

YOUR SOLUTION PARTNER IN
INDUSTRIAL
VALVE AUTOMATION...



HIGH PRESSURE WOG - 3000 PSI SCREWED BALL VALVE



APPROVALS



WEBSITE



Mfg. & Mkt by :

aira Euro automation pvt. ltd.

Ahmedabad-382405, INDIA.

www.airaindia.com





About Us

We welcome and thank you for referring out detailed catalogue.

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

*Clients are
why we exist!*

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 rates 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).

CE CERTIFICATE



SIL 3 - BUTTERFLY VALVE



CE - BUTTERFLY VALVE

ISO CERTIFICATIONS



ISO 45001 : 2018



ISO 45001 : 2018



ISO 9001 : 2015



CERTIFICATIONS APPROVALS



QMS (Quality Management System)

ISO 9001 : 2015

EMS (Environment Management System)

ISO 14001 : 2015

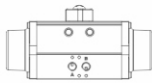
OHSAS (Occupational Health & Safety Management System)

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

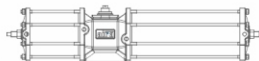
Pneumatic Actuator

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



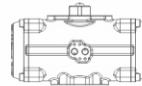
Scotch & Yoke Actuator

CE / ATEX / SIL-3



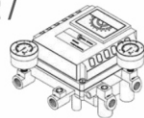
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

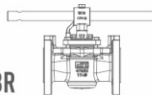
CE / CIMFR /
IP67 / BIS
/ PESO



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



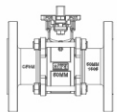
Limit Switch

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



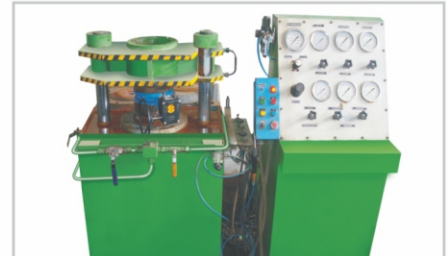
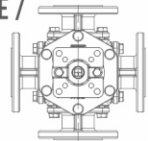
Butterfly Valve (centric / Double & Triple Eccentric)

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



HIGH PRESSURE WOG-3000 EXPLODED BALL VALVE

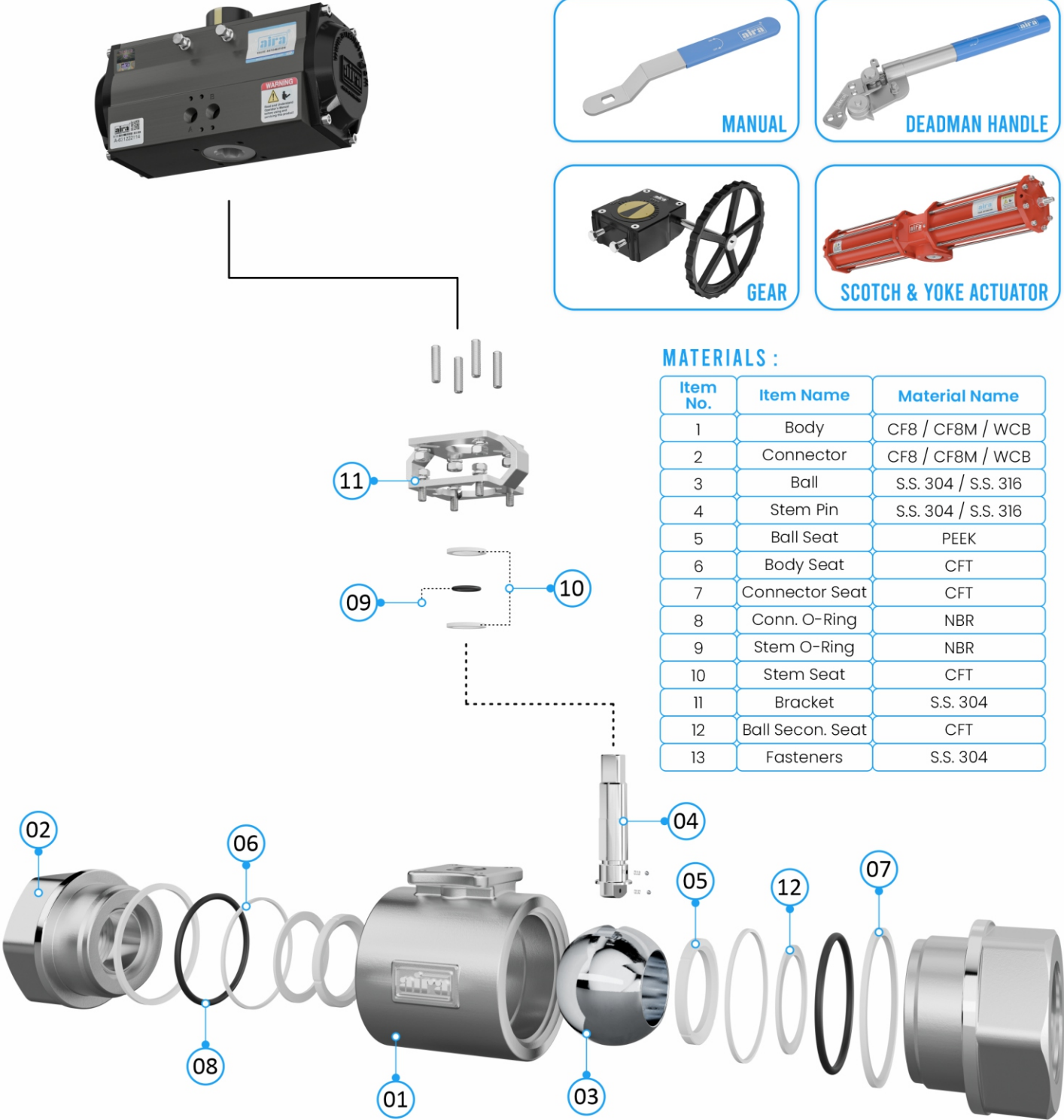


OPERATING VARIANTS :



MATERIALS :

Item No.	Item Name	Material Name
1	Body	CF8 / CF8M / WCB
2	Connector	CF8 / CF8M / WCB
3	Ball	S.S. 304 / S.S. 316
4	Stem Pin	S.S. 304 / S.S. 316
5	Ball Seat	PEEK
6	Body Seat	CFT
7	Connector Seat	CFT
8	Conn. O-Ring	NBR
9	Stem O-Ring	NBR
10	Stem Seat	CFT
11	Bracket	S.S. 304
12	Ball Secon. Seat	CFT
13	Fasteners	S.S. 304



HIGH PRESSURE “WOG-3000” FLOATING BALL VALVE



“aira” Offers Automation And Manually Operated Low Torque High Pressure Floating Ball Valve. This Range Offers Reliable Option Of High Pressure Application. These Valve Are Recommended For The Use In Oil, Gas, Petrochemicals Where The Long Life Is Required.

Standard

- **Design & Manufacturer** : ASME B 16.34 / BS EN ISO 17292
- **Valve Face To Face Dimensions** : As Per Manufacturer Standard
- **Inspection And Testing** : API 598/ ISO - 5208/ BS EN 12266 - 1
- **Leakage Class** : ISO 5208 Class VI / FCI - 70- 2 /
ASME, ANSI B 16.104
- **End Connection** : ISO 7-1 FOR BSPT / ASME B 1.201 FOR NPT FOR S/E

Technical Specification

- **Pressure** : As per 200 Bar
- **Body Pressure** : Upto 250 Kg/cm²
- **Seat Pressure** : Upto 200 Kg/cm²
- **Temperature** : D-Plastic

Features

- Fully Compliant To ASME B16.34 & API 608.
- ISO 5211 Mounting Pad Bolt Pattern.
- Slot Vented Ball For Thermal Expansion.
- Anti Static Grounded Ball & Stem.
- Ring Joint , Tonge & Groove Joint Flange Available.
- Also Manufacture In Social Grade MOC Like Supen Duplex, Hast Alloy Etc.

SIZE RANGE 1/2" UPTO 2" BSP / NPT THREAD

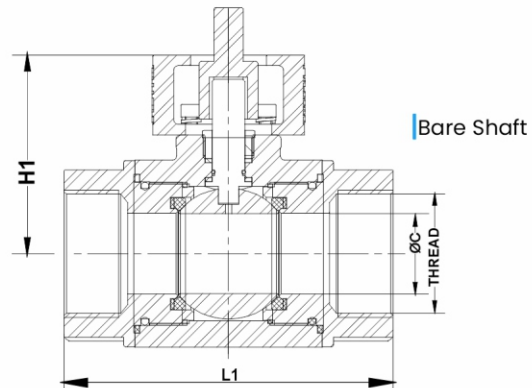
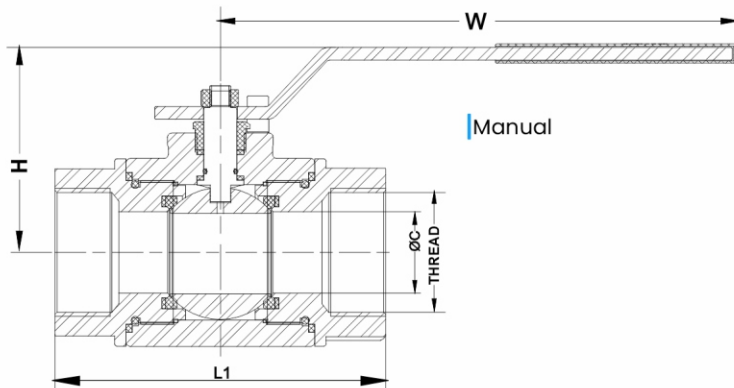


Size	Seat	Working Pressure	Hydro Body	Hydro Seat	Pneumatic Pressure
1/2" To 2"	D-Plastic	200 Kg/cm ²	300 Kg/cm ²	220 Kg/cm ²	10 Kg/cm ²
1/2" To 2"	D-Plastic	100 Kg/cm ²	300 Kg/cm ²	100 Kg/cm ²	10 Kg/cm ²

Dimensions :

Valve Size	+3.0 -3.0 L1	+1.0 -0.0 PORT	TAP	+5.0 -5.0 H	+3.0 -3.0 H1	+10.0 -10.0 W
15 MM	96.6	12	1/2"	65	64	159
20 MM	106	16.4	3/4"	70	70	159
25 MM	107.7	21.75	1"	73	72	162
40 MM	132	32	1 1/2"	93	89	300
50 MM	156.3	38.5	2"	97	95	235

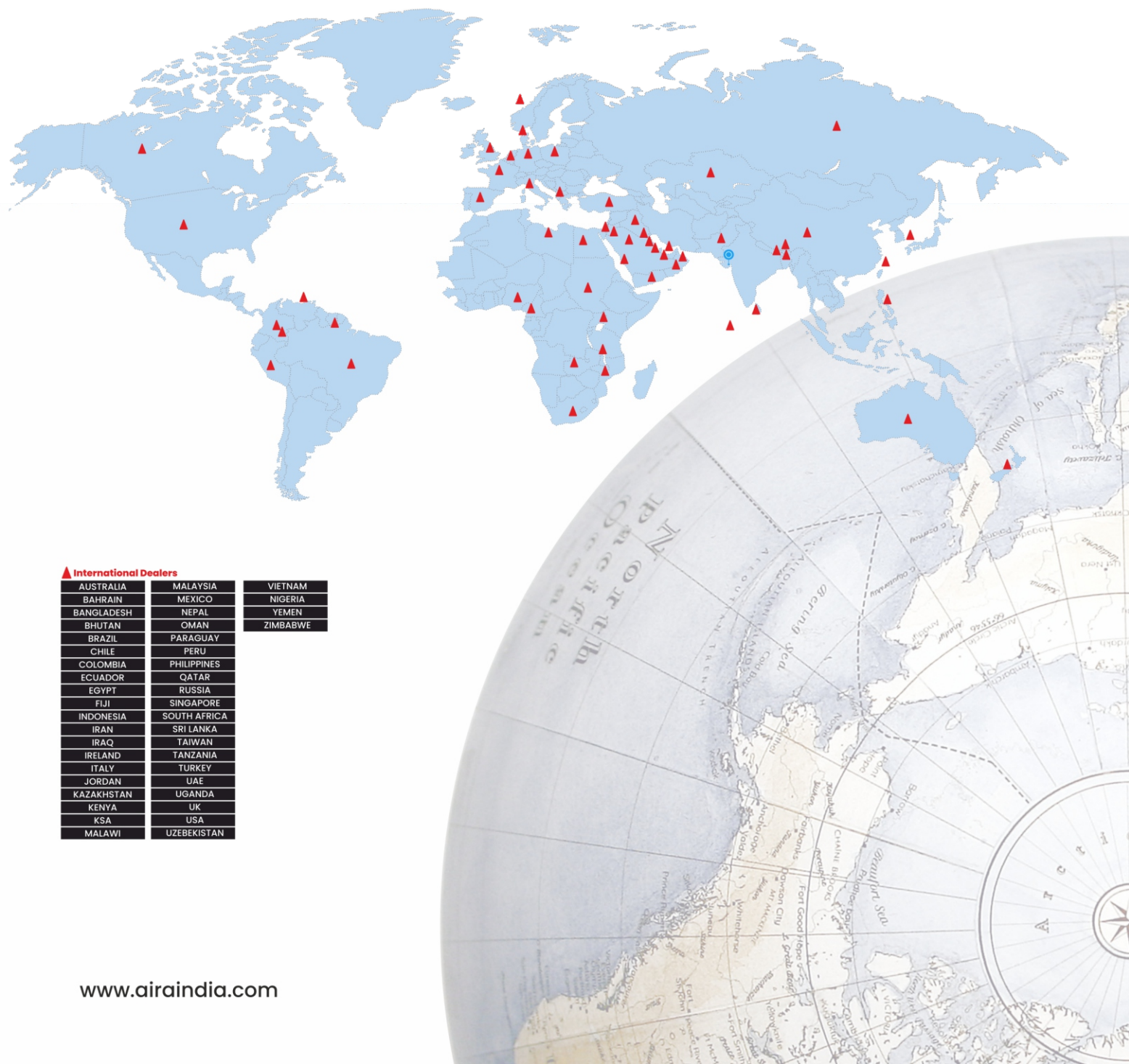
*All Dimensions Are In MM





*time tested designs with
superior performance*

GLOBAL Network



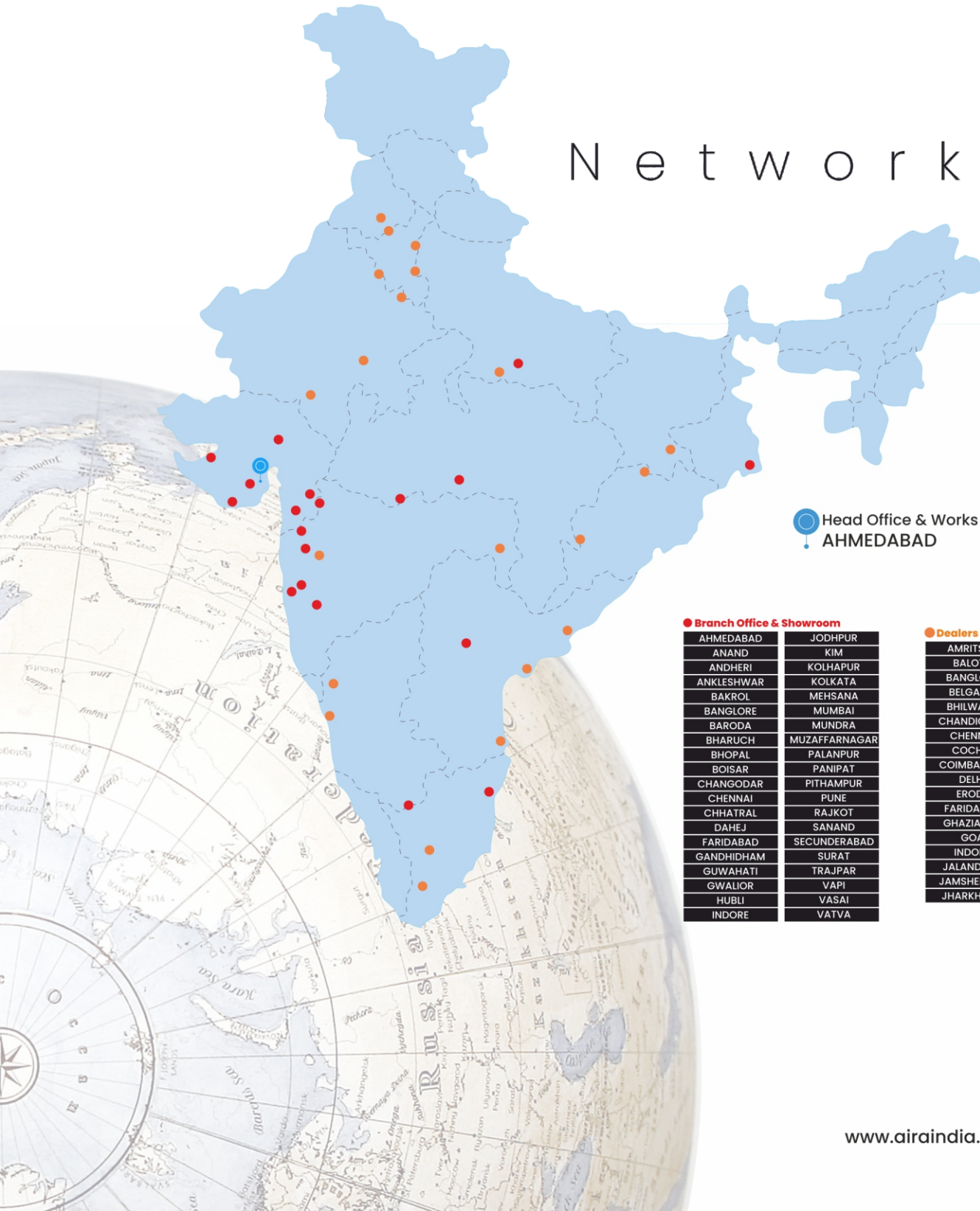
▲ International Dealers

AUSTRALIA	MALAYSIA	VIETNAM
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EGYPT	RUSSIA	
FIJI	SINGAPORE	
INDONESIA	SOUTH AFRICA	
IRAN	SRI LANKA	
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IRELAND	TANZANIA	
ITALY	TURKEY	
JORDAN	UAE	
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industrial valve automation

Network



Head Office & Works
AHMEDABAD

● Branch Office & Showroom

AHMEDABAD	JODHPUR
ANAND	KIM
ANDHERI	KOLHAPUR
ANKLESHWAR	KOLKATA
BAKROL	MEHSANA
BANGLORE	MUMBAI
BARODA	MUNDRA
BHARUCH	MUZAFFARNAGAR
BHOPAL	PALANPUR
BOISAR	PANIPAT
CHANGODAR	PITHAMPUR
CHENNAI	PUNE
CHHATRAL	RAJKOT
DAHEJ	SANAND
FARIDABAD	SECUNDERABAD
GANDHIDHAM	SURAT
GUWAHATI	TRAJPAR
GWALIOR	VAPI
HUBLI	VASAI
INDORE	VATVA

● Dealers & Distributors

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

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