

YOUR SOLUTION PARTNER IN  
**INDUSTRIAL**  
**VALVE** AUTOMATION...



# SBV HIGH PRESSURE SCREWED BALL VALVE



## APPROVALS



## WEBSITE



Mfg. & Mkt by :

**aira Euro automation pvt. ltd.**

Ahmedabad-382405, INDIA.

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

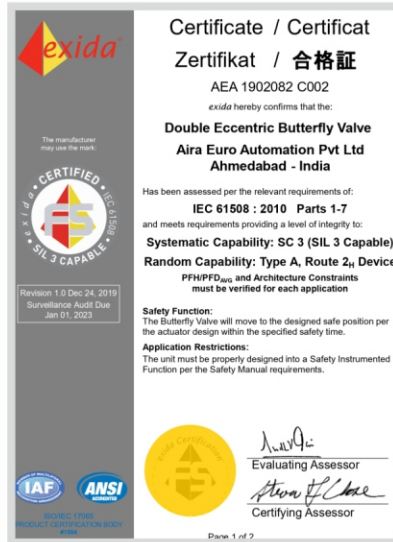


## SIL 3 CERTIFICATIONS

## CE CERTIFICATE



**SIL 3 - PNEUMATIC ROTARY ACTUATORS**



**SIL 3 - BUTTERFLY VALVE**



**CE - BUTTERFLY VALVE**

## ISO CERTIFICATIONS



**ISO 14001 : 2015**



**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

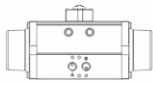
**OHSAS (Occupational Health & Safety Management System)**

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

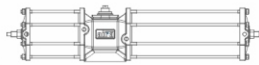
**Pneumatic Actuator**

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



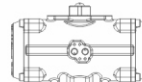
**Scotch & Yoke Actuator**

CE / ATEX / SIL-3



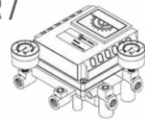
**Stainless Steel Actuator**

CE /  
IEP ATEX



**Positioner Enclosure**

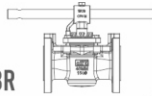
CE / CIMFR /  
IP67 / BIS  
/ PESO



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

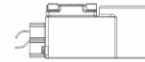
**Plug Valve**

FUGITIVE EMISSIONS  
TEST  
AS PER ISO  
15848-1 / IBR



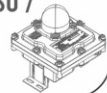
**Flameproof Solenoid Valve**

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



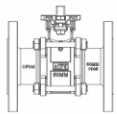
**Limit Switch**

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



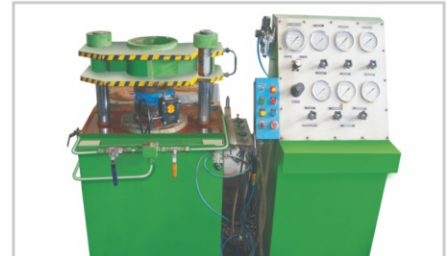
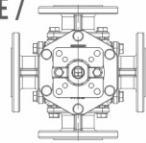
**Butterfly Valve (centric / Double & Triple Eccentric)**

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





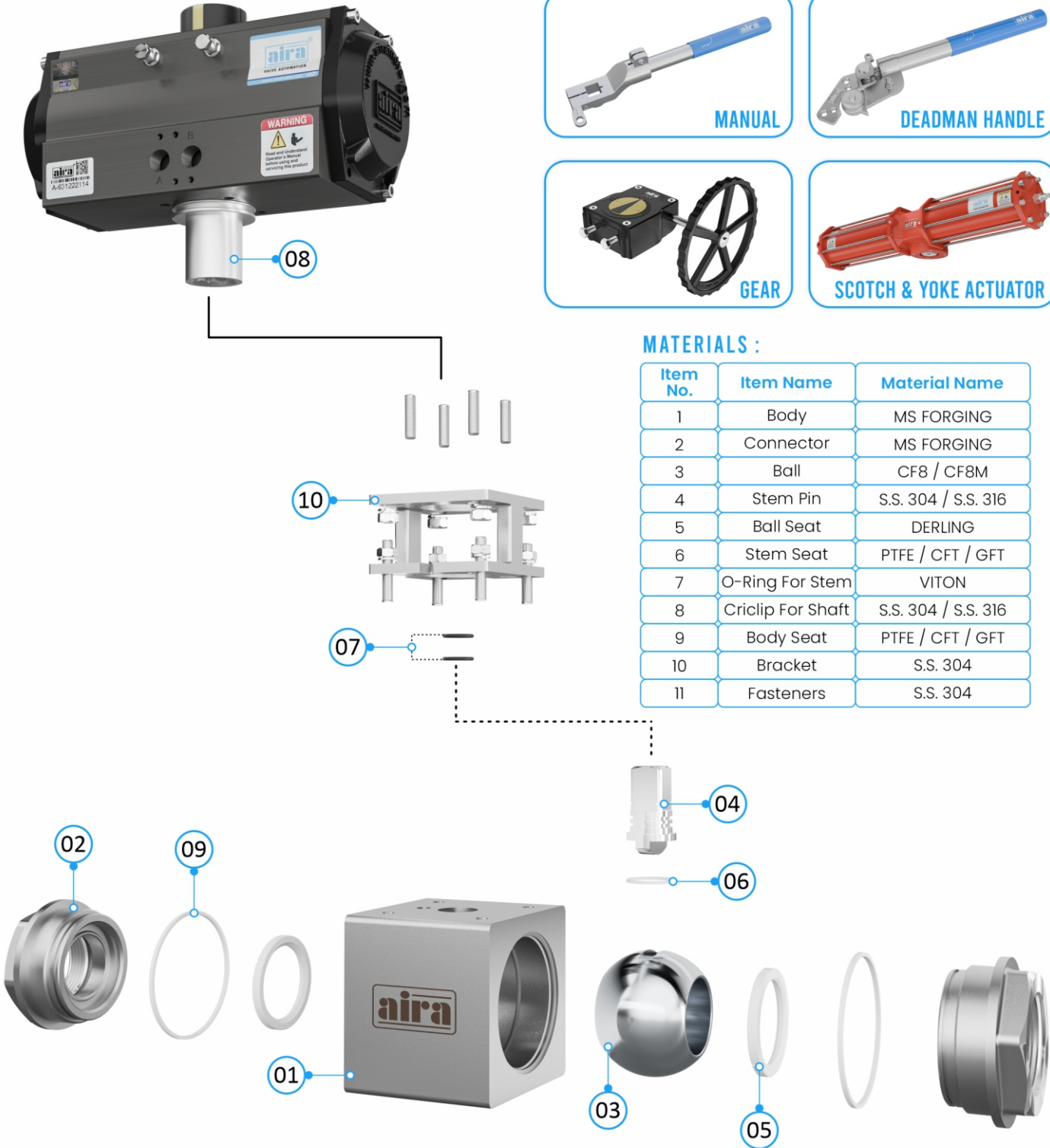
# SBV HIGH PRESSURE EXPLODED BALL VALVE

## OPERATING VARIANTS :



## MATERIALS :

Item No.	Item Name	Material Name
1	Body	MS FORGING
2	Connector	MS FORGING
3	Ball	CF8 / CF8M
4	Stem Pin	S.S. 304 / S.S. 316
5	Ball Seat	DERLING
6	Stem Seat	PTFE / CFT / GFT
7	O-Ring For Stem	VITON
8	Criclip For Shaft	S.S. 304 / S.S. 316
9	Body Seat	PTFE / CFT / GFT
10	Bracket	S.S. 304
11	Fasteners	S.S. 304





# SBV HIGH PRESSURE BALL VALVE



“aira” Offers High Pressure Ball Valve is a robust and versatile valve designed for demanding applications. Made from durable materials like A105 carbon steel and F304/F316 stainless steel, it features a floating ball design for reliable sealing and control. Available in both manual and automated options, this 2-way valve handles high-pressure environments efficiently and is ideal for precise flow management in various industrial settings.

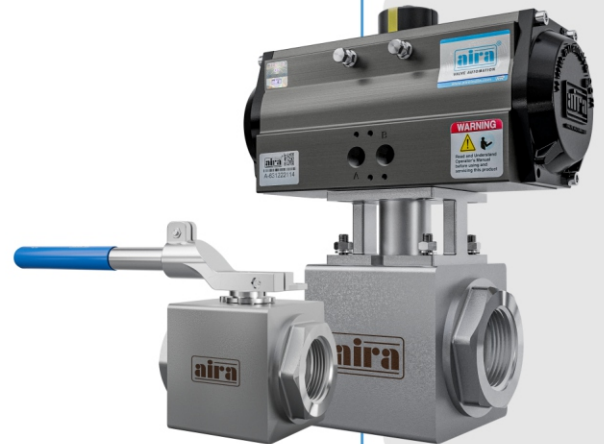
## Standard

- **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** : Class VI

**SIZE RANGE** 1/2" UPTO 2" SCREWED

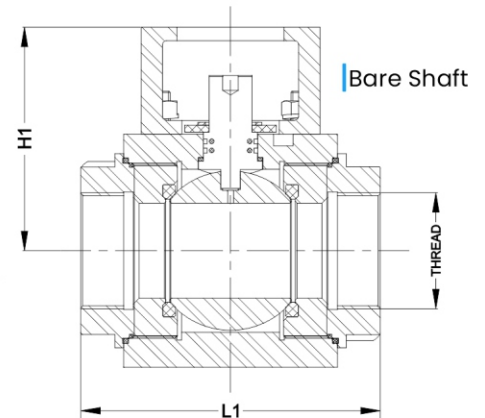
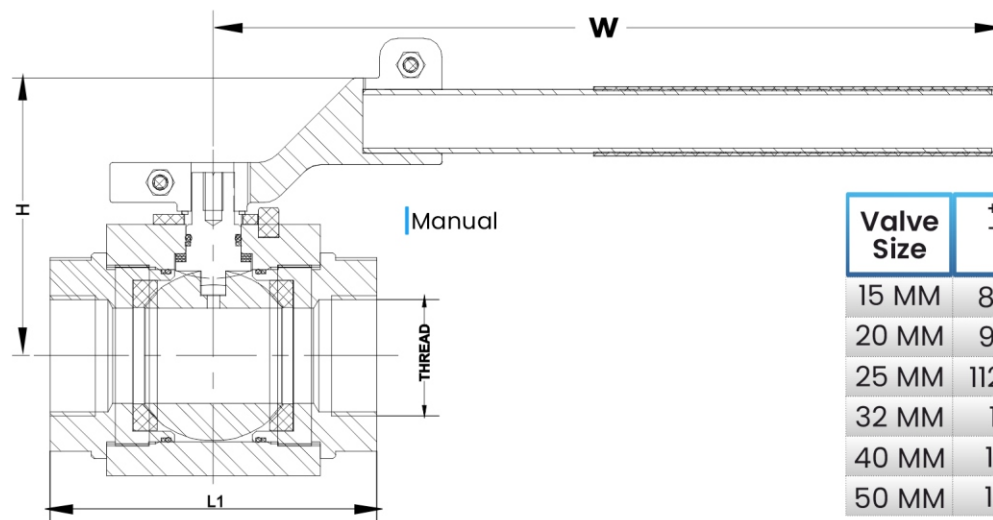
## Technical Specification

- **Seal** : D-Plastic / Nylon
- **Working Pressure** : 1/2" To 1" - 500 Kg/cm<sup>2</sup>  
1.1/4" & 1.1/2" - 400 Kg/cm<sup>2</sup>  
2" - 350 Kg/cm<sup>2</sup>



## Features

- Anti Static Grounded Ball & Stem.
- Blowout Proof Stem Design.
- High Pressure Ball Valve.



Valve Size	+3.0 -3.0 L1	TAP	+5.0 -5.0 H	+3.0 -3.0 H1	+10.0 -10.0 W
15 MM	83.6	1/2"	65	51	170
20 MM	95.2	3/4"	87	61	276
25 MM	112.55	1"	83	70	175
32 MM	110	1.1/4"	105	85	310
40 MM	130	1.1/2"	111	90	310
50 MM	154	2"	123	115	321

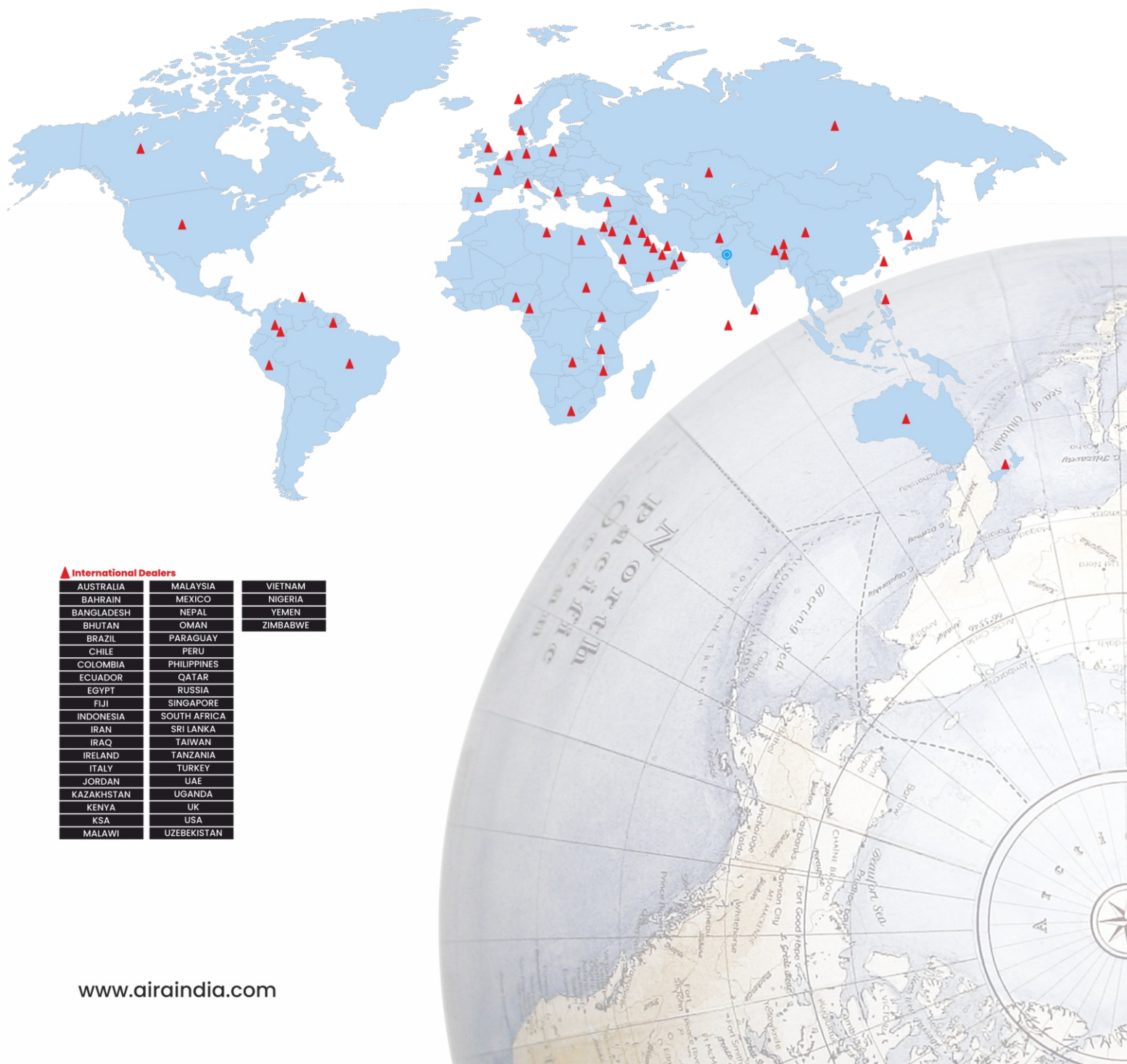
\*All Dimensions Are In MM





*time tested designs with  
superior performance*

# GLOBAL Network



**▲ International Dealers**

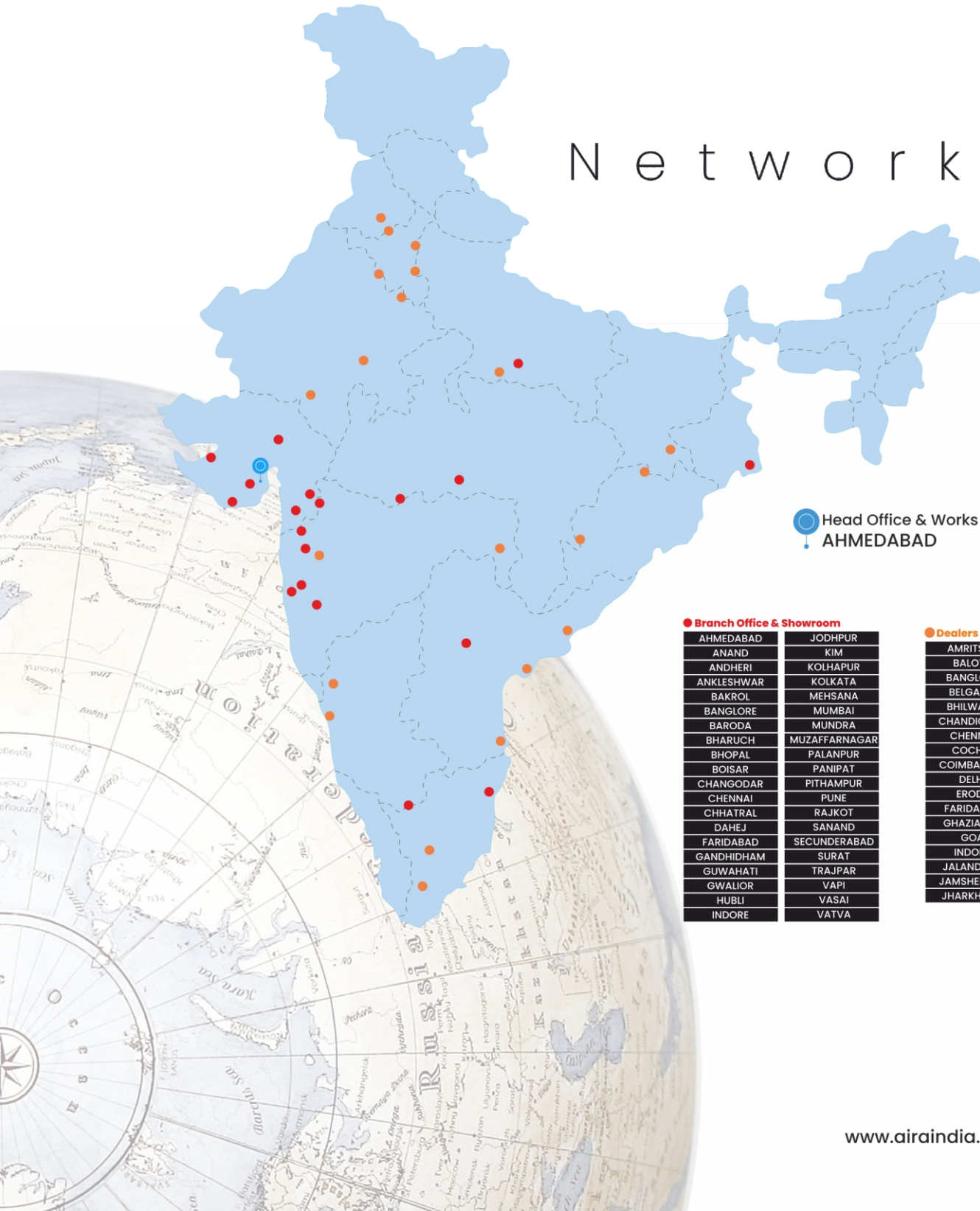
AUSTRALIA	MALAYSIA	VIETNAM
BAHRAIN	MEXICO	NIGERIA
BANGLADESH	NEPAL	YEMEN
BHUTAN	OMAN	ZIMBABWE
BRAZIL	PARAGUAY	
CHILE	PERU	
COLOMBIA	PHILIPPINES	
ECUADOR	QATAR	
EGYPT	RUSSIA	
FIJI	SINGAPORE	
INDONESIA	SOUTH AFRICA	
IRAN	SRI LANKA	
IRAQ	TAIWAN	
IRELAND	TANZANIA	
ITALY	TURKEY	
JORDAN	UAE	
KAZAKHSTAN	UGANDA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



# SBV HIGH PRESSURE Ball Valve



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