

Your Solution Partner In
Industrial Valve Automation...



PNEUMATIC ROTARY 3 POSITION ACTUATOR



Features

- Single Acting and double acting 180° rotation rack and pinion actuators. [SIL3, ATEX, CE APPROVED] Validated for 5,00,000 cycles
- Hard anodised Aluminium body and stainless steel version also available.
- ISO 5211 mounting pad in all rotary actuators for easy mounting
- Wide variety of torque range
- Single Acting scotch and yoke actuators manufactured for torques upto 1,10,000NM.
- Complete automation accessories manufactured by us such as limit switches, positioner, FR, etc.



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).



Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

QMS (Quality Management System)

ISO 9001 : 2015

EMS (Environment Management System)

ISO 14001 : 2015

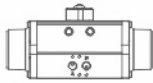
OHSAS (Occupational Health & Safety Management System)

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

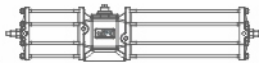
Pneumatic Actuator

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



Scotch & Yoke Actuator

CE / ATEX / SIL-3



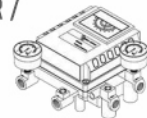
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

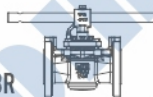
CE / CIMFR /
IP67 / BIS
/ PESO



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



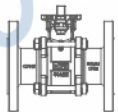
Limit Switch

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



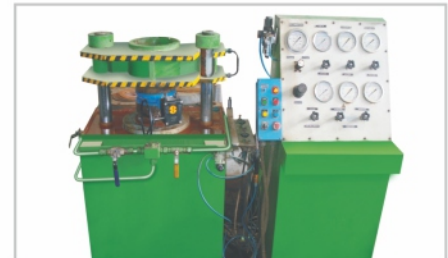
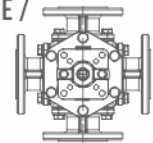
Butterfly Valve (centric / Double & Triple Eccentric)

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



Warranty Information



**Best In Class
4 - Year Warranty**

Aira 'ARA' Actuator manufactured by Aira Euro Automation Pvt. Ltd. are warranted against defects in material or workmanship for a period of four years from date of shipment. Our sole obligation under this warranty is to repair or replace, at our option, any product Aira 'ARA' Actuator products manufactured by Aira Euro Automation Pvt. Ltd. are warranted against defects in material or workmanship for a period of four year from date of shipment. Our sole obligation under this warranty is to repair or replace, at our option, any product or any part or parts thereof found to be defective. Aira Euro Automation Pvt. Ltd. MAKES NO OTHER REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The warranty set forth above is the only warranty applicable to Aira Euro Automation Pvt. Ltd. products and in no event shall Aira Euro Automation Pvt. Ltd. be liable for any delay, work stoppage, cartage, shipping, loss of use of equipment, loss of time, inconvenience, loss of profits of any direct or indirect incidental resulting from or attributable to a breach of warranty. The remedies under this warranty shall be the only remedies available. OUR MAXIMUM LIABILITY SHALL NOT IN ANY EVENT EXCEED THE CONTRACT PRICE FOR THE PRODUCT.



Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

POD Certificates validates our vision of making actuators that are at par with most critical needs of our customer

we machine these actuators on world class machinery keeping stringent quality parameters to deliver actuators that Perform

aira® AIRA EURO AUTOMATION PRIVATE LIMITED						
TEST REPORT FOR ACTUATOR AS PER BS EN 15714:2009						
W.O.NO.	PROTOTYPE	W.O.DATE : 24/02/2014				
CUSTOMER	SELF	DRAWING NO. : ARA-90-5A REV : 0				
ACTUATOR SIZE	ARA-90	ACTUATOR TYPE S/A				
ACTUATOR SR.NO.	900114029	20-03-2014				
SR.	TEST	TEST DESCRIPTION	REQUIRED VALUE	OBSERVED VALUE	RESULT	REMARKS
1	TYPE	Output Torque	Nominal Pressure 5.5 Bar/Temp.10 C to 25 C	120 NM	OK	
2	TYPE	Pressure	Shell Test at Bar 8	8 BAR	OK	
3	TYPE	Endurance	5,00,000 cycle [Cycle Time 1=4 second.]	CYCLE 5,00,000	OK	
4	TYPE	Minimum Moving Pressure	Min.Moving Pressure Bar 2 at Temp.10 C to 25 C	OK	OK	
5	ROUTINE	Leakage	shoud complies to en 15714	NO VISIBLE LEAKAGE	OK	
6	TYPE	Operating Time	Max 3 second	OK	OK	
7	TYPE	Angel	90 [Range - 0 to 5]	90°	OK	
8	TYPE	Air Consumption	Std.Value	OK	OK	
9	TYPE	Enclosure	shoud complies to EN 60529	OK	OK	
10	TYPE	Corrosion protection	shoud complies to ISO 9277 REP. NO	ENV/G.0890/0900	OK	
10	TYPE	Basic Design	AIRA Design	OK	OK	
11	TYPE	position Indicator	ON-OFF Positioner.	OK	OK	
Above material has been inspected and complies to BS EN 15714:2009						
Tested By :				Approved By :		

POD Certificates available for complete range of Double & Single Acting Rack & Pinion Actuators Validating **5,00,000 CYCLES**

aira® AIRA EURO AUTOMATION PRIVATE LIMITED						
TEST REPORT FOR ACTUATOR AS PER BS EN 15714:2009						
W.O.NO.	PROTOTYPE	W.O.DATE : 22/12/2013				
CUSTOMER	SELF	DRAWING NO. : ARA-90-5D REV : 0				
ACTUATOR SIZE	ARA-90	ACTUATOR TYPE D/A				
ACTUATOR SR.NO.	90113085	18/11/2013				
SR.	TEST	TEST DESCRIPTION	REQUIRED VALUE	OBSERVED VALUE	RESULT	REMARKS
1	TYPE	Output Torque	Nominal Pressure 5.5 Bar/Temp.10 C to 25 C	142 NM	OK	
2	TYPE	Pressure	Shell Test at Bar 8	8 BAR	OK	
3	TYPE	Endurance	5,00,000 cycle [Cycle Time 1=4 second.]	CYCLE 5,00,000	OK	
4	TYPE	Minimum Moving Pressure	Min.Moving Pressure Bar 2 at Temp.10 C to 25 C	OK	OK	
5	ROUTINE	Leakage	shoud complies to en 15714	NO VISIBLE LEAKAGE	OK	
6	TYPE	Operating Time	Max 3 second	OK	OK	
7	TYPE	Angel	90 [Range - 0 to 5]	90°	OK	
8	TYPE	Air Consumption	Std.Value	OK	OK	
9	TYPE	Enclosure	shoud complies to EN 60529	OK	OK	
10	TYPE	Corrosion protection	shoud complies to ISO 9277 REP. NO	ENV/G.0890/0900	OK	
10	TYPE	Basic Design	AIRA Design	OK	OK	
11	TYPE	position Indicator	ON-OFF Positioner.	OK	OK	
Above material has been inspected and complies to BS EN 15714:2009						
Tested By :				Approved By :		

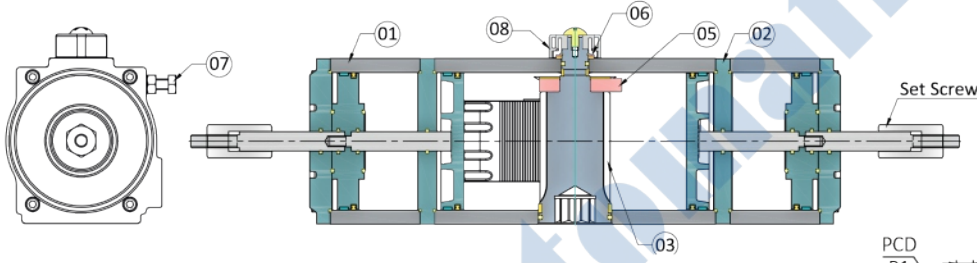


Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

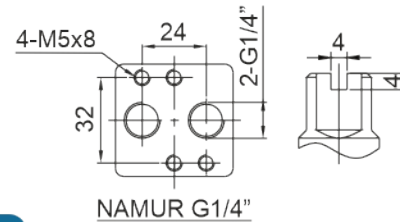
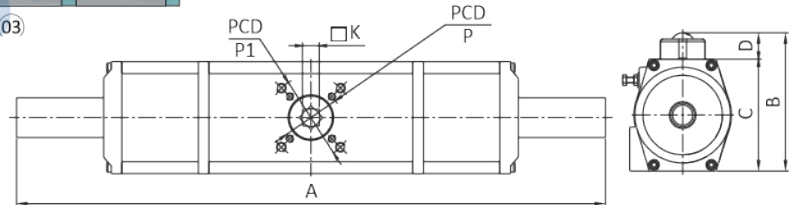
"aira" Offers Three position actuator provides an operation of 0°, 45°, 90° or the random travel of middle position. The middle position is achieved by the mechanical brake which is caused by the movement of the two auxiliary pistons. It is adjustable.

Product Features

- Actuator is suitable for coarse - fine adjustment, typically for batching operations or processes
- The Actuator has to be Double Acting
- The repeatability is 100% since stopping is by mechanical stoppers. It is suitable for application calling for the precise fine-coarse adjustment like liquid filling system
- The Actuator can be switched to one position from any other position very easily with the solenoid control. The 3rd position is achieved by the mechanical stopping of the piston movement, in the return stroke by pneumatic stopper pistons
- The Intermediate position is present at 20% opening. The opening can be adjusted as required by the set screw. This is field adjustable
- Actuator as a standard, works in reverse action, as opposed to conventional configuration i.e. piston inward stroke opens the valve, and piston outward stroke closes the valve
- The End Stops (+/- 10°) are provided on the closing and opening side of the Actuator for setting valve closing precisely



No.	Description	Material
1	Body	Alu. Extrusion (63400) IS:733
2	Piston	ALSI 132 (Alu. Alloy As Per MDS)
3	Shaft	EN8 (BS:970)
4	End Cover	ALSI 132 (Alu. Alloy As Per MDS)
5	Adaptor	EN8 (BS:970)
6	Shaft Washer	S. S. 304
7	Ad. Hex Bolt + Washer + Nut	S. S. 304
8	Indicator	Nylon
9	All Guide	Delrin
10	All Seals	Hi - Nitrile



Double Acting Actuator Torque Chart In Nm

Valve Model	3 BAR	4 BAR	5 BAR	6 BAR	7 BAR
MM3 - 63 - D	20.20	26.94	33.67	40.41	47.14
MM3 - 75 - D	32.48	43.24	54.10	64.86	75.72
MM3 - 100 - D	93.67	125.82	156.12	187.35	218.57
MM3 - 125 - D	160.91	214.54	268.18	321.82	375.45
MM3 - 160 - D	369.01	492.02	615.02	738.02	861.03
MM3 - 210 - D	817.33	1089.74	1362.15	1634.56	1906.98

Note : Actuator Torques May Vary ±3% (10Nm = 1 kgfm)

Dimensions :

Valve Model	A	B	C	D	PCD P	PCD P1	Squ. □K	Air Supply Port
MM3 - 63 - D	390	105	85	20	50	70	14	1/4"
MM3 - 75 - D	480	122	102	20	50	70	14	1/4"
MM3 - 100 - D	600	147	127	20	70	102	17	1/4"
MM3 - 125 - D	720	187	157	30	70	102	22	1/4"
MM3 - 160 - D	915	226	196	30	102	140	27	1/4"
MM3 - 210 - D	1155	295	245	50	140	---	36	1/4"


(All Dimensions are in mm)



Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

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

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




Input Signal	: 3 ~ 15psi (0.2-1.0 kgf/cm ²)
Supply Air Pressure	: 100 psi Max. (7.0 kgf/cm ²)
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/cm ² 0-4 kg/cm ² / 0-10 kg/cm ²
Output Characteristics	: Rotary
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/cm ²) Supply
Flow Capacity	: 80 LPM (1.4 kg/cm ²) Supply
Material	: Aluminium Die cast Body
Weight	: 1.8 Kg. (Approx)

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

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

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



Input Signal	: 4~20 mA DC
Input Resistance	: 235 ±15
Supply Air Pressure	: 20 ~ 100psi (7.0 kg/cm ²)
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/cm ² 0-4 kg/cm ² / 0-10 kg/cm ²
Output Characteristics	: Rotary
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/cm ²) Supply
Flow Capacity	: 80 LPM (1.4 kg/cm ²) Supply
Material	: Alluminium Die Cast Body
Weight	: 2.8 Kg. With a terminal box

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

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



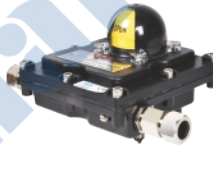
Stainless Steel



Type	: Mechanical Switch X 2 / Proximity Sensors P&F Make
Model	: LA4 - FLP - 01
Switch	: Honeywell V15 / Honeywell V15 / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type	: 1 NO + 1 NC / 2 NO + 2 NC
Switch Rating	: 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	: 8 Points
Bracket	: Namur VDI / VDE 3845, ISO 5211
Material	: Aluminum Pressure Die Cast / S.S.

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


"aira" Flameproof Limit Switch Box



Type	: Mechanical Switch X 2 / Proximity Sensors P&F Make
Model	: MLS - BX - FLP - 01
Switch	: Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type	: 1 NO + 1 NC / 2 NO + 2 NC
Switch Rating	: AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection	: IP 67 / IP 68
Temperature	: -20 °C ~ 80 °C
Conduit Entry	: NPT 1/2" (PT 1/2"), PF 1/2", M20, PG 13.5)
Terminal Mounting	: 8 Points
Bracket	: Namur VDI / VDE 3845, ISO 5211
Material	: Aluminum Pressure Die Cast

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

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



Type	: Mechanical Switch X 2 / Proximity Sensors P&F Make
Model	: LS4 - FLP-01
Switch	: Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC)
Type	: 1 NO + 1 NC / 2 NO + 2 NC
Switch Rating	: 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	: 8 Points
Bracket	: Namur VDI / VDE 3845, ISO 5211
Material	: Stainless Steel 304 / 316

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

"aira" Weatherproof Limit Switch Box



Type	: Mechanical Switch X 2 / Proximity Sensors P&F Make
Model	: MMLS - BX - WP - 01
Switch	: Honeywell ZM / NJ2 - V3 - N (Upto 8 Voltage) / NBB - V3 - Z4 (Upto 10 to 60 VDC)
Type	: 1 NO + 1 NC
Switch Rating	: 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	: 8 Points
Bracket	: Namur VDI / VDE 3845, ISO 5211
Material	: Aluminum Pressure Die Cast

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

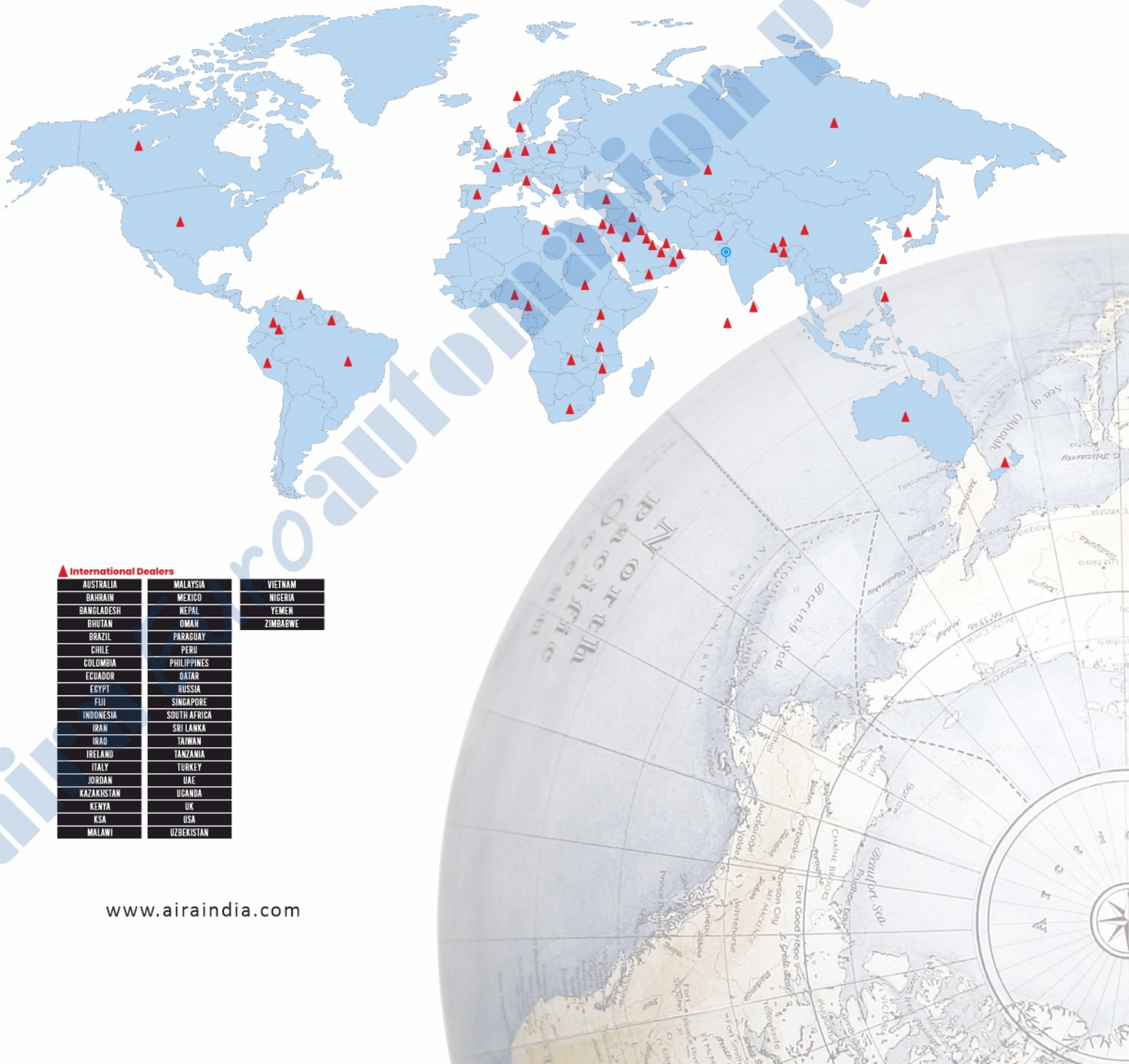
	<p>"aira" 3/2 Way Namur Direct Acting Solenoid Valve</p> <p>Model : NAM-SA-32 Coil Voltage : All Std. Voltage Available Frequency : 50 - 60 Hz Connection Type : 1/4" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) MOC : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR</p> <p>This 3/2 Namur is suitable for actuator model : 5412-S / ARA-49S / ARA-50S</p>		<p>"aira" 3/2 & 5/2 Way Convertible Poppet Type Single Namur Solenoid Valve</p> <p>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</p>
	<p>"aira" 3/2 & 5/2 Way Convertible Poppet Type Double Namur Solenoid Valve</p> <p>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</p>		<p>"aira" 3/2 & 5/2 Way Convertible Spool Type Single Namur Solenoid Valve</p> <p>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</p>
	<p>"aira" 3/2 & 5/2 Way Convertible Spool Type Double Namur Solenoid Valve</p> <p>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</p>		<p>AJ & CJ Series 3/2 Way Direct Acting Solenoid Valve (Normally Open & Closed)</p> <p>Model : AJDS / AJCS / CJDS / CJCS Size : 1/4" BSP Body : Aluminium Pressure Die Cast Orifice : 2 MM Pressure : 7 Kg/cm² / 10 Kg/cm² 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</p>
	<p>"aira" Filter + Regulator Air Combination</p> <p>Model : 4FQ / 8 FQ / FRJ Air Connection : 1/4" BSP Max. Supply Pressure : 4FQ : 0.5 to 4 Kg/cm² 8FQ : 0.5 to 8 Kg/cm² 1 to 9 Kg/cm² 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</p>		<p>"aira" Air Volume Booster</p> <p>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%</p>
	<p>"aira" Single & Double Air Lock Valve</p> <p>Model : SALV / DALV Material : Aluminum / Stainless Steel 304 Max. Supply Pressure : Max. 10.2 Kg/cm² (142 PSI) Max. Single Pressure : Max. 7.1 Kg/cm² (1000 PSI) Setting Pressure Range : 1.4-7.1 Kg/cm² (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/cm² (1.4 PSI) Hysteresis : 1% ambient Temp. : -20 °C ~ 70 °C</p>		<p>"aira" Manual Override Clutch Type (MO)</p> <p>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)</p>



time tested designs with superior performance

GLOBAL

Network



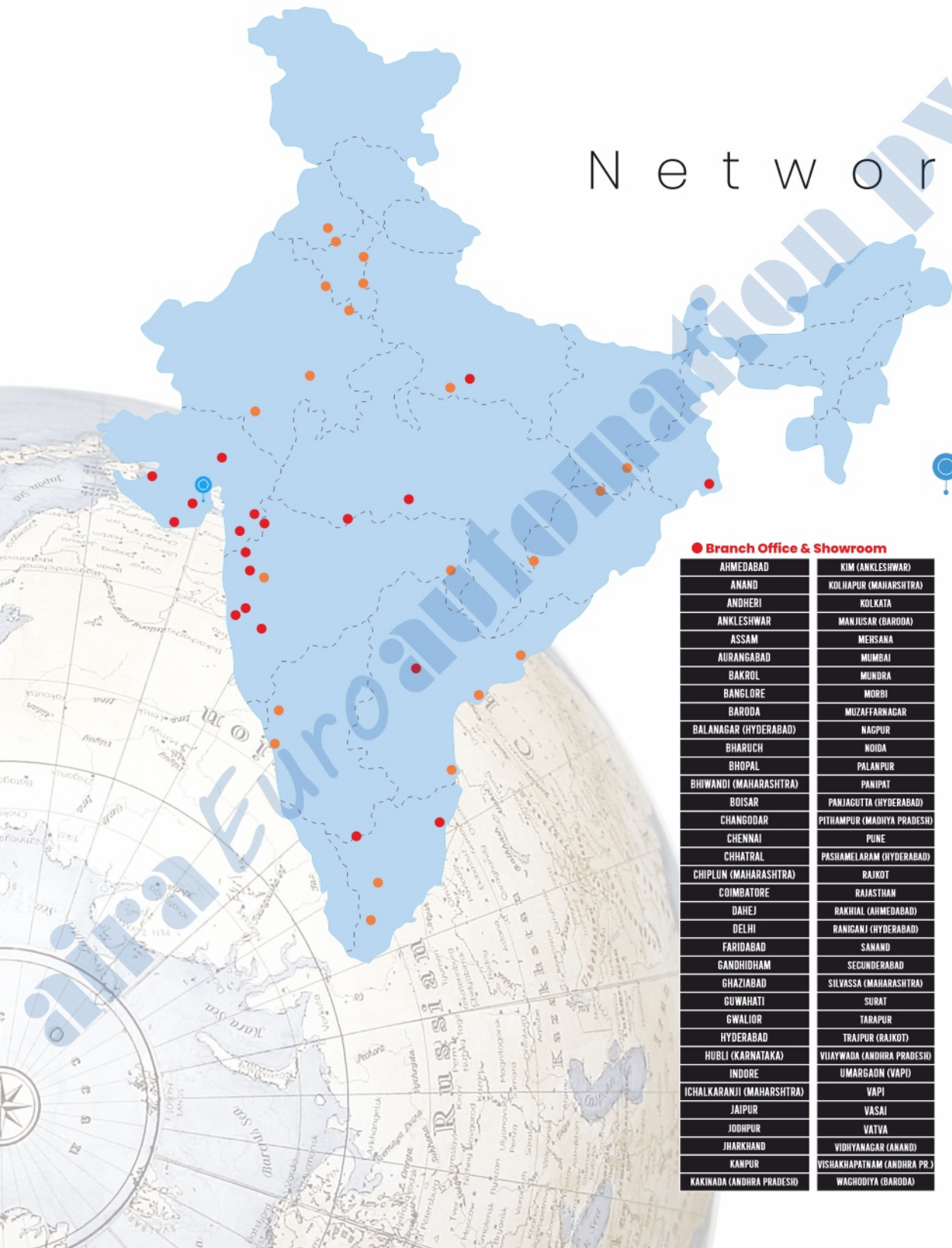
▲ International Dealers

AUSTRALIA	MALAYSIA	VIETNAM
BAHRAIN	MEXICO	NIGERIA
BANGLADESH	NEPAL	YEMEN
BHUTAN	OMAN	ZIMBABWE
BRAZIL	PARAGUAY	
CHILE	PERU	
COLOMBIA	PHILIPPINES	
ECUADOR	QATAR	
EGYPT	RUSSIA	
FUJI	SINGAPORE	
INDONESIA	SOUTH AFRICA	
IRAN	SRI LANKA	
IRAQ	TAIWAN	
IRELAND	TANZANIA	
ITALY	TURKEY	
JORDAN	UAE	
KAZAKHISTAN	UGANDA	
KENYA	UK	
KSA	USA	
MALAWI	UZBEKISTAN	



industrial valve automation

Network



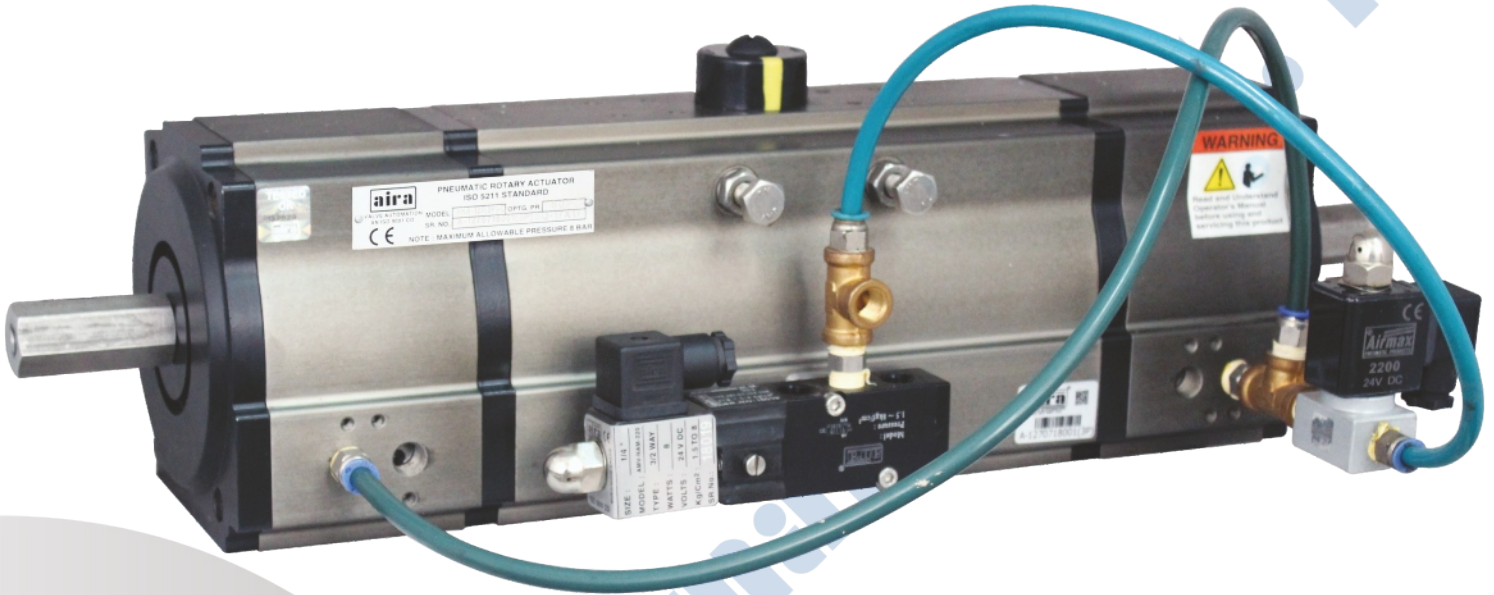
 **Head Office & Works**
AHMEDABAD

● 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)
CHANGODAR	PITHAMPUR (MADHYA PRADESH)
CHENNAI	PUNE
CHHATRAL	PASHAMELARAM (HYDERABAD)
CHIPLUN (MAHARASHTRA)	RAJKOT
COIMBATORE	RAJASTHAN
DAHEJ	RAKHIAL (AHMEDABAD)
DELHI	RANIGANJ (HYDERABAD)
FARIDABAD	SANAND
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

AMRITSAR	KOLKATA
BALOTA	LUCKNOW
BANGLORE	LUDHIANA
BELGAUM	MARWAR
BHILWARA	MEERUT
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	



aira PNEUMATIC ROTARY ACTUATOR
ISO 5211 STANDARD
MODEL: [] OPTIO. PH []
SR NO. []
NOTE: MAXIMUM ALLOWABLE PRESSURE 8 BAR

WARNING
Read and Understand
Operator's Manual
before using and
maintaining this product.

Model: []
Size: 1/8" - 1/2"
Type: 3/2 Way
Watts: 8
Volts: 24V DC
Air Flow: 1.5 L/min
Port Size: 1/8"



Available At :

Mfg. & Mkt by
aira Euroautomation pvt. Ltd.
INDIA