

Your Solution Partner in  
Industrial Valve  
**Automation...**



# Solenoid Valve



## 2/2 & 3/2 Way Solenoid Valve

- High Pressure & High Temperature
- Screwed / Flanged / T. C. End
- Voltage : 12V, 24V, 48V, 110V, 230V, AC/DC
- Coil Type : General / IP 65 & 67 / IS / IEC 60529
- Flame Proof / Weather Proof / Terminal Junction Box
- Intrinsically Safe Coil



Mfg. & Mkt by :

**airaEuroautomation pvt. ltd.**  
**INDIA**



IBR

CE



Ex

ISO



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## About Us

*Clients are why we exist!*

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 and 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.

### 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

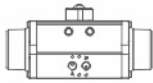
**OHSAS (Occupational Health & Safety Management System)**

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

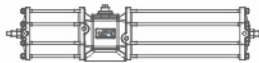
**Pneumatic Actuator**

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



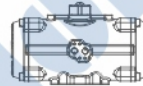
**Scotch & Yoke Actuator**

CE / ATEX / SIL-3



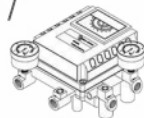
**Stainless Steel Actuator**

CE /  
IEP ATEX



**Positioner Enclosure**

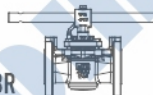
CE / CIMFR /  
IP67 / BIS  
/ PESO



**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



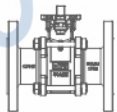
**Limit Switch**

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



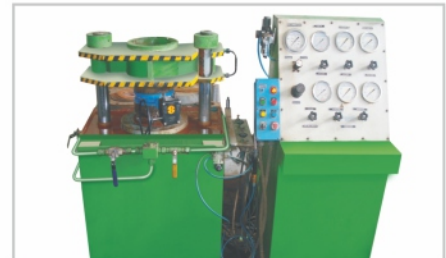
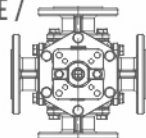
**Butterfly Valve (centric / Double & Triple Eccentric)**

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



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# Company Profile



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# 2/2 Way Angle Type Dust Collector Pulse Valve



Model : 2SDA

"aira" Offers high performance diaphragm operated valve with threaded ports. Available with integral pilot or as remotely piloted valve. Outlet at 90° to inlet.

## SUITABLE FOR

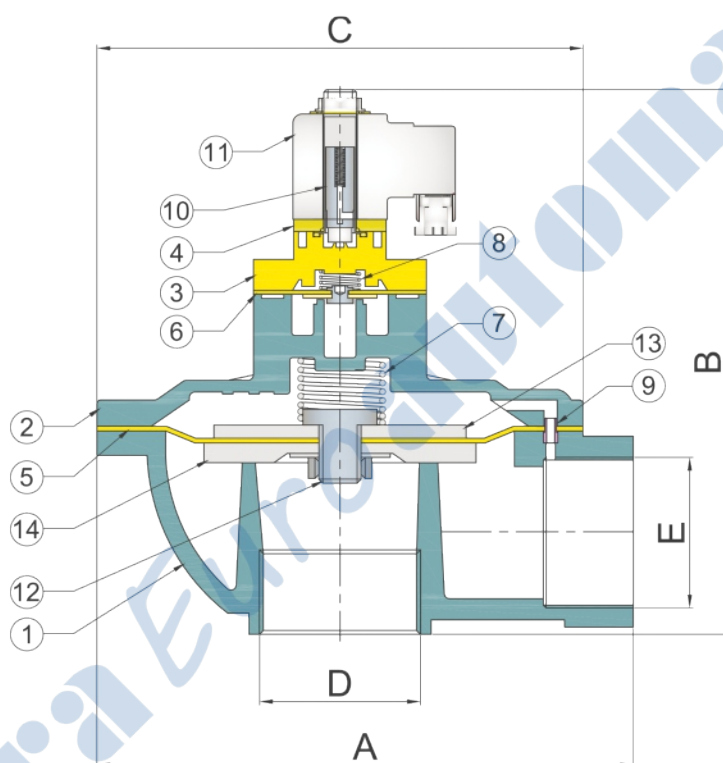
Dust collector applications, in particular for reverse pulse jet filter cleaning including bag filters, Cartridge filters, Envelope filters, Ceramic filters & Sintered metal fibre filters.

## Size Range : 2" to 3" Screwed

Valves Specification	
Pressure Rating	0.6 to 8.5 Bar Max
Temperature	Rated for 80 °C max. ( For high temperature upto 125 °C Viton Diaphragm with Viton seat can be provide )
Coil Voltage	12V, 24V, 48V, 110V, 230V, AC/DC
Coil Insulation	"F" Class & "H" Class in Flameproof
Coil Encloser	IP 67 ( Flame Proof / Explosion Proof as Per IS / IEC - 60079-1
Meets	STD for Gas Group II C Zone 1 & 2
Coil Rating	Continuous Rated

## Suitable For

Dust collector application, in particular for reverse pulse jet filter cleaning including bag filters, cartridge filters, envelope filters, ceramic filters and sintered metal fiber filters.



## Dimensions :

Valve Model	Valve Size		A	B	Weight Approx.
	MM	Inch			
2SDA-50	50	2"	205	212	2.950
2SDA-62	62	2 1/2"	210	232	3.300
2SDA-76	76	3"	230	253	3.900

(All Dimensions are in mm)

Sr.No.	Description	Material
1	Body	Aluminium
2	Big Cover	Aluminium
3	Small Cover	Aluminium
4	Adapter	Aluminium
5	Big Diaphragm	NBR
6	Small Diaphragm	NBR
7	Big Diaphragm Spring	S. S. 304
8	Small Diaphragm Spring	S. S. 304
9	Big Cover Brass Pin	Brass
10	Housing Plunger	STD.
11	Coil	STD.
12	Diaphragm Bolt	STD.
13	Diaphragm Flat Washer	Aluminium
14	Diaphragm Gasket	NBR

## Solenoid Coil



(For General)  
2200 Model with  
Adaptor



(For General)  
2210 Model With  
Wire Type



Explosion & Flame Proof Coil  
[As per IS / IEC 60079-1 standard  
approved by Central Institute  
of Mining and Fuel Research  
(CIMFR)]

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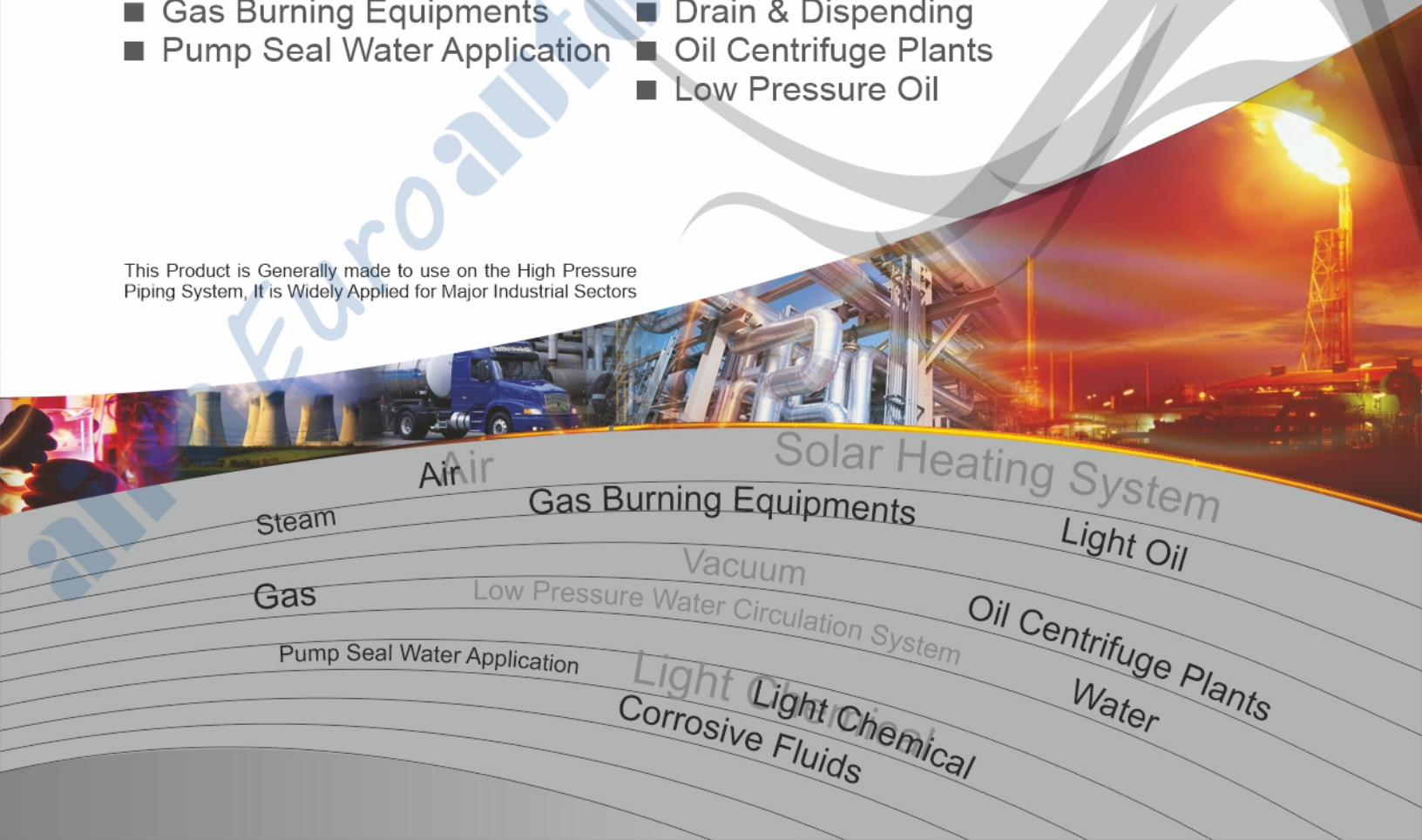
## Installations

- 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

# Applications

- Air
- Water
- Gas
- Light Oil
- Light Chemical
- High Volume & Low Pressure Application
- Vacuum
- Corrosive Fluids
- Autoclaves
- Gas Burning Equipments
- Pump Seal Water Application
- Low Pressure Water Circulation System
- Solar Heating System
- Gas Generator
- Hot Water
- Steam
- High Temperature Fluids
- LD Oil
- Chemical
- Dust Collector Application
- Ceramic Filters
- Drain & Dispensing
- Oil Centrifuge Plants
- Low Pressure Oil

This Product is Generally made to use on the High Pressure Piping System, It is Widely Applied for Major Industrial Sectors



Air  
Steam  
Gas  
Pump Seal Water Application  
Solar Heating System  
Gas Burning Equipments  
Vacuum  
Low Pressure Water Circulation System  
Light Oil  
Oil Centrifuge Plants  
Water  
Light Chemical  
Corrosive Fluids



*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	
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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 (ANKLISHWAR)
ANAND	KOLHAPUR (MAHARASHTRA)
ANDHERI	KOLKATA
ANKLISHWAR	MAHJUSAR (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	RANICANJ (HYDERABAD)
FARIDABAD	SANAND
GANDHIDHAM	SECUNDERABAD
GHAZIABAD	SILVASSA (MAHARASHTRA)
GUWAHATI	SURAT
GWALIOR	TARAPUR
HYDERABAD	TRAJAPUR (RAJKOT)
HUBLI (KARNATAKA)	VIJAYWADA (ANDHRA PRADESH)
INDORE	UMARGAON (VAPI)
ICHALKARANJ (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	

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**INDIA**

Available At :



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