

YOUR SOLUTION PARTNER IN
INDUSTRIAL
VALVE AUTOMATION...



2PC DESIGN FLANGED 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

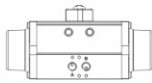
OHSAS (Occupational Health & Safety Management System)

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

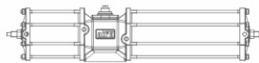
Pneumatic Actuator

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



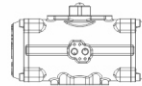
Scotch & Yoke Actuator

CE / ATEX / SIL-3



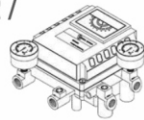
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

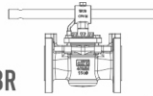
CE / CIMFR /
IP67 / BIS
/ PESO



aira's
SOME OF OUR
Certificates

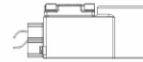
Plug Valve

FUGITIVE EMISSIONS
TEST
AS PER ISO
15848-1 / IBR



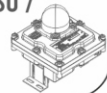
Flameproof Solenoid Valve

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



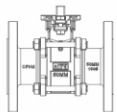
Limit Switch

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



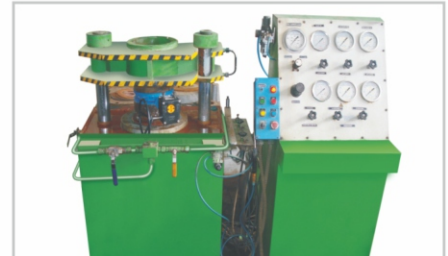
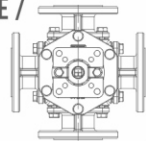
Butterfly Valve (centric / Double & Triple Eccentric)

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

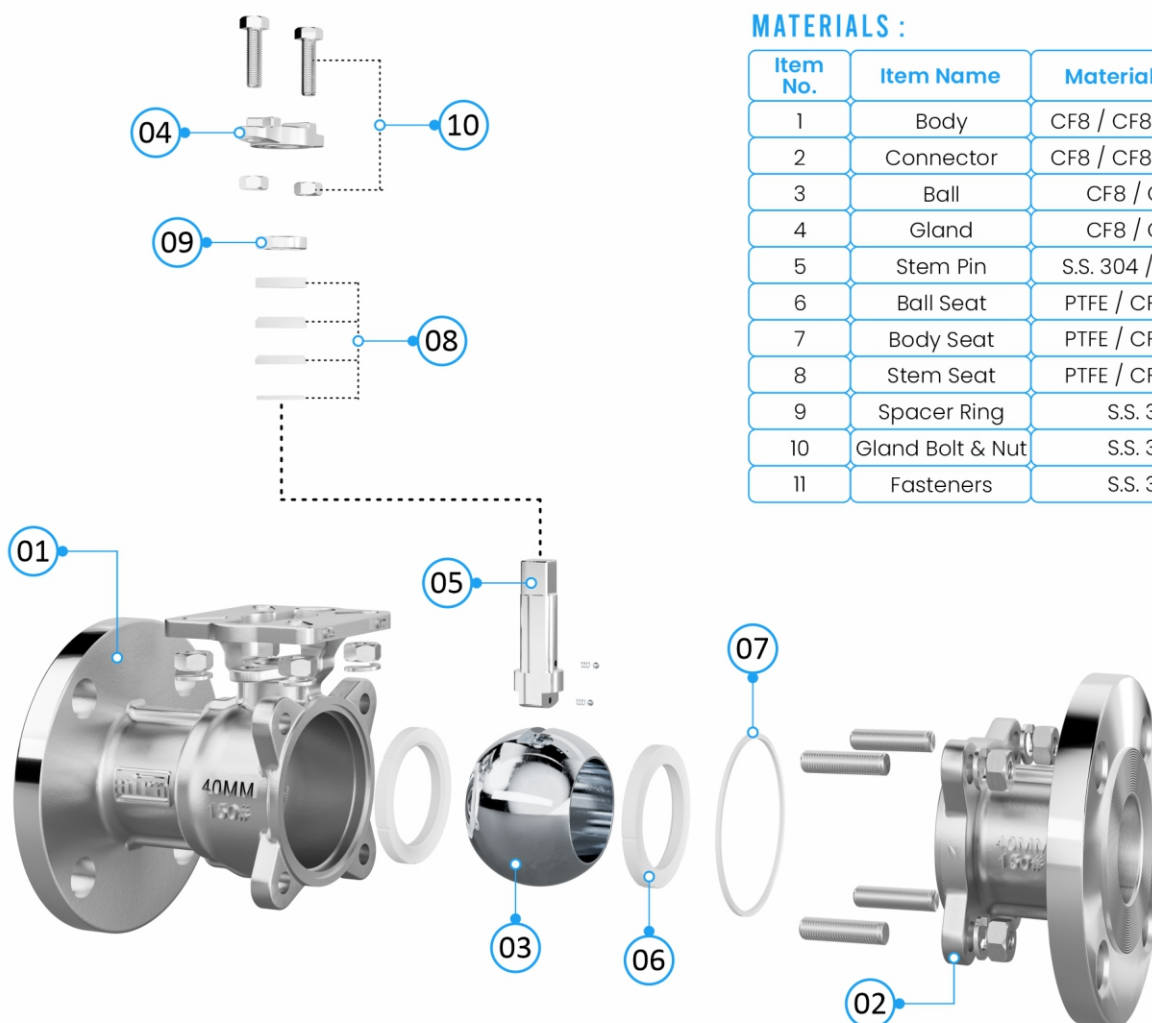
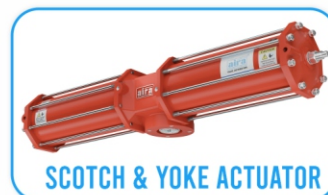
FUGITIVE EMISSIONS TEST
AS PER ISO 15848-1 / CE /
PED / EIL



2PC DESIGN EXPLODED BALL VALVE



OPERATING VARIANTS :



MATERIALS :

Item No.	Item Name	Material Name
1	Body	CF8 / CF8M / WCB
2	Connector	CF8 / CF8M / WCB
3	Ball	CF8 / CF8M
4	Gland	CF8 / CF8M
5	Stem Pin	S.S. 304 / S.S. 316
6	Ball Seat	PTFE / CFT / GFT
7	Body Seat	PTFE / CFT / GFT
8	Stem Seat	PTFE / CFT / GFT
9	Spacer Ring	S.S. 304
10	Gland Bolt & Nut	S.S. 304
11	Fasteners	S.S. 304

2PC DESIGN FLANGED BALL VALVE



“aira” Offers Investment Casting WCB / CF8 / CF8M / CF3M Ball Valve Floating In Two Piece Design. Engineered For Multiple On/Off Operations In The Down Stream.

Standard

- **Design & Manufacturer** : BS EN ISO 17292 / ASME B 16.34
- **Valve Face To Face Dimension** : ASME B 16.10 - 150#/300#
- **Inspection And Testing** : API 598 / ISO-5208 / BS EN 12266-1
- **Leakage Class** : ISO 5208 Class VI / B16.104 ,
ANSI FCI 70-2(BUBBLE TIGHT SHUTOFF)
- **End Connection** : ASME B 16.5 CLASS 150/300 FOR FLANGE END

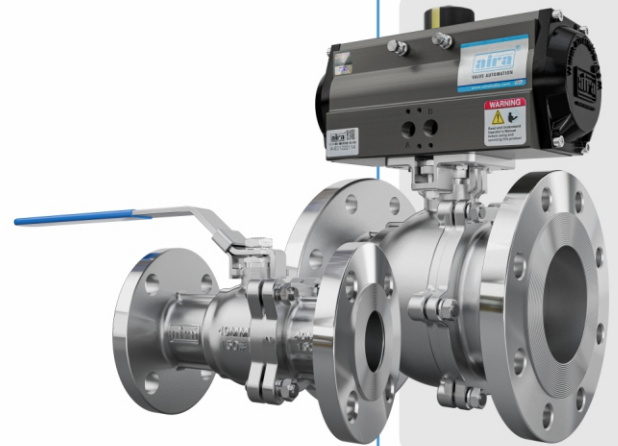
Technical Specification

- **Pressure** : 150# & 300#
- **Temperature** : PTFE : Upto 180°C / PEEK : 280°C
RPTFE : Upto 220°C / AIRA250

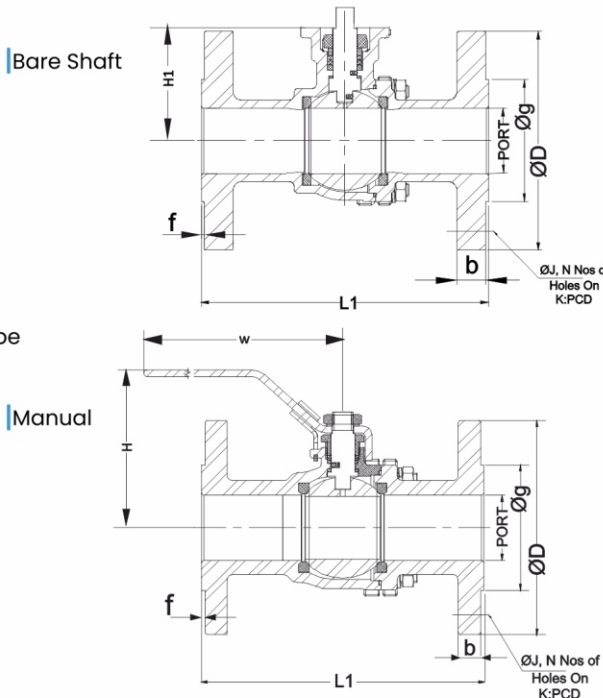
Features

- High Cycle Life.
- Antistatic Design & **Fire Safe** Design As Per API 607.
- Blowout Proof Stem.
- Locking Handle Available.
- ISO 5211 Mounting Pad Available.
- V-type Chevron Gland Packing, Which Leads To Zero Leak After Thousands Of Cycle.

SIZE RANGE 1/2" UPTO 12" FLANGED 150#/300#



CE, SIL 3, FET Approved FIRE SAFE



Dimensions :

150#

Valve Size	+3.0 -3.0 LI-150#	+1.0 -0.0 PORT	+2.0 -1.0 ØD	+1.0 -1.0 Øg	+3.0 -0.0 b	+0.5 -0.5 f	ØJ	N	+1.5 -1.5 K:PCD	+5.0 -5.0 H	+3.0 -3.0 HI	+10.0 -10.0 W
15 MM	108	13	90	34.9	8	2	15.88	4	60.3	63	49	180
20 MM	117	19	100	42.9	8.9	2	15.88	4	69.9	65	52	175
25 MM	127	25	110	50.8	9.6	2	15.88	4	79.4	80	57	195
32 MM	140	32	115	63.5	11.2	2	15.88	4	88.9	88	60	233
40 MM	165	38	125	73	12.7	2	15.88	4	98.4	92	67	250
50 MM	178	49	150	92.1	14.3	2	19.05	4	120.7	107	79	270
65 MM	190	62	180	104.8	15.9	2	19.05	4	139.7	134	100	305
80 MM	203	74	190	127	17.5	2	19.05	4	152.4	142	109	278
100 MM	229	100	230	157.2	22.3	2	19.05	8	190.5	177	135	319
125 MM	254	127	255	185.7	22.3	2	22.23	8	215.9	264	210	323
150 MM	267	150	280	215.9	23.9	2	22.23	8	241.3	301	241	392
200 MM	292	201	345	269.9	27	2	22.23	8	298.5	389	303	683
250 MM	330	252	405	323.8	28.6	2	25.4	12	362	389	319	683
300 MM	356	303	485	381	30.2	2	25.4	12	431.8	-	382	-

300#

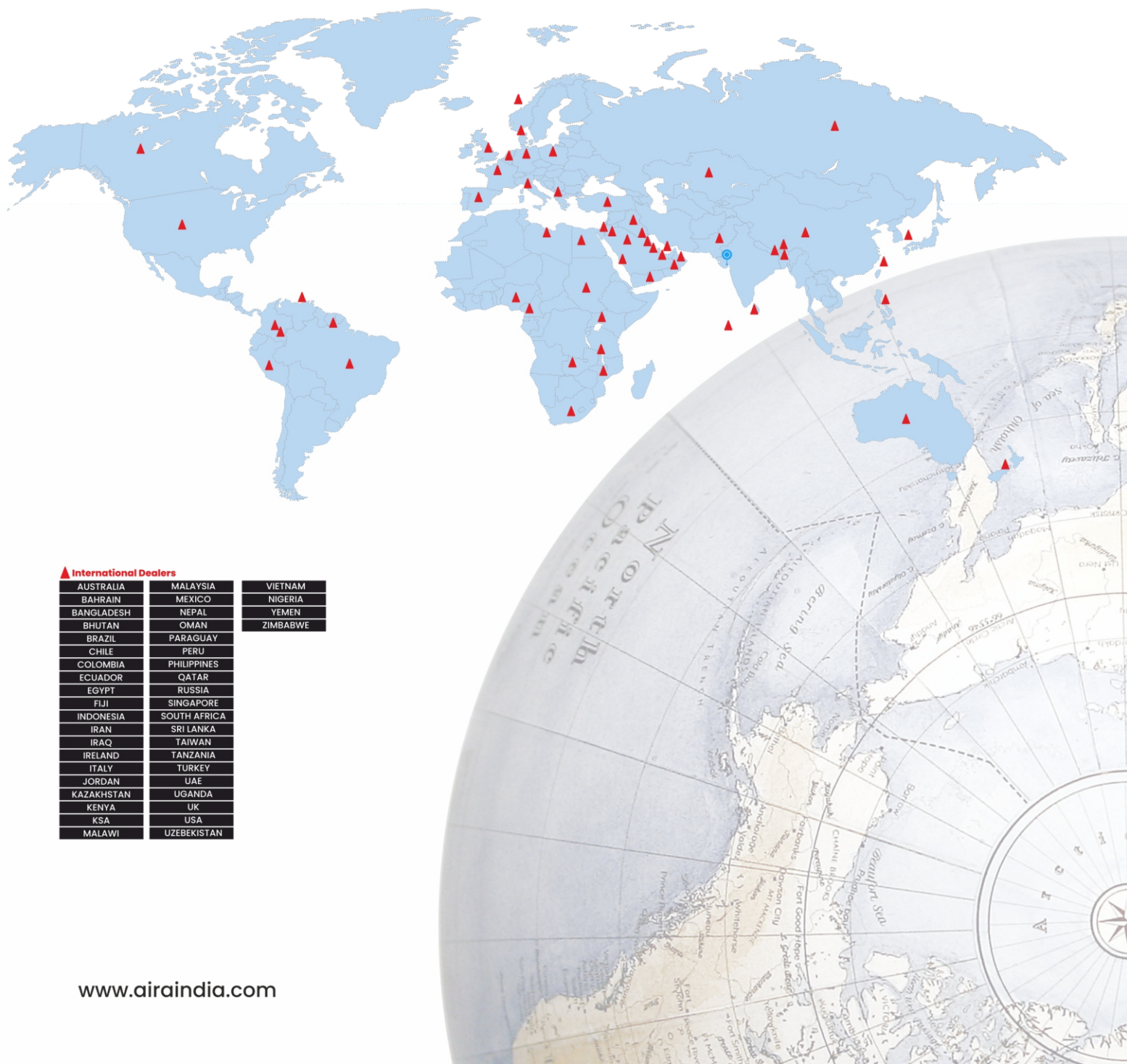
Valve Size	+3.0 -3.0 LI-300#	+1.0 -0.0 PORT	+2.0 -1.0 ØD	+1.0 -1.0 Øg	+3.0 -0.0 b	+0.5 -0.5 f	ØJ	N	+1.5 -1.5 K:PCD	+5.0 -5.0 H	+3.0 -3.0 HI	+10.0 -10.0 W
15 MM	140	13	95	34.9	12.7	2	15.88	4	66.7	-	-	-
20 MM	152	19	115	42.9	14.3	2	19.05	4	82.6	-	-	-
25 MM	165	25	125	50.8	15.9	2	19.05	4	88.9	-	-	-
32 MM	178	32	135	63.5	17.5	2	19.05	4	98.4	-	-	-
40 MM	190	38	155	73	19.1	2	22.23	4	114.3	113	82	270
50 MM	216	49	165	92.1	20.7	2	19.05	8	127	123	89	270
65 MM	241	62	190	104.8	23.9	2	22.23	8	149.2	153	102	310
80 MM	282	74	210	127	27	2	22.23	8	168.3	163	111	310
100 MM	305	100	255	157.2	30.2	2	22.23	8	200	184	136	310
125 MM	381	127	280	185.7	33.4	2	22.23	8	235	265	209	322
150 MM	403	150	320	215.9	35	2	22.23	12	269.9	302	241	393
200 MM	419	201	380	269.9	39.7	2	25.4	12	330.2	371	303	683
250 MM	457	252	455	323.8	46.1	2	28.58	12	387.4	-	385	-
300 MM	648	303	520	381	49.3	2	31.75	12	450.8	-	382	-

*All Dimensions Are In MM



*time tested designs with
superior performance*

GLOBAL Network



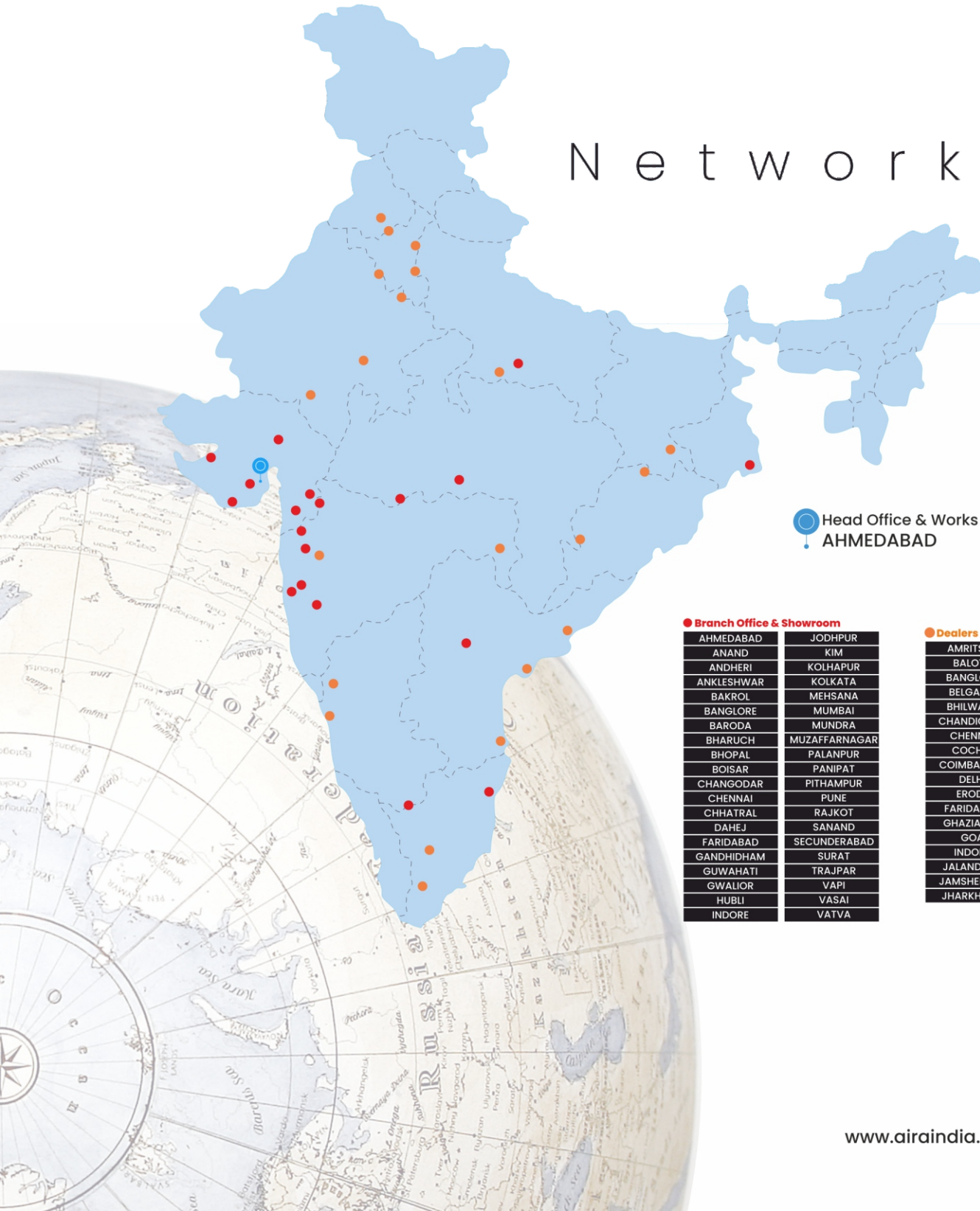
▲ International Dealers

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



industrial valve automation

Network



 **Head Office & Works**
AHMEDABAD

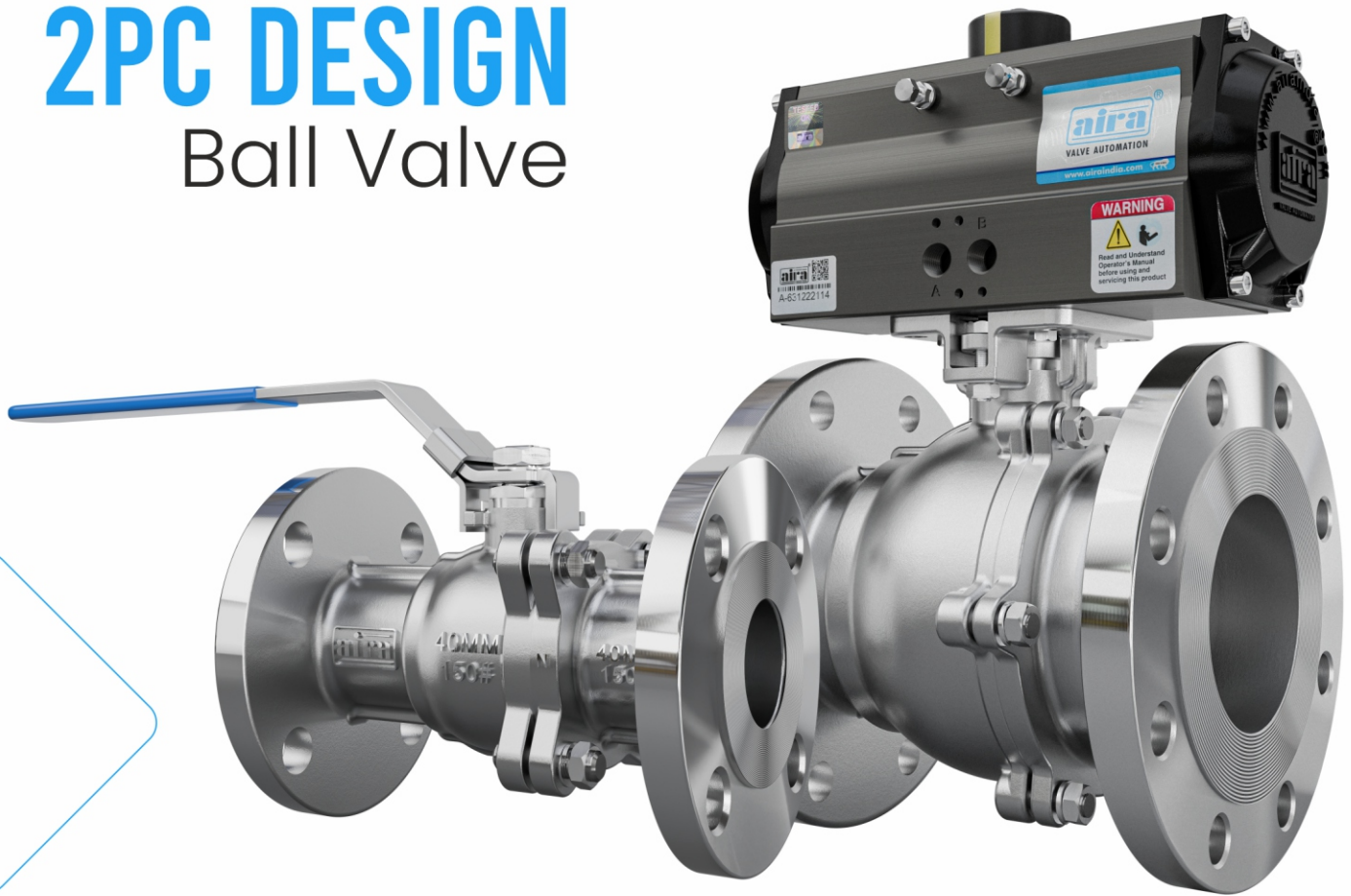
● **Branch Office & Showroom**

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**

AMRITSAR	KOLKATA
BALOTA	LUCKNOW
BANGLORE	LUDHIANA
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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