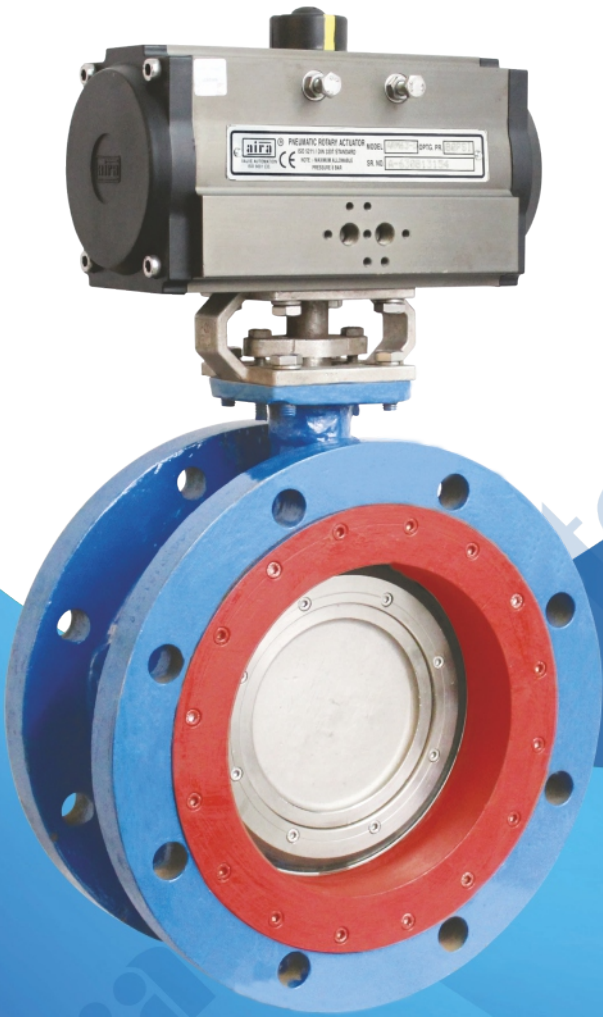


Your Solution Partner In
Industrial Valve Automation...



Double Flange Triple Eccentric Metal & Soft Seated **BUTTERFLY VALVE**



Mfg. & Mkt by :

aira Euroautomation pvt. ltd.
INDIA



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

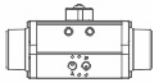
OHSAS (Occupational Health & Safety Management System)

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

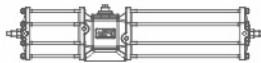
Pneumatic Actuator

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



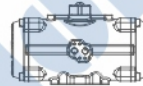
Scotch & Yoke Actuator

CE / ATEX / SIL-3



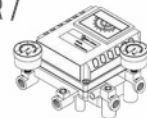
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

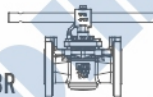
CE / CIMFR /
IP67 / BIS
/ PESO



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



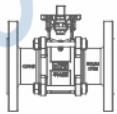
Limit Switch

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



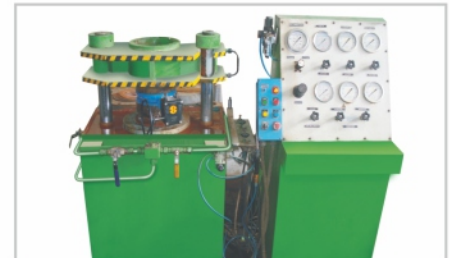
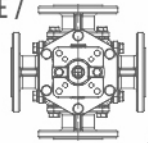
Butterfly Valve (centric / Double & Triple Eccentric)

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



Company Profile



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Double Flange Triple Eccentric Butterfly Valve Metal & Soft Seated



"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)

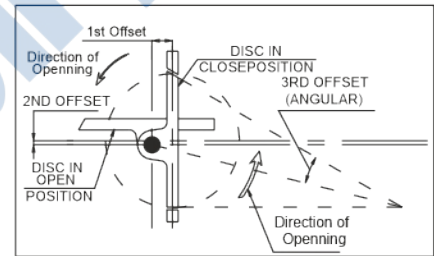
Due to the triple offset sealing system, the disc moves smoothly and free of friction at all points along the specially designed body seat & disc seal. This is because the third offset completely eliminates rubbing. When the disc is closed, the seal ring (on the disc) energises the seat (on the body) 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 48" (Above 48" On Request)
(40 MM to 1200 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



**Fire Safe
Design Available
On Request**

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 / Viton : -10 °C to +220 °C / PTFE : -10 °C to +180 °C / RPTFE : -10 °C to +220 °C / TFM : -10 °C to +250 °C / S. S. 304 + Graphoil Laminated 400 °C / 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
700	28"	25694
750	30"	30507
800	32"	37570
900	36"	44626
1000	40"	58541
1050	42"	62536
1200	48"	81680

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
700	28"	2818	4838	8779
750	30"	3148	9120	16178
800	32"	3572	9748	17947
900	36"	4922	16882	31199
1000	40"	9034	23653	43468
1050	42"	10342	25299	46711
1200	48"	13639	35789	67626

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

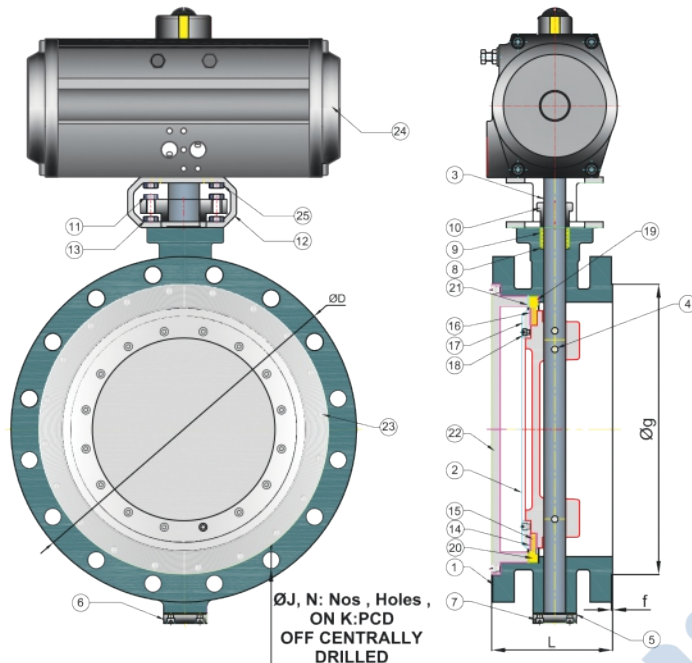
Tight Shut-off Leakage Class VI

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

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Double Flange Triple Eccentric Butterfly Valve Metal & Soft Seated



ØJ, N: Nos , Holes ,
ON K:PCD
OFF CENTRALLY
DRILLED

600# On Request

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

Dimensions : (150# & 300#)

Valve Model	Valve Size		150#							Weight (Approx.)	300#						
	MM	Inch	L	ØD	Øg	f	ØJ	N	K:PCD		L	ØD	Øg	f	ØJ	N	K:PCD
TOB-40-FD	40	1.1/2"	106	125	73	2	15.9	4	98.4	6.208	---	---	---	---	---	---	
TOB-50-FD	50	2"	108	150	92.1	2	19.05	4	120.7	7.450	150	165	92.1	2	19.05	8	127
TOB-65-FD	65	2.1/2"	112	180	104.8	2	19.05	4	139.7	10.970	170	190	104.8	2	22.2	8	149.2
TOB-80-FD	80	3"	114	190	127	2	19.05	4	152.4	13.247	180	210	127	2	22.2	8	168.3
TOB-100-FD	100	4"	127	230	157.2	2	19.05	8	190.5	20.128	190	255	157.2	2	22.2	8	200
TOB-125-FD	125	5"	140	255	185.7	2	22.2	8	215.9	26.053	200	280	185.7	2	22.2	8	235
TOB-150-FD	150	6"	140	280	215.9	2	22.2	8	241.3	33.854	210	320	215.9	2	22.2	12	269.9
TOB-200-FD	200	8"	152	345	269.9	2	22.2	8	298.5	52.321	230	380	269.9	2	25.4	12	330.2
TOB-250-FD	250	10"	165	405	323.8	2	25.4	12	362	76.649	250	445	323.8	2	28.6	16	387.4
TOB-300-FD	300	12"	178	485	381	2	25.4	12	431.8	115.770	270	520	381	2	31.75	16	450.8
TOB-350-FD	350	14"	190	535	412.8	2	28.6	12	476.3	155.450	290	585	412.8	2	31.75	20	514.4
TOB-400-FD	400	16"	216	595	469.9	2	28.6	16	539.8	226.300	310	650	469.9	2	34.9	20	571.5
TOB-450-FD	450	18"	222	635	533.4	2	31.75	16	577.9	268.520	330	710	533.4	2	34.9	24	628.6
TOB-500-FD	500	20"	229	700	584.2	2	31.75	20	635	408.740	350	775	584.2	2	34.9	24	685.8
TOB-600-FD	600	24"	267	815	692.2	2	34.9	20	749.3	422.520	390	915	692.2	2	41.3	24	812.8
TOB-650-FD	650	26"	292	785	711	2	22.2	36	744.5	380.970							
TOB-700-FD	700	28"	292	835	762	2	22.2	40	795.3	425.980							
TOB-750-FD	750	30"	318	885	813	2	22.2	44	846.1	541.540							
TOB-800-FD	800	32"	318	940	864	2	22.2	48	900.1	576.320							
TOB-850-FD	850	34"	324	1005	921	2	25.4	40	957.3	658.820							
TOB-900-FD	900	36"	330	1055	972	2	25.4	44	1009.3	711.520							
TOB-1000-FD	1000	40"	410	1175	1080	2	28.6	44	1120.8	997.500							
TOB-1050-FD	1050	42"	410	1225	1130	2	28.6	48	1171.6	1129.20							
TOB-1200-FD	1200	48"	470	1390	1289	2	31.8	44	1335.1	1150.90							

(All Dimensions are in mm)


Note : 40mm to 500mm Valve with Actuator Weight & Above without Actuator Weight.

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Model : APP-1200-L
APP-1200-R

"aira" Rotary / Liner Type Pneumatic - Pneumatic Valve Positioner




Input Signal : 3 ~ 15psi (0.2-1.0 kgf/cm²)
Supply Air Pressure : 100 psi Max. (7.0 kgf/cm²)
Standard Stroke : 10 ~ 80mm
Air Piping Connection : 1/4" NPT (F)
Temperature : -20 °C to 70 °C
Pressure Gauge : Stainless Steel
Explosion-Proof : Ex 'd' II CT6
Degree of Protection : IP66
Pressure Gauge : Stainless Steel 0-2 kg/cm²
 0-4 kg/cm² / 0-10 kg/cm²
 : Rotary

Output Characteristics
Linearity : Within ± 1.0% F.S.
Sensitivity : Within 0.2% F.S.
Hysteresis : Within 0.2% F.S.
Repeatability : Within ± 0.75% F.S.
Air Consumption : 5.0 LPM (1.4 kg/cm²) Supply
Flow Capacity : 80 LPM (1.4 kg/cm²) Supply
Material : Aluminium Die cast Body
Weight : 1.8 Kg. (Approx)

IS / IEC 60079-1
CML-3812155
CIMFR
CE
CCEO Nagpur

Model : AEP-1000-L
AEP-1000-R

"aira" Rotary / Liner Flameproof cum Waeatherproof Electro Pneumatic Valve Positioner



Input Signal : 4~20 mA DC
Input Resistance : 235 ±15
Supply Air Pressure : 20 ~ 100psi (7.0 kg/cm²)
Standard Stroke : 10 ~ 80mm
Air Piping Connection : 1/4" NPT (F)
Conduit Connection : 1/2" NPT (F)
Explosion-proof : Ex 'd' II CT6
Degree of Protection : IP66
Temperature : -20 °C to 70 °C
Pressure Gauge : Stainless Steel 0-2 kg/cm²
 0-4 kg/cm² / 0-10 kg/cm²
 : Rotary

Output Characteristics
Linearity : Within ± 1.0% F.S.
Sensitivity : Within 0.2% F.S.
Hysteresis : Within 0.75% F.S.
Repeatability : Within ± 0.5% F.S.
Air Consumption : 5.0 LPM (1.4 kg/cm²) Supply
Flow Capacity : 80 LPM (1.4 kg/cm²) Supply
Material : Alluminium Die Cast Body
Weight : 2.8 Kg. With a terminal box

IS / IEC 60079-1
CML-3812155
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CE
CCEO Nagpur


"aira" Weatherproof Micro Limit Switch Box Dom Indicator Type On/Off Indicator



Type : Mechanical Switch X 2 / Proximity Sensors P&F Make
Model Switch : LA4 - FLP - 01
 : Honywell V15 / Honywell V15 / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type Switch Rating : 1 NO + 1 NC / 2 NO + 2 NC
 : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection : IP 67
Temperature : -20 °C ~ 80 °C
Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)
Terminal Mounting Bracket : 8 Points
 : Namur VDI / VDE 3845, ISO 5211
Material : Aluminum Pressure Die Cast

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CCEO Nagpur


"aira" Flameproof Limit Switch Box



Type : Mechanical Switch X 2 / Proximity Sensors P&F Make
Model Switch : MLS - BX - FLP - 01
 : Honywell V15 / Honywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type Switch Rating : 1 NO + 1 NC / 2 NO + 2 NC
 : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection : IP 67
Temperature : -20 °C ~ 80 °C
Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)
Terminal Mounting Bracket : 8 Points
 : Namur VDI / VDE 3845, ISO 5211
Material : Aluminum Pressure Die Cast

IS / IEC 60079-1
CML-3812155
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CCEO Nagpur


"aira" Flameproof Micro Limit Switch Box with Stainless Steel 304 / 316



Type : Mechanical Switch X 2 / Proximity Sensors P&F Make
Model Switch : LS4 - FLP-01
 : Honywell V15 / Honywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type Switch Rating : 1 NO + 1 NC / 2 NO + 2 NC
 : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection : IP 67
Temperature : -20 °C ~ 80 °C
Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)
Terminal Mounting Bracket : 8 Points
 : Namur VDI / VDE 3845, ISO 5211
Material : Stainless Steel 304 / 316


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"aira" Weatherproof Limit Switch Box



Type : Mechanical Switch X 2 / Proximity Sensors P&F Make
Model Switch : MMLS - BX - WP - 01
 : Honywell ZM / NJ2 - V3 - N (Upto 8 Voltage) / NBB - V3 - Z4 (Upto 10 to 60 VDC)
Type Switch Rating : 1 NO + 1 NC
 : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection : IP 67
Temperature : -20 °C ~ 80 °C
Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5)
Terminal Mounting Bracket : 8 Points
 : Namur VDI / VDE 3845, ISO 5211
Material : Aluminum Pressure Die Cast


IS / IEC 60079-1
CML-3812155
CIMFR
CE
CCEO Nagpur



“aira” 3/2 Way Namur Direct Acting Solenoid Valve

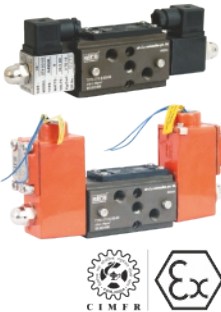
Model	: NAM-SA-32
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (BSP / NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Temperature	: -20 °C ~ 70 °C (-4 ~ 158 °F)
MOC	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 8 BAR

This 3/2 Namur is suitable for actuator model : 5412-S / ARA-49S / ARA-50S




“aira” 3/2 & 5/2 Way Convertible Poppet Type Single Namur Solenoid Valve

Model	: OTX - PPT - 32 / OTX - PPT - 52
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (BSP / NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Temperature	: -20 °C ~ 70 °C (-4 ~ 158 °F)
MOC	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 8 BAR




“aira” 3/2 & 5/2 Way Convertible Poppet Type Double Namur Solenoid Valve

Model	: 2OTX - PPT - 52
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (BSP / NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Temperature	: -20 °C ~ 70 °C (-4 ~ 158 °F)
MOC	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 8 BAR



“aira” 3/2 & 5/2 Way Convertible Spool Type Single Namur Solenoid Valve

Model	: AMV-NAM-220
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (BSP / NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Temperature	: -20 °C ~ 70 °C (-4 ~ 158 °F)
Body Material	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 8 BAR



“aira” 3/2 & 5/2 Way Convertible Spool Type Double Namur Solenoid Valve

Model	: 2AMV-NAM-220
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (BSP / NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Temperature	: -20 °C ~ 70 °C (-4 ~ 158 °F)
Body Material	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 8 BAR



“aira” AJ Series 3/2 Way Direct Acting Solenoid Valve (Normally Open & Closed)

Model	: AIDS-09-202
Size	: 1/4" BSP
Body	: Aluminium Pressure Die Cast
Orifice	: 2 MM
Pressure	: 7 Kg/cm ² / 10 Kg/cm ²
Temp.	: Upto 50 °C
Leakage	: Bubble Tight
Frequency	: 50 ~ 60 Hz
Coil Insulation Grade	: Class "F"
Media	: Air (Filtered & Lubricated)
Voltage	: All Std. Voltage Available



“aira” Filter + Regulator Air Combination

Model	: 4FQ / 8 FQ / FRJ
Air Connection	: 1/4" BSP
Max. Supply Pressure	: 4FQ: 0.5 to 4 Kg/cm ² 8FQ: 0.5 to 8 Kg/cm ² 1 to 9 Kg/cm ²
Gauge Connection	: 1/8"
Ambient Temperature	: -20 °C ~ 120 °C (High Temp.) -40 °C ~ 120 °C (low Temp.)
Mini Filtering Size	: 5 Micron
Material	: Aluminium Pressure Die Cast

(4FQ / 8FQ) (FRJ)



“aira” Air Volume Booster

Model	: VLB
Size	: 1/4" to 1" BSP
MOC	: Aluminium / S. S. 304 / 316
Seals	: NBR
Max. Supply Pressure	: Max. 1Mpa (10 Bar)
Max. Output Pressure	: Max. 0.7 Mpa (7 Bar)
Temperature	: -20 °C ~ 70 °C (Standard) -20 °C ~ 120 °C (High) -40 °C ~ 70 °C (Low)
Linearity	: 1 : 1
Hysteresis	: 1%



“aira” Single & Double Air Lock Valve

Model	: SALV / DALV
Material	: Aluminum / Stainless Steel 304
Max. Supply Pressure	: Max. 10.2 Kg/cm ² (142 PSI)
Max. Single Pressure	: Max. 7.1 Kg/cm ² (1000 PSI)
Setting Pressure Range	: 1.4-7.1 Kg/cm ² (20 ~ 100 PSI)
Flow Capacity (Cv)	: 0.9
In/Output Port Connection	: 1/4" NPT
Signal Port Connection	: 1/4" NPT
Differential Pressure	: Below 0.1 Kg/cm ² (1.4 PSI)
Hysteresis	: 1%
ambient Temp.	: -20 °C ~ 70 °C

DALV SALV



“aira” Manual Override Clutch Type (MO)

Model	: AMO
Torque	: 200 Nm to 10000 Nm
Body	: Aluminium Pressure Die Cast / S. G. Iron
Lever Wheel	: Stainless Steel
Hand Wheel	: S. S. / M. S. (Fabricated)

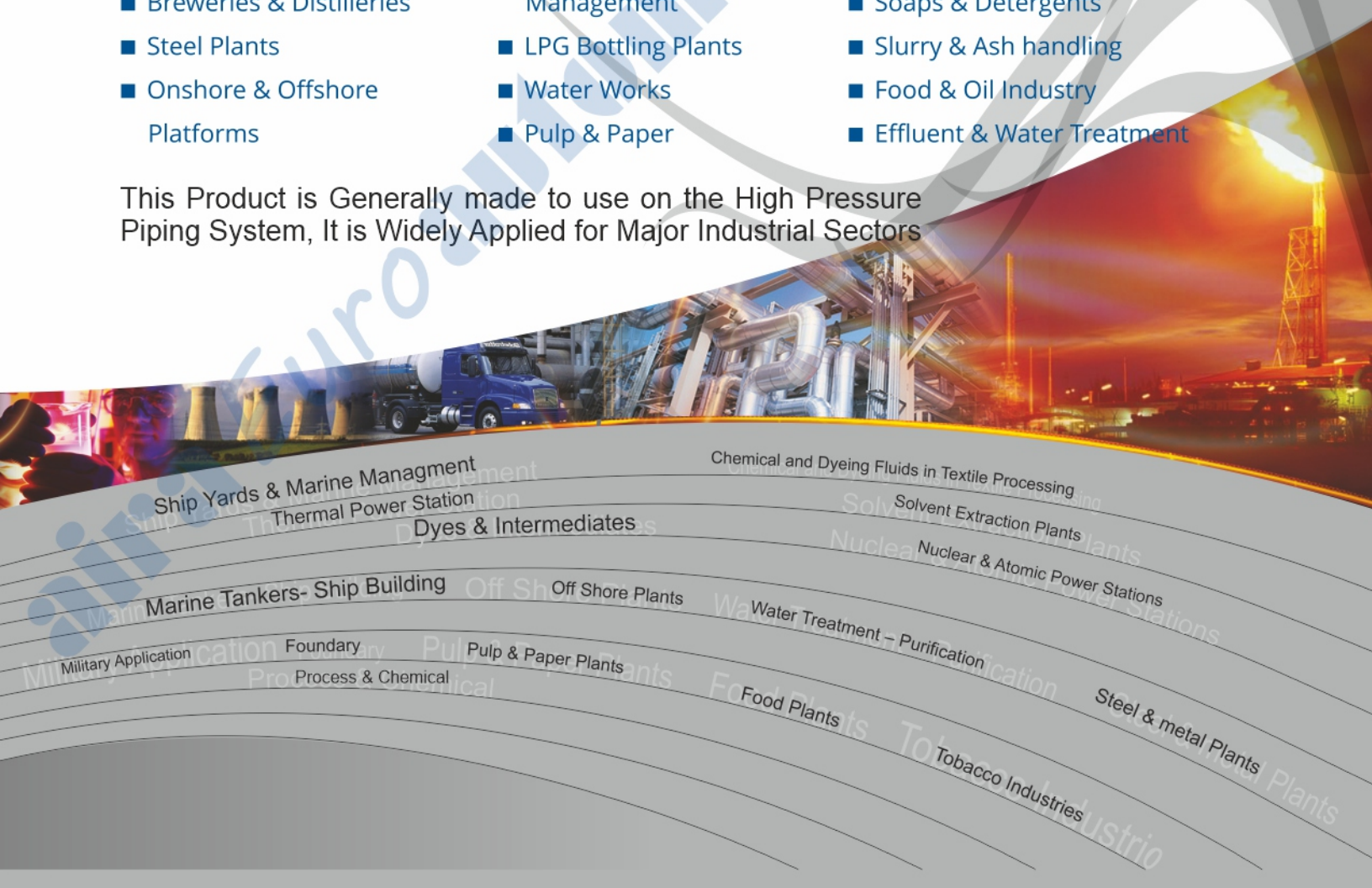
Installations

- Indian Oil
- Reliance Industries Limited
- ONGC
- Hindalco
- Godrej
- Indian Railway
- Vedanta
- Voltas
- NTPC
- Gujarat State Fertilizers & Chemical Ltd.
- L & T
- Gail
- Hindustan Petroleum
- BHEL
- IFFCO
- BARC
- Thermax
- Essar

Application

- Process & Chemical
- Refineries & Petrochemicals
- Drugs & Pharmaceuticals
- Thermal Power Stations
- 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
- Pulp & Paper
- Fertilizers
- Textiles
- Sugar
- Nuclear & Atomic Power Stations
- Paints & Varnishes
- Soaps & Detergents
- Slurry & Ash handling
- Food & Oil Industry
- Effluent & Water Treatment

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

Dyes & Intermediates

Marine Tankers- Ship Building

Off Shore Plants

Military Application

Foundary

Pulp & Paper Plants

Water Treatment - Purification

Food Plants

Steel & metal Plants

Tobacco Industries

Chemical and Dyeing Fluids in Textile Processing

Solvent Extraction Plants

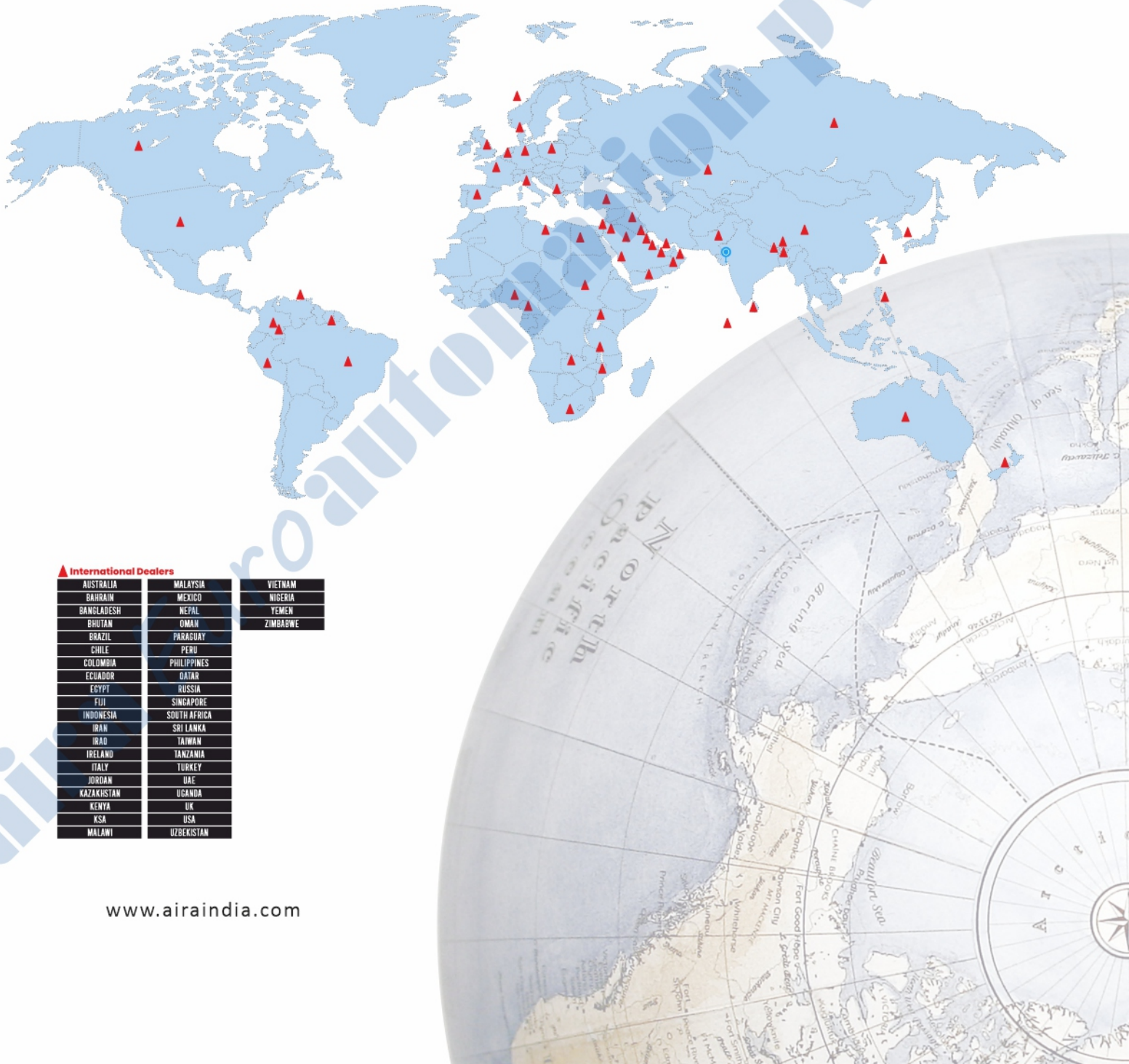
Nuclear & Atomic Power Stations



time tested designs with superior performance

GLOBAL

Network



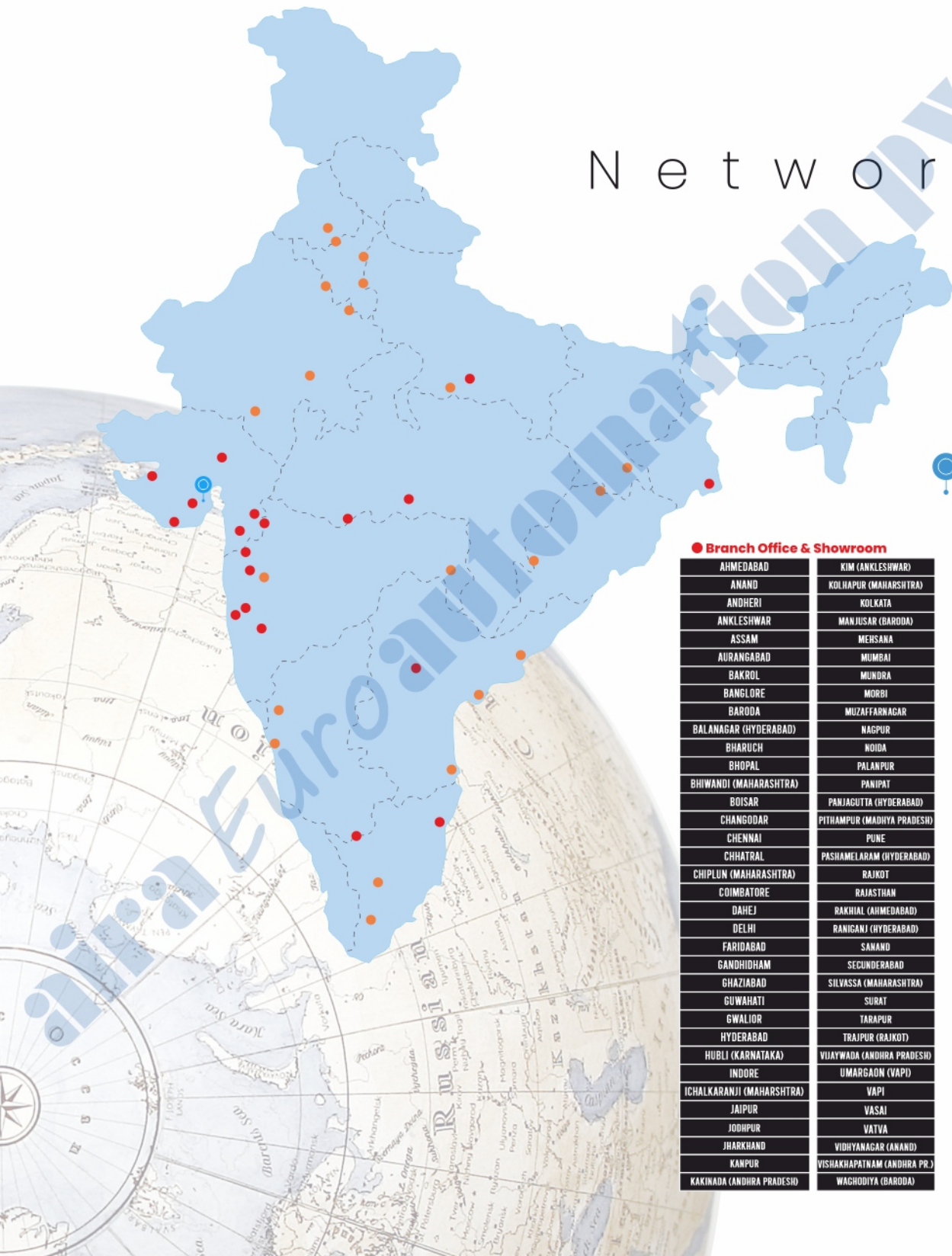
▲ International Dealers

AUSTRALIA	MALAYSIA	VIETNAM
BAHRAIN	MEXICO	NIGERIA
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BHUTAN	OMAN	ZIMBABWE
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CHILE	PERU	
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KENYA	UK	
KSA	USA	
MALAWI	UZBEKISTAN	



industrial valve automation

Network



● Head Office & Works
AHMEDABAD

● Branch Office & Showroom

AHMEDABAD	KIM (ANKLESHWAR)
ANAND	KOLHAPUR (MAHARASHTRA)
ANDHERI	KOLKATA
ANKLESHWAR	MANJUSAR (BARODA)
ASSAM	MEHSANA
AURANGABAD	MUMBAI
BAKROL	MUNDRA
BANGLORE	MORBI
BARODA	MUZAFFARNAGAR
BALANAGAR (HYDERABAD)	NAGPUR
BHARUCH	NOIDA
BHOPAL	PALANPUR
BHIWANDI (MAHARASHTRA)	PANIPAT
BOISAR	PANJAGUTA (HYDERABAD)
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DAHEJ	RAKHIAL (AHMEDABAD)
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GANDHIDHAM	SECUNDERABAD
GHAZIABAD	SILVASSA (MAHARASHTRA)
GUWAHATI	SURAT
GWALIOR	TARAPUR
HYDERABAD	TRAJIPUR (RAJKOT)
HUBLI (KARNATAKA)	VIJAYWADA (ANDHRA PRADESH)
INDORE	UMARGAON (VAPI)
ICHALKARANJI (MAHARASHTRA)	VAPI
JAIPUR	VASAI
JODHPUR	VATVA
JHARKHAND	VIDHYANAGAR (ANAND)
KANPUR	VISHAKHAPATNAM (ANDHRA PR.)
KAKINADA (ANDHRA PRADESH)	WAGHODIYA (BARODA)

● Dealers & Distributors

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CHANDICARH	MUZAFFARNAGAR
CHENNAI	NAGPUR
COCHIN	NOIDA
COIMBATORE	PANIPAT
DELHI	PEENYA
ERODE	PUNE
FARIDABAD	TRIPUR
GHAZIABAD	VARANASI
GOA	VISAKHAPATNAM
INDORE	WADI
JALANDHAR	KANPUR
JAMSHEDPUR	KOLHAPUR
JHARKHAND	

Mfg. & Mkt by :

aira Euroautomation pvt. ltd.
INDIA

Available At :