE SAFE TEST DESIGN /  
FUGITIVE EMISSIONS TEST  
AS PER ISO 15848-1 / CE /  
PED /  
EXIDA SIL-3



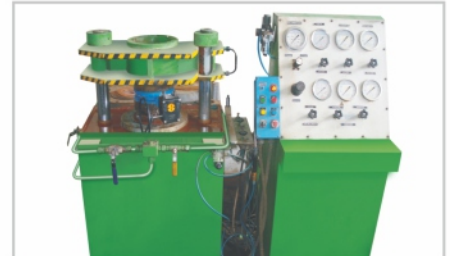
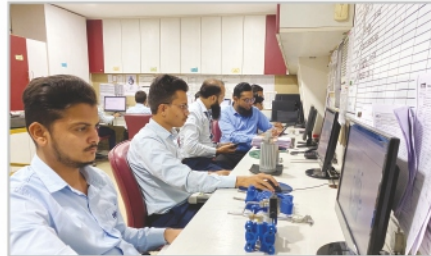
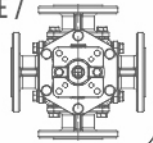
**Butterfly Valve (centric / Double & Triple Eccentric)**

FIRE SAFE TEST DESIGN /  
FUGITIVE EMISSIONS TEST  
AS PER ISO 15848-1 / CE /  
PED / EXIDA SIL-3  
/ IBR / PROOF OF DESIGN /  
FOOD GRADE / BIS / ISI



**Multiport Ball Valve**

FUGITIVE EMISSIONS TEST  
AS PER ISO 15848-1 / CE /  
PED / EIL



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# Company Profile



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# Lug Type Triple Eccentric Butterfly Valve Metal & Soft Seated



**Fire Safe  
Design Available  
On Request**

"aira" Offers high performance triple eccentric butterfly valves are complete metal to metal seated valves suitable for both throttling and positive isolation applications. These valves are capable of bi-directional flow control, zero leakage, low fugitive emissions, steam - based applications (up to 550°C) and for cryogenic applications (down to -196° C)

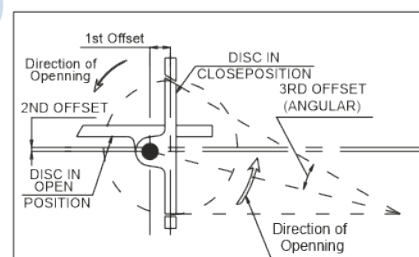
Due to the triple offset sealing system, the disc moves smoothly and free of friction at all points along the specially designed body seat & disc seal. This is because the third offset completely eliminates rubbing. When the disc is closed, the seal ring (on the disc) energises the seat (on the body) There by providing a snug - tight high - performance fit.

The laminar seal is constructed with grafoil layers sandwiched between metal laminations. This resiliency of the seal flexes and energizes according to the compressive forces generated. and allows for minor body deformations due to temperature fluctuations without the risk of jamming. This provides a uniform wedging effect and ensures "Zero" leakage of the valve.

**Size Range : 1.1/2" to 24" (Above 24" On Request)  
( 40 MM to 600 MM )**

## Standard

- Design And Manufacturer : API 609 Category "B" / BS EN 593
- Valve Face to Face Dimension : API 609 / BS EN 558
- Flange Conformity : ANSI B16.5, 16.47 150# / 300# / 600#
- Inspection & Testing : FCI - 70-2 / B16,104 / ISO 5208 / BS EN 12266 - 1
- Pressure Temperature Rating : ASME B 16.34
- Top Mounting Standard : ISO 5211
- Stem Square Drive : ISO 5211
- Leakage Class : IV / V / VI



## 600# On Request

### Pressure / Temperature Rating

|                       |                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pressure Rating       | 150# PN 10 / PN 16 / PN 20 & 300# PN 25 / PN 40                                                                                                                                                                                                                            |
| Operating Temperature | NBR : -10 °C to +90 °C / EPDM : -10 °C to +120 °C /<br>Viton : -10 °C to +220 °C / PTFE : -10 °C to +180 °C /<br>RPTFE : -10 °C to +220 °C / TFM : -10 °C to +250 °C /<br>S. S. 304 + Graphoil Laminated 400 °C<br>S. S. 304 + Inconel 625 Graphite Laminated Above 400 °C |

## Accessories

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - On Request)
- Pneumatic & Electro-Pneumatic valve positioner
- Declutchable Manual Over - Ride
- Limit Switches for On / Off Indication at Panel Boardn Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

Cv Value 150#

| Valve Size |      | Cv at 90 °C |
|------------|------|-------------|
| MM         | Inch |             |
| 80         | 3"   | 100         |
| 100        | 4"   | 219         |
| 125        | 5"   | 426         |
| 150        | 6"   | 633         |
| 200        | 8"   | 1511        |
| 250        | 10"  | 2467        |
| 300        | 12"  | 4024        |
| 350        | 14"  | 5200        |
| 400        | 16"  | 6870        |
| 500        | 20"  | 11718       |
| 600        | 24"  | 18621       |

Valve Torque 150#

| Valve Size |      | 5 Bar | 10 Bar | 20 Bar |
|------------|------|-------|--------|--------|
| MM         | Inch |       |        |        |
| 80         | 3"   | 24    | 28     | 42     |
| 100        | 4"   | 35    | 43     | 69     |
| 125        | 5"   | 55    | 78     | 115    |
| 150        | 6"   | 76    | 100    | 174    |
| 200        | 8"   | 182   | 198    | 353    |
| 250        | 10"  | 397   | 447    | 788    |
| 300        | 12"  | 590   | 758    | 1329   |
| 350        | 14"  | 510   | 842    | 1519   |
| 400        | 16"  | 754   | 1090   | 1900   |
| 500        | 20"  | 1578  | 2068   | 3703   |
| 600        | 24"  | 1485  | 2640   | 4751   |

Valve Torque 300#

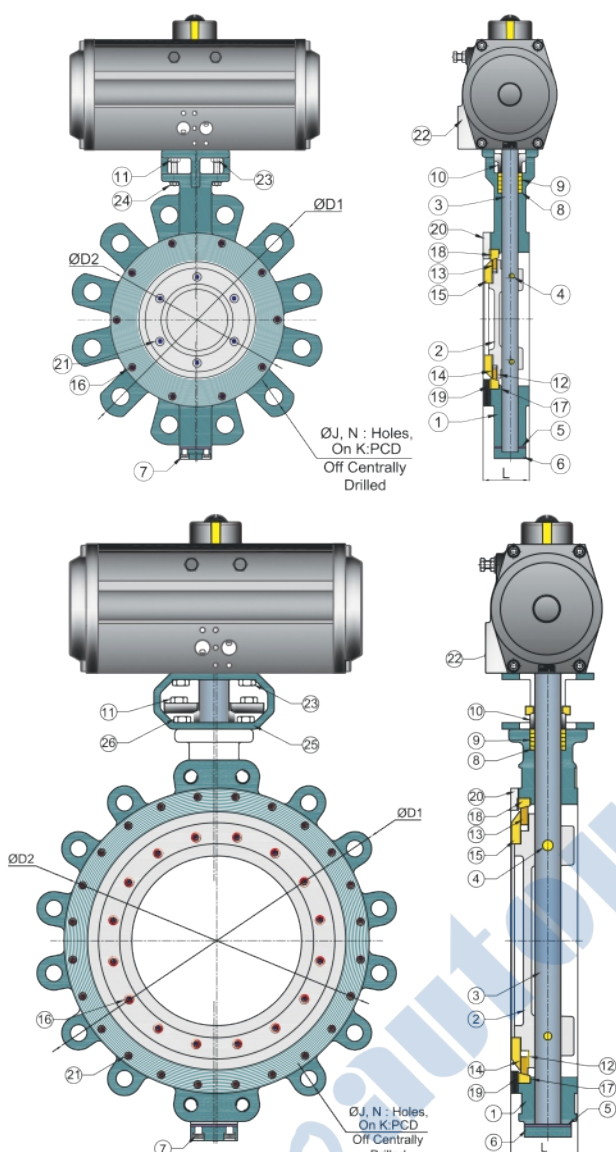
| Valve Size |      | 10 Bar | 20 Bar | 50 Bar |
|------------|------|--------|--------|--------|
| MM         | Inch |        |        |        |
| 80         | 3"   | 41     | 52     | 89     |
| 100        | 4"   | 66     | 88     | 153    |
| 125        | 5"   | 140    | 193    | 452    |
| 150        | 6"   | 373    | 426    | 1009   |
| 200        | 8"   | 633    | 788    | 1900   |
| 250        | 10"  | 930    | 1329   | 3189   |
| 300        | 12"  | 1143   | 1843   | 4471   |
| 350        | 14"  | 1886   | 2791   | 8783   |
| 400        | 16"  | 2541   | 3703   | 9031   |
| 500        | 20"  | 3379   | 5827   | 13881  |
| 600        | 24"  | 4833   | 8780   | 21624  |

## Tight Shut-off Leakage Class VI

We have successfully carried out proof of design test on these metal seated butterfly valve.

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# Lug Type Triple Eccentric Butterfly Valve Metal & Soft Seated



| No. | Description                       | Material                                                                           |
|-----|-----------------------------------|------------------------------------------------------------------------------------|
| 1   | Body                              | WCB / CF8 / CF8M / CF3M                                                            |
| 2   | Disc                              | WCB / CF8 / CF8M / CF3M                                                            |
| 3   | Shaft                             | S. S. 304 / 316 / 410 / 17-4PH / Monel / Inconel                                   |
| 4   | Disc Pin                          | S. S. 304 / 316 / 410                                                              |
| 5   | Steam Square Gasket               | S. S. 304 / 316 / Inconel 625 + Graphite                                           |
| 6   | Steam Square                      | CF8 / CF8M / CF3M                                                                  |
| 7   | L. N. Bolt For Steam Square       | Alloy Steel                                                                        |
| 8   | Flange Side Washer                | S. S. 304 / 316 / 410                                                              |
| 9   | Seal Set                          | Graphoil / Graphite / PTFE / EPDM                                                  |
| 10  | Gland Pata                        | CF8 / CF8M / CF3M                                                                  |
| 11  | Hex Bolt For Gland Pata           | Alloy Steel                                                                        |
| 12  | Disc Seal Ring Gasket             | S. S. 304 / 316 / Inconel 625 + Graphite                                           |
| 13  | Disc Seal Ring                    | S S 304 / 316 + Graphoil Laminated / NBR / EPDM / Viton / PTFE / RPTFE / CFT / GFT |
| 14  | Disc Retainer Gasket              | S. S. 304 / 316 / Inconel 625 + Graphite                                           |
| 15  | Disc Retainer                     | CF8 / CF8M / CF3M                                                                  |
| 16  | L. N. Bolt For Retainer           | Alloy Steel                                                                        |
| 17  | Body Seat Ring Gasket             | S. S. 304 / 316 / Inconel 625 + Graphite                                           |
| 18  | Body Seal Ring                    | CF8 / CF8M / CF3M                                                                  |
| 19  | Body Clamping Ring Gasket         | S. S. 304 / 316 / Inconel 625 + Graphite                                           |
| 20  | Body Clamping Ring                | CF8 / CF8M / CF3M                                                                  |
| 21  | L. N. Bolt For Body Clamping Ring | Alloy Steel                                                                        |
| 22  | Actuator                          | Std.                                                                               |
| 23  | Hex Bolt For Actuator             | Alloy Steel                                                                        |
| 24  | Nut For Gland Pata                | Alloy Steel                                                                        |
| 25  | Bracket                           | WCB / CF8 / CF8M / CF3M                                                            |
| 26  | Hex Bolt For Bracket              | Alloy Steel                                                                        |

**600# On Request**

## Dimensions :

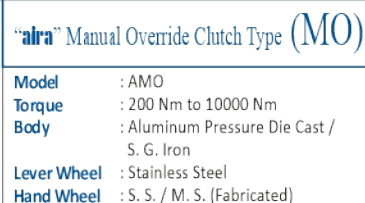
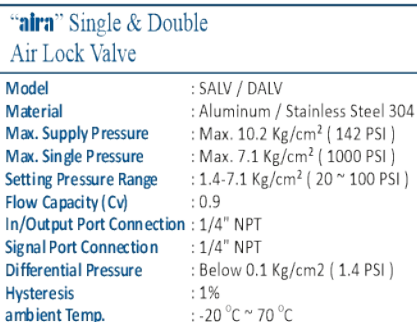
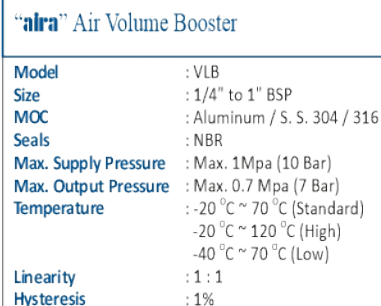
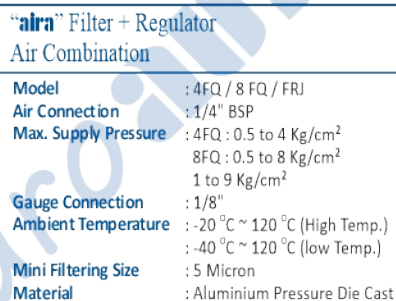
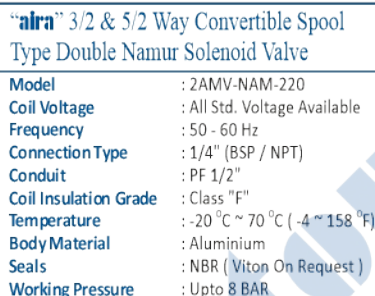
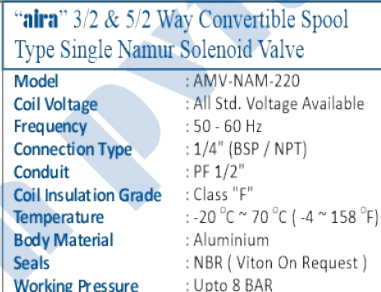
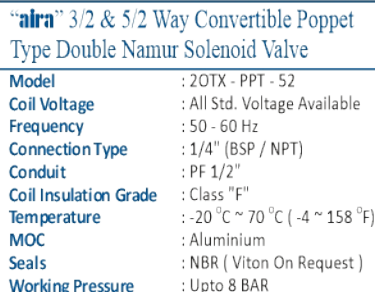
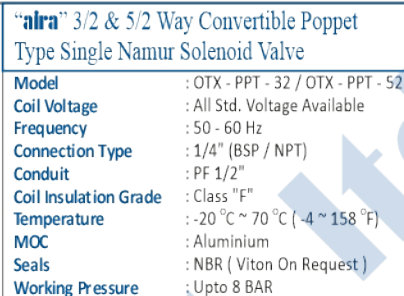
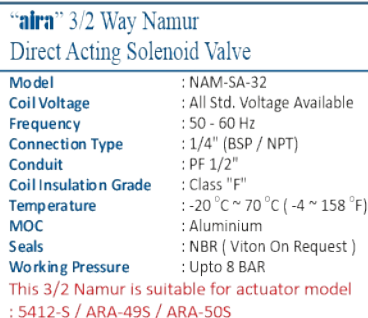
| Valve Model | Valve Size |        | 150# |     |       |       |    |       |     | 300# |       |       |     |       |       |
|-------------|------------|--------|------|-----|-------|-------|----|-------|-----|------|-------|-------|-----|-------|-------|
|             | MM         | Inch   | L    | ØD1 | ØD2   | ØJ    | N  | K-PCD |     | L    | ØD1   | ØD2   | ØJ  | N     | K-PCD |
| TOB-40-LT   | 40         | 1.1/2" | 42   | 125 | 82    | 15    | 4  | 99    | --- | ---  | ---   | ---   | --- | ---   | ---   |
| TOB-50-LT   | 50         | 2"     | 45   | 150 | 95.5  | 19.05 | 4  | 120.7 | 45  | 165  | 92    | 19.05 | 8   | 127   |       |
| TOB-65-LT   | 65         | 2.1/2" | 48   | 180 | 104   | 19.05 | 4  | 139.7 | 48  | 190  | 104.8 | 22.2  | 8   | 149.2 |       |
| TOB-80-LT   | 80         | 3"     | 48   | 190 | 126   | 19.05 | 4  | 152.4 | 48  | 210  | 127   | 22.2  | 8   | 168.3 |       |
| TOB-100-LT  | 100        | 4"     | 54   | 230 | 158   | 19.05 | 8  | 190.5 | 54  | 255  | 157.2 | 22.2  | 8   | 200   |       |
| TOB-125-LT  | 125        | 5"     | 57   | 255 | 186   | 22.2  | 8  | 215.9 | 59  | 280  | 185.7 | 22.2  | 8   | 235   |       |
| TOB-150-LT  | 150        | 6"     | 57   | 280 | 216   | 22.2  | 8  | 241.3 | 59  | 320  | 215.9 | 22.2  | 12  | 269.9 |       |
| TOB-200-LT  | 200        | 8"     | 64   | 345 | 270   | 22.2  | 8  | 298.5 | 73  | 380  | 269.9 | 25.4  | 12  | 330.2 |       |
| TOB-250-LT  | 250        | 10"    | 72   | 405 | 325   | 25.4  | 12 | 362   | 83  | 445  | 323.8 | 28.6  | 16  | 387.4 |       |
| TOB-300-LT  | 300        | 12"    | 81   | 485 | 381   | 25.4  | 12 | 431.8 | 92  | 520  | 381   | 31.75 | 16  | 450.8 |       |
| TOB-350-LT  | 350        | 14"    | 92   | 535 | 412   | 28.6  | 12 | 476.3 | 117 | 585  | 412.8 | 31.75 | 20  | 514.4 |       |
| TOB-400-LT  | 400        | 16"    | 102  | 595 | 472   | 28.6  | 16 | 539.8 | 133 | 650  | 469.9 | 34.9  | 20  | 571.5 |       |
| TOB-450-LT  | 450        | 18"    | 114  | 635 | 532   | 31.75 | 16 | 577.9 | 149 | 710  | 533.4 | 34.9  | 24  | 628.6 |       |
| TOB-500-LT  | 500        | 20"    | 127  | 700 | 584   | 31.75 | 20 | 635   | 159 | 775  | 584.2 | 34.9  | 24  | 685.8 |       |
| TOB-600-LT  | 600        | 24"    | 154  | 815 | 692.2 | 34.9  | 20 | 749.3 | 181 | 915  | 692.2 | 41.3  | 24  | 812.8 |       |

(All Dimensions are in mm)

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Model</b> : APP-1200-L<br/>APP-1200-R</p>      | <p><b>"aira" Rotary / Liner Type Pneumatic - Pneumatic Valve Positioner</b></p> <p><b>Input Signal</b> : 3 ~ 15psi (0.2-1.0 kgf/cm<sup>2</sup>)<br/> <b>Supply Air Pressure</b> : 100 psi Max. (7.0 kgf/cm<sup>2</sup>)<br/> <b>Standard Stroke</b> : 10 ~ 80mm<br/> <b>Air Piping Connection</b> : 1/4" NPT (F)<br/> <b>Temperature</b> : -20 °C to 70 °C<br/> <b>Pressure Gauge</b> : Stainless Steel<br/> <b>Explosion-Proof</b> : Ex 'd' II CT6<br/> <b>Degree of Protection</b> : IP66<br/> <b>Pressure Gauge</b> : Stainless Steel 0-2 kg/cm<sup>2</sup><br/> 0-4 kg/cm<sup>2</sup> / 0-10 kg/cm<sup>2</sup><br/> <b>Output Characteristics</b> : Rotary<br/> <b>Linearity</b> : Within ± 1.0% F.S.<br/> <b>Sensitivity</b> : Within 0.2% F.S.<br/> <b>Hysteresis</b> : Within 0.2% F.S.<br/> <b>Repeatability</b> : Within ± 0.75% F.S.<br/> <b>Air Consumption</b> : 5.0 LPM (1.4 kg/cm<sup>2</sup>) Supply<br/> <b>Flow Capacity</b> : 80 LPM (1.4 kg/cm<sup>2</sup>) Supply<br/> <b>Material</b> : Aluminium Die cast Body<br/> <b>Weight</b> : 1.8 Kg. (Approx)</p> | <p><b>Model</b> : AEP-1000-L<br/>AEP-1000-R</p>      | <p><b>"aira" Rotary / Liner Flameproof cum Weatherproof Electro Pneumatic Valve Positioner</b></p> <p><b>Input Signal</b> : 4~20 mA DC<br/> <b>Input Resistance</b> : 235 ±15<br/> <b>Supply Air Pressure</b> : 20 ~ 100psi (7.0 kg/cm<sup>2</sup>)<br/> <b>Standard Stroke</b> : 10 ~ 80mm<br/> <b>Air Piping Connection</b> : 1/4" NPT (F)<br/> <b>Conduit Connection</b> : 1/2" NPT (F)<br/> <b>Explosion-proof</b> : Ex 'd' II CT6<br/> <b>Degree of Protection</b> : IP66<br/> <b>Temperature</b> : -20 °C to 70 °C<br/> <b>Pressure Gauge</b> : Stainless Steel 0-2 kg/cm<sup>2</sup><br/> 0-4 kg/cm<sup>2</sup> / 0-10 kg/cm<sup>2</sup><br/> <b>Output Characteristics</b> : Rotary<br/> <b>Linearity</b> : Within ± 1.0% F.S.<br/> <b>Sensitivity</b> : Within 0.2% F.S.<br/> <b>Hysteresis</b> : Within 0.75% F.S.<br/> <b>Repeatability</b> : Within ± 0.5% F.S.<br/> <b>Air Consumption</b> : 5.0 LPM (1.4 kg/cm<sup>2</sup>) Supply<br/> <b>Flow Capacity</b> : 80 LPM (1.4 kg/cm<sup>2</sup>) Supply<br/> <b>Material</b> : Alluminium Die Cast Body<br/> <b>Weight</b> : 2.8 Kg. With a terminal box</p> |
|                                                                                                                                                                                                                                                                                                      | <p><b>"aira" Weatherproof Micro Limit Switch Box Dom Indicator Type On/Off Indicator</b></p> <p><b>Type</b> : Mechanical Switch X 2 / Proximity Sensors P&amp;F Make<br/> <b>Model</b> : LA4 - FLP - 01<br/> <b>Switch</b> : Honeywell V15 / Honeywell V15 / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)<br/> <b>Type</b> : 1 NO + 1 NC / 2 NO + 2 NC<br/> <b>Switch Rating</b> : AC 250V 3A, 125V 5A &amp; DC 250V 0.2A, 125V 0.4A, 30V 4A<br/> <b>Enclosure Protection</b> : IP 67<br/> <b>Temperature</b> : -20 °C ~ 80 °C<br/> <b>Conduit Entry</b> : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)<br/> <b>Terminal Mounting</b> : 8 Points<br/> <b>Bracket</b> : Namur VDI / VDE 3845, ISO 5211<br/> <b>Material</b> : Aluminum Pressure Die Cast</p>                                                                                                                                                                                                                                                                                                                 |                                             | <p><b>"aira" Flameproof Limit Switch Box</b></p> <p><b>Type</b> : Mechanical Switch X 2 / Proximity Sensors P&amp;F Make<br/> <b>Model</b> : MLS - BX - FLP - 01<br/> <b>Switch</b> : Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)<br/> <b>Type</b> : 1 NO + 1 NC / 2 NO + 2 NC<br/> <b>Switch Rating</b> : AC 250V 3A, 125V 5A &amp; DC 250V 0.2A, 125V 0.4A, 30V 4A<br/> <b>Enclosure Protection</b> : IP 67<br/> <b>Temperature</b> : -20 °C ~ 80 °C<br/> <b>Conduit Entry</b> : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)<br/> <b>Terminal Mounting</b> : 8 Points<br/> <b>Bracket</b> : Namur VDI / VDE 3845, ISO 5211<br/> <b>Material</b> : Aluminum Pressure Die Cast</p>                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                     | <p><b>"aira" Flameproof Micro Limit Switch Box with Stainless Steel 304 / 316</b></p> <p><b>Type</b> : Mechanical Switch X 2 / Proximity Sensors P&amp;F Make<br/> <b>Model</b> : LS4 - FLP-01<br/> <b>Switch</b> : Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)<br/> <b>Type</b> : 1 NO + 1 NC / 2 NO + 2 NC<br/> <b>Switch Rating</b> : AC 250V 3A, 125V 5A &amp; DC 250V 0.2A, 125V 0.4A, 30V 4A<br/> <b>Enclosure Protection</b> : IP 67<br/> <b>Temperature</b> : -20 °C ~ 80 °C<br/> <b>Conduit Entry</b> : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)<br/> <b>Terminal Mounting</b> : 8 Points<br/> <b>Bracket</b> : Namur VDI / VDE 3845, ISO 5211<br/> <b>Material</b> : Stainless Steel 304 / 316</p>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                   | <p><b>"aira" Weatherproof Limit Switch Box</b></p> <p><b>Type</b> : Mechanical Switch X 2 / Proximity Sensors P&amp;F Make<br/> <b>Model</b> : MMLS - BX - WP - 01<br/> <b>Switch</b> : Honeywell ZM / NJ2 - V3 - N (Upto 8 Voltage) / NBB - V3 - Z4 (Upto 10 to 60 VDC)<br/> <b>Type</b> : 1 NO + 1 NC<br/> <b>Switch Rating</b> : AC 250V 3A, 125V 5A &amp; DC 250V 0.2A, 125V 0.4A, 30V 4A<br/> <b>Enclosure Protection</b> : IP 67<br/> <b>Temperature</b> : -20 °C ~ 80 °C<br/> <b>Conduit Entry</b> : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)<br/> <b>Terminal Mounting</b> : 8 Points<br/> <b>Bracket</b> : Namur VDI / VDE 3845, ISO 5211<br/> <b>Material</b> : Aluminum Pressure Die Cast</p>                                                                                                                                                                                                                                                                                                                                                                                                                |





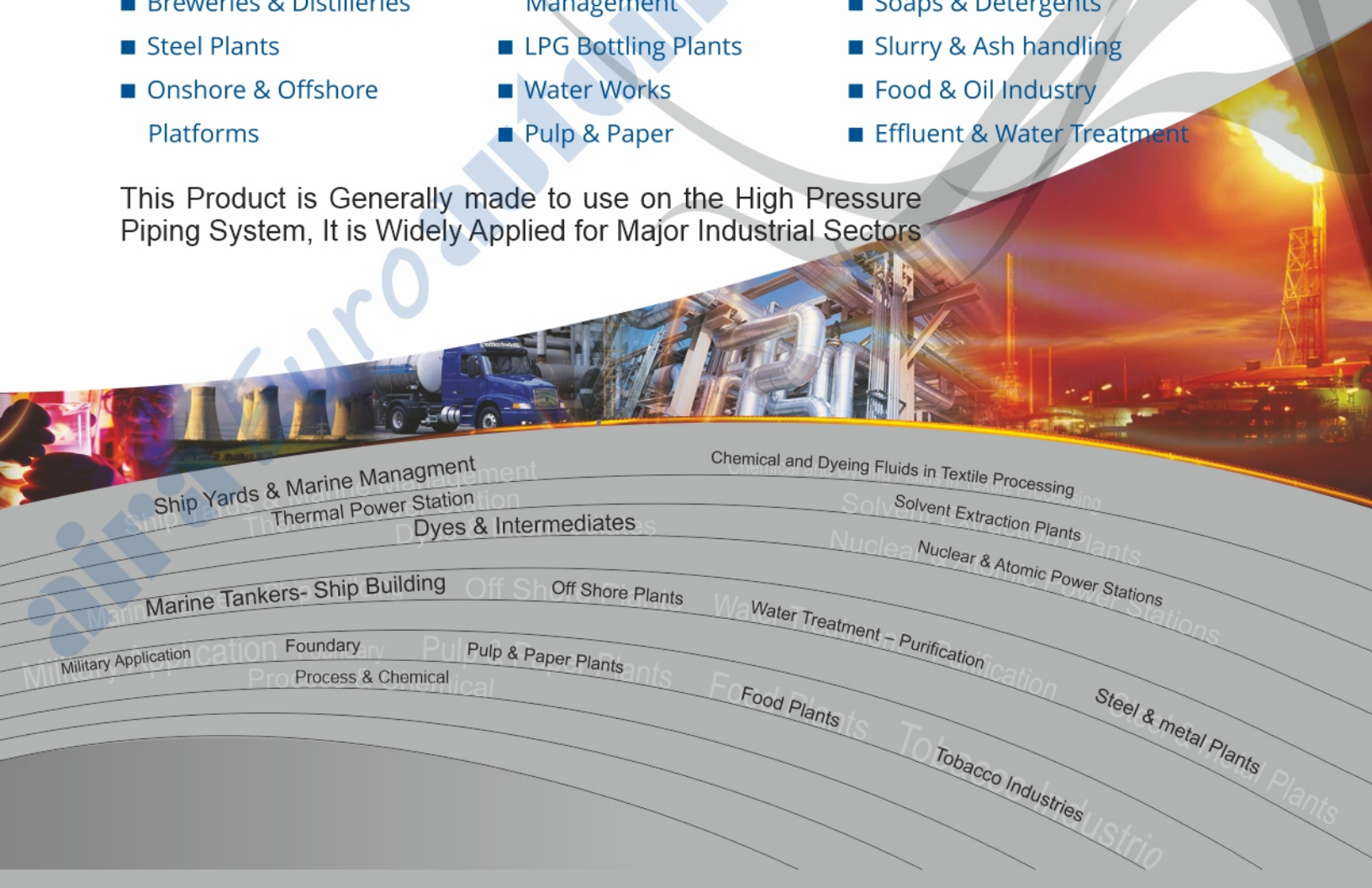
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## Application

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- Dyes & Intermediates
- Breweries & Distilleries
- Steel Plants
- Onshore & Offshore Platforms
- Steel Plants
- Solvent Extraction Plants
- Sewage
- Cooling Water
- Ship Yards & Marine Management
- LPG Bottling Plants
- Water Works
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- Fertilizers
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- Nuclear & Atomic Power Stations
- Paints & Varnishes
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- Slurry & Ash handling
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This Product is Generally made to use on the High Pressure Piping System, It is Widely Applied for Major Industrial Sectors



Ship Yards & Marine Management  
Thermal Power Station  
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*industrial valve automation*

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