

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



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





## 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 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.

### 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).

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

**QMS (Quality Management System)**

ISO 9001 : 2015

**EMS (Environment Management System)**

ISO 14001 : 2015

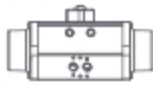
**OHSAS (Occupational Health & Safety Management System)**

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

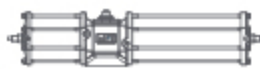
**Pneumatic Actuator**

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



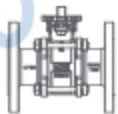
**Limit Switch**

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



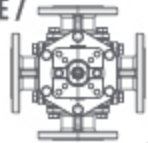
**Butterfly Valve (centric / Double & Triple Eccentric)**

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**

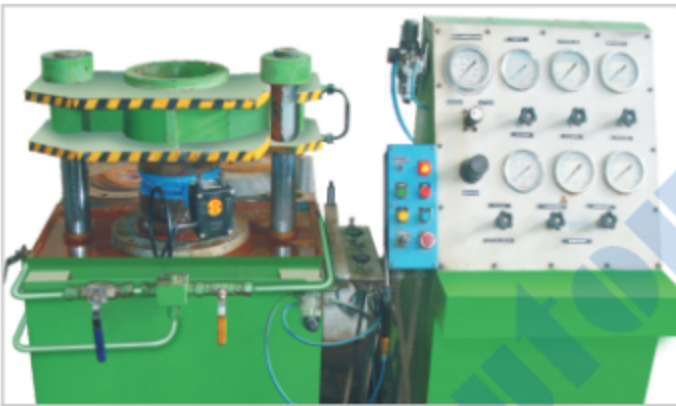
FUGITIVE EMISSIONS TEST  
AS PER ISO 15848-1 / CE /  
PED / EIL



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



# Company Profile



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



# 2/2 Way Angle Type Dust Collector Pulse Valve



"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

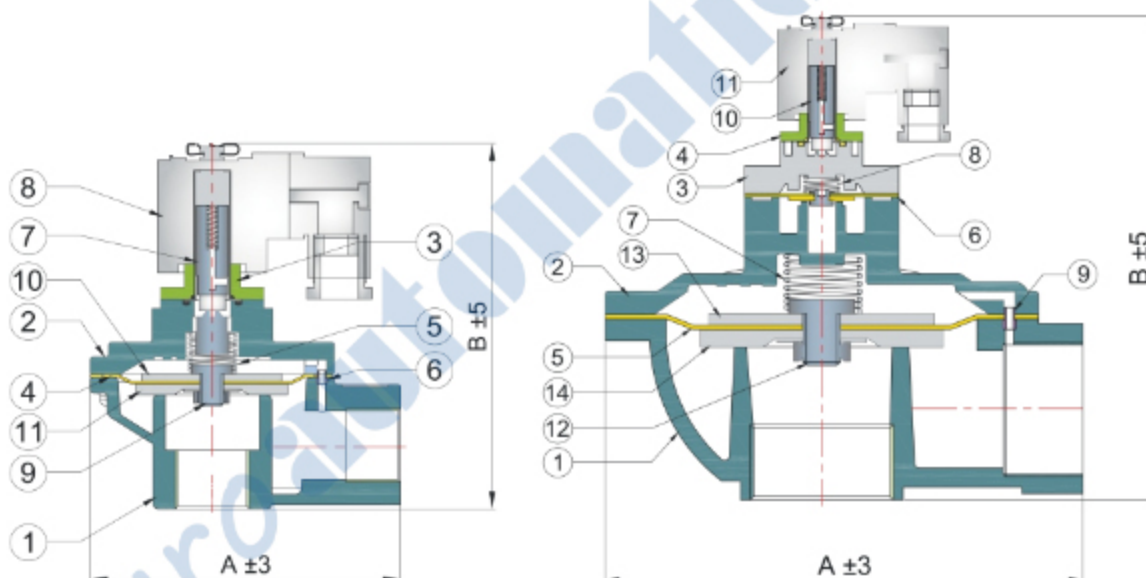
Dust collector applications, in particular for reverse pulse jet filter cleaning including bag filters, Cartridge filters, Envelope filters, Ceramic filters & Sintered metal fibre filters.

## Size Range : 1/2" 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
Coil Rating	Continuous Rated



Model : QSDA



### Single Diaphragm (Size : 1/2" to 1.1/2")

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

### Double Diaphragm (Size : 1.1/2" to 3")

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

### Dimensions :

Valve Model	Valve Size		A	B	Weight Approx.
	MM	Inch			
QSDA-15	15	1/2"	102	125	0.700
QSDA-20	20	3/4"	105	125	0.650
QSDA-25	25	1"	105	123.25	0.600
QSDA-35	35	1.1/2"	120	143	1.200
QSDA-45	45	1.1/2"	138	175	1.600
QSDA-50	50	2"	205	205	2.950
QSDA-62	62	2.1/2"	210	222	3.300
QSDA-76	76	3"	230	245	3.900

(All Dimensions are in mm)

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



## 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

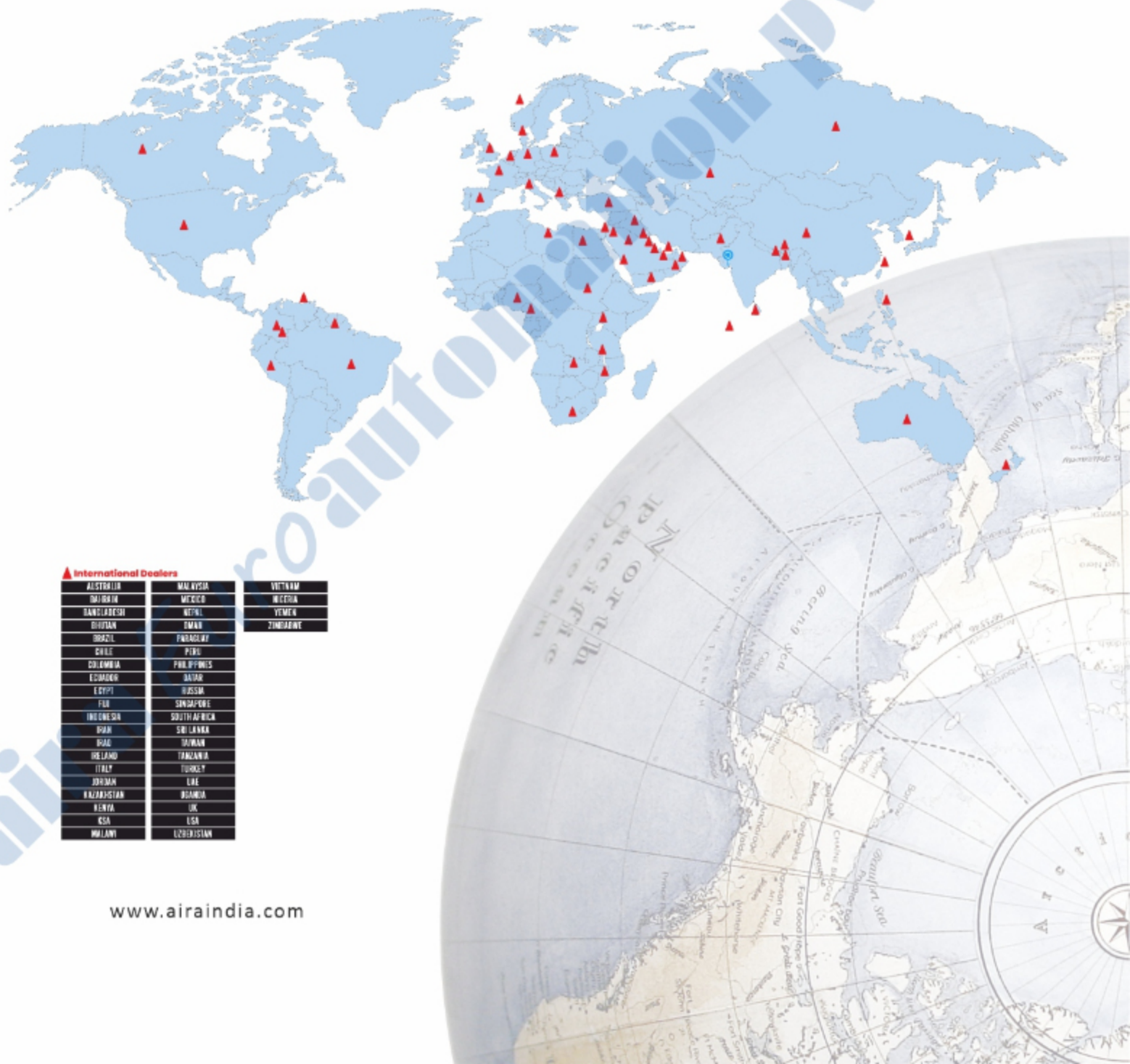
This Product is Generally made to use on the High Pressure Piping System, It is Widely Applied for Major Industrial Sectors



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

[illegible]





*industrial valve automation*

# Network

● Head Office & Works  
AHMEDABAD

● Branch Office & Showroom

AHMEDABAD	KIM (KARNATAKA)
ANAND	KOLHAPUR (MAHARASHTRA)
ANANDH	KOLKATA
ANKLESHWAR	MAHARAJGARH (HARYANA)
ASSAM	NETASARA
AURANGABAD	MUMBAI
BAKROL	MUNIRA
BANGLORE	MURDI
BARODA	MUZAFFARPUR
BALANAGAR (HYDERABAD)	NAGPUR
BHARUCH	NOIDA
BHOPAL	PALANPUR
BHOWANI (MAHARASHTRA)	PANIPAT
BHUSAR	PANJAGUTTA (HYDERABAD)
CHANDGARH	PILKAMPUR (MAHARASHTRA)
CHENNAI	PUNE
CHITRAL	PUSHPALAPUR (HYDERABAD)
CHITPLIN (MAHARASHTRA)	RANDE
COIMBATORE	RAJASTHAN
DAHEJ	RAJHOL (AHMEDABAD)
DELHI	RANIGANJ (HYDERABAD)
FARIDABAD	SAHAB
GANDHIDHAM	SEELINDERABAD
GHAZIABAD	SILKES (MAHARASHTRA)
GUWAHATI	SUNAT
GWALIOR	TANAPUR
HYDERABAD	TRAPUR (GUJARAT)
HUBLI (KARNATAKA)	VIRAMPUR (MAHARASHTRA)
INDORE	UMARJAIN (GUJARAT)
ICHALKARANJ (MAHARASHTRA)	VAPI
JAIPUR	VASAI
JODHPUR	VATVA
JHARKHAND	VISHAKHAPATNAM (ANDHRA PRADESH)
KANPUR	WADHWA (GUJARAT)
KATKADA (ANDHRA PRADESH)	

● Dealers & Distributors

AMRITSAR	KOLKATA
BALOTI	LUCKNOW
BANGLORE	LUDHIANA
DELHIALI	MAHARAJGARH
DELHIALI	MEERUT
CHANDGARH	MUZAFFARPUR
CHENNAI	NAGPUR
COCHIN	NOIDA
COIMBATORE	PANIPAT
DELHI	PEENYA
ERODE	PUNE
FARIDABAD	TRAPUR
GHANSHYAM	WARRANGAL
GDA	WISAKHAPATNAM
INDORE	WADI
JALANDHAR	KANPUR
JAMSHEDPUR	KOLHAPUR
JAMSHEDPUR	

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





Mfg. & Mkt by :

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

Available At :



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