

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



ISI



BIS

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 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

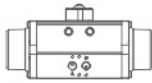
OHSAS (Occupational Health & Safety Management System)

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

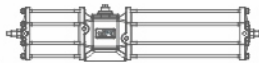
Pneumatic Actuator

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



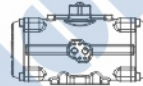
Scotch & Yoke Actuator

CE / ATEX / SIL-3



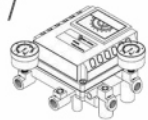
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

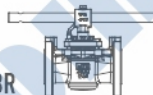
CE / CIMFR /
IP67 / BIS
/ PESO



aira's
SOME OF OUR
Certificates

Plug Valve

FUGITIVE EMISSIONS
TEST
AS PER ISO
15848-1 / IBR



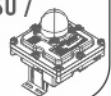
Flameproof Solenoid Valve

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



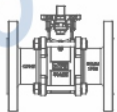
Limit Switch

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



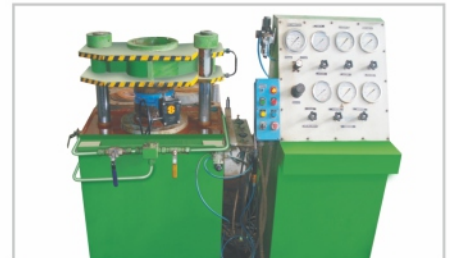
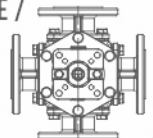
Butterfly Valve (centric / Double & Triple Eccentric)

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



Multipoint Ball Valve

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



Company Profile



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2/2 Way Direct Acting Solenoid Valve

"aira" Offers solenoid valves are the best for the inflammable media. The Flame Proof Explosion proof solenoid coil are available in such application.

Size Range : 1/4", 3/8" to 1/2" Screwed

Types :

1. Normally Closed - Energised to Open
2. Normally Open - Energised to Close

Group - I : Suitable for 0 to 10 Kg/cm²

Group - II : Suitable for 2, 10, 35 & 70 Kg/cm²

- Compact design light weight & long durability
- Constructed from advanced technology & design.
- Easy installation, universal mounting

Valves Specification	
Temperature of Fluid	-5 OC to 85 OC (High Temperature On Request)
Coil Voltage	12V, 24V, 48V, 110V, 230V AC / DC
Media	Air / Gas/ Oil / Water / Chemical

Technical Specification Table

Group	Model	Type	Size	Position	Orifice	Pressure
Group - I	BSD - I	2/2 Way	1/4", 1/2"	N/C & N/O	2.5mm	10Kg
Group - I	BUD - I	3/2 Way	1/4", 1/2"	N/C & N/O	1.2mm	10Kg
Group - II	BBC - II	2/2 Way	1/4", 3/8", 1/2"	N/C & N/O	4mm	10Kg
Group - II	BBC - II	2/2 Way	1/4", 3/8", 1/2"	N/C & N/O	2.2mm	35Kg
Group - II	BBC - II	2/2 Way	1/4", 3/8", 1/2"	N/C & N/O	1.2mm	70Kg
Group - II	BBC - II	2/2 Way	1/2"	N/C & N/O	1.5mm	2Kg
Group - II	BBS - II	3/2 Way	1/4", 3/8", 1/2"	N/C	4mm	10Kg
Group - II	BBS - II	3/2 Way	1/4", 3/8", 1/2"	N/C	2.2mm	35Kg

Sr. No.	Description	Description
1	Body	Brass / CF8
2	Solenoid Coil Casting	Std.
3	Housing	Std.
4	'O' - Ring	NBR / Viton
5	Spring	S. S. 304

Dimensions :

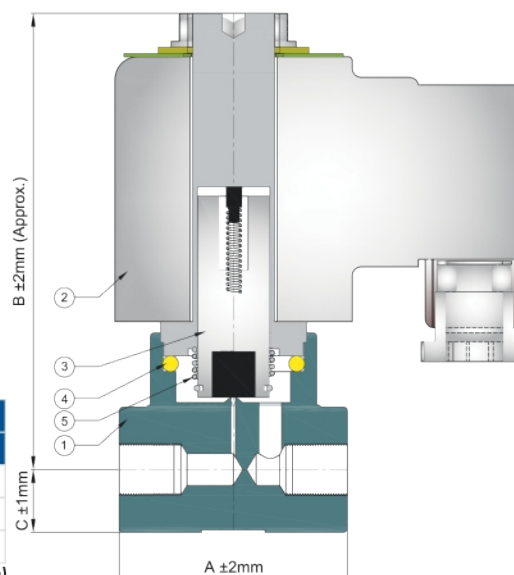
SIZE		Group-I			
MM	Inch	A	B	C	Weight
6	1/4"	41	75	9	0.400
10	3/8"	---	---	---	---
15	1/2"	50	82	13	0.300

(All Dimensions are in mm)

Dimensions :

SIZE		Group-II			
MM	Inch	A	B	C	Weight
6	1/4"	50	100	14	0.950
10	3/8"	50	100	14	0.900
15	1/2"	50	100	14	0.900

(All Dimensions are in mm)



Model : BSD

Model : BBC-II

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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



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KENYA	UK	
KSA	USA	
MALAWI	UZBEKISTAN	



industrial valve automation

Network

Head Office & Works
AHMEDABAD

● Branch Office & Showroom

AHMEDABAD	KIM (ANKLISHWAR)
ANAND	KOLHAPUR (MAHARASHTRA)
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AURANGABAD	MUMBAI
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BANGLORE	MORBI
BARODA	MUZAFFARNAGAR
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BHARUCH	NOIDA
BHOPAL	PALANPUR
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CHIPLUN (MAHARASHTRA)	RAJKOT
COIMBATORE	RAJASTHAN
DAHEJ	RAKHIAL (AHMEDABAD)
DELHI	RANICANJ (HYDERABAD)
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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)

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COCHIN	NOIDA
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ERODE	PUNE
FARIDABAD	TRIPUR
GHAZIABAD	VARANASI
GOA	VISAKHAPATNAM
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JHARKHAND	

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Mfg. & Mkt by :
airaEuroautomation pvt. ltd.
INDIA

Available At :



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