

Your Solution
Partner In
Industrial Valve Automation...



2/2 WAY ANGLE TYPE ON/OFF SINGLE & DOUBLE ACTING BOLTED DESIGN Control Valve

MODEL :
RSK & RFK



Mfg. & Mkt by

aira Euroautomation pvt. ltd.

INDIA

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).

QMS (Quality Management System)

ISO 9001 : 2015

EMS (Environment Management System)

ISO 14001 : 2015

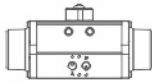
OHSAS (Occupational Health & Safety Management System)

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

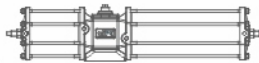
Pneumatic Actuator

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



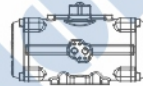
Scotch & Yoke Actuator

CE / ATEX / SIL-3



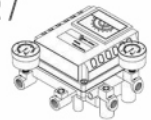
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

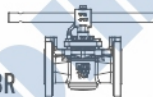
CE / CIMFR /
IP67 / BIS
/ PESO



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



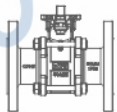
Limit Switch

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 / API 6D / API 607 /
EXIDA SIL-3



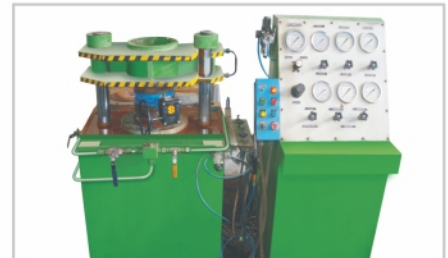
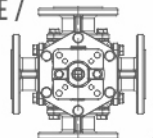
Butterfly Valve (centric / Double & Triple Eccentric)

FIRE SAFE TEST DESIGN /
FUGITIVE EMISSIONS TEST
AS PER ISO 15848-1 / CE /
PED / API 609 / EXIDA SIL-3
/ IBR / PROOF OF DESIGN /
FOOD GRADE / BIS / ISI

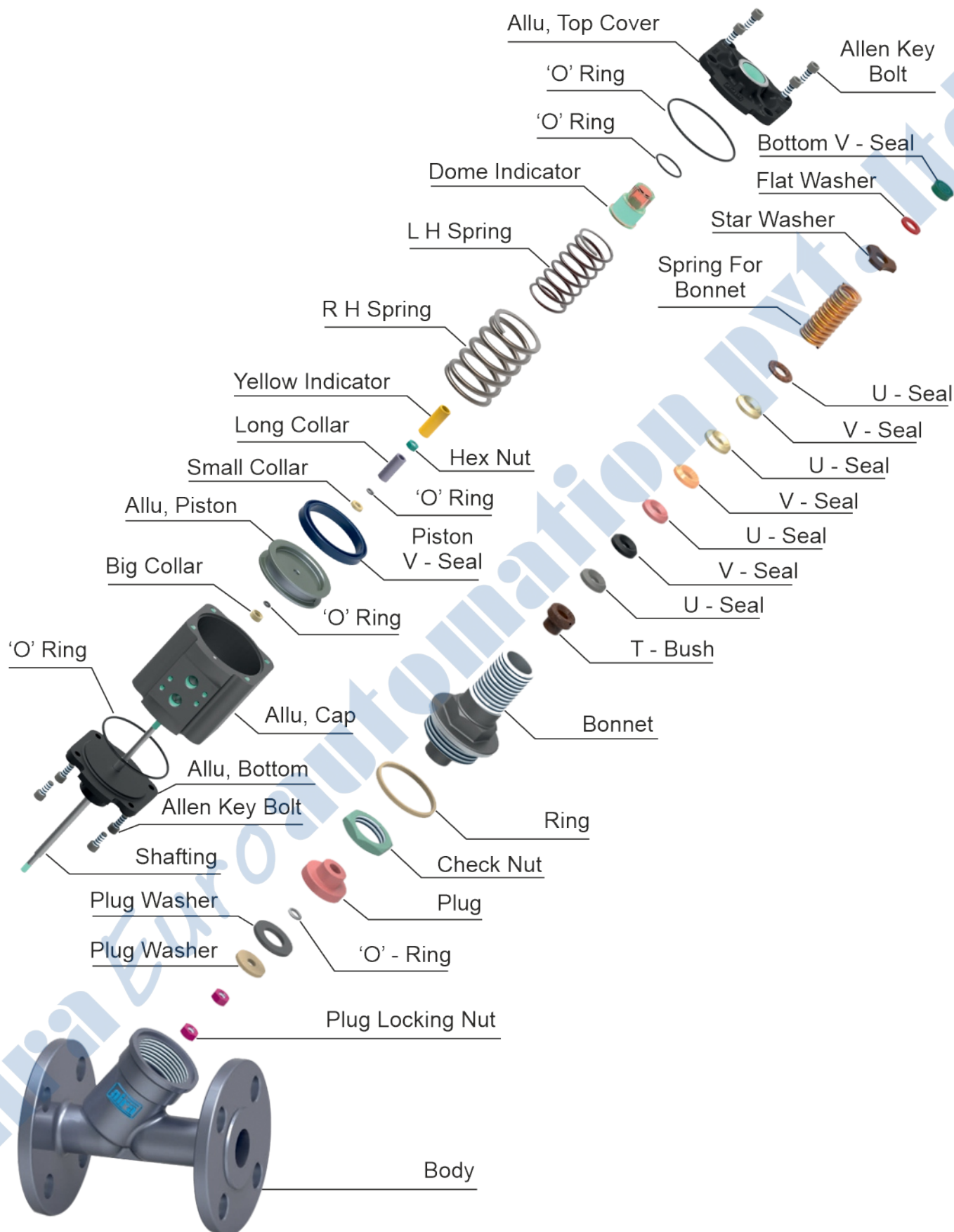


Multiport Ball Valve

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



2/2 Way Angle Type On/Off Single & Double Acting Control Valve



2/2 Way Angle Type On/Off Single & Double Acting Control Valve Bolted Design

"aira" Offers 2/2 Way Pneumatic Actuator Operated Investment Casting Angle Type Controls Valve. It has two working types, Double Acting & Single Acting

Size Range : 1/2" to 4" Screwed / Flanged

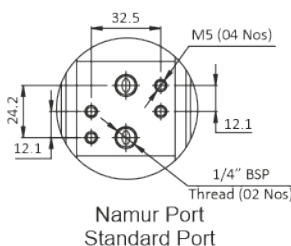
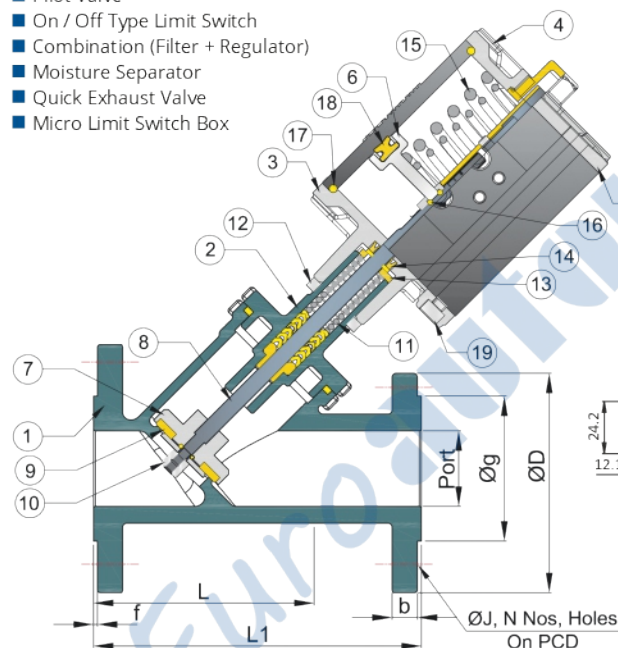
Actuator Specification	
Port Connection	1/4" BSP (NPT On Request)
Operating Pressure	4.5 to 7 BAR 1/2" to 2" / 5 to 7 BAR 2.1/2" to 4"
Operating Cycles	350 to 650 Cycles / Hr.
Media	Dry Lubricated Air / Inner Gases (Hydint Moisture Separator are advised to use in line)

Actuator Type
Double Acting
Single Acting
Normally Open

Valve Specification	
Body Test Press.	10 Bar Max. (12 Kg One Size Higher Actuator & 16 Kg Two Size Higher Actuator)
Working Pressure	Upto 10 Bar
Working Temperature	PTFE 180 °C / CFT 220 °C
Leakage	As per ANSI B16, 16.104 Leakage Class VI Shut Off Tight / Bubble Tight
Media	Air / Water / Oil / Gas / Steam & Chemical

Accessories

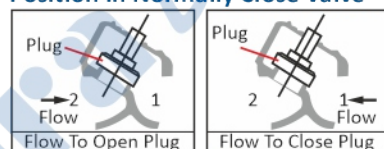
- 3/2 & 5/2 Way Namur Solenoid Valve
- Pilot Valve
- On / Off Type Limit Switch
- Combination (Filter + Regulator)
- Moisture Separator
- Quick Exhaust Valve
- Micro Limit Switch Box



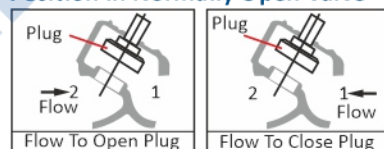
Sr. No.	Description	Material
1	Body	CF8 / CF8M / CF3M
2	Bonnet	CF8 / CF8M / CF3M
3	Flange Bottom Cover	Aluminum
4	Flange Top Cover	Aluminum
5	Actuator Cap	Aluminum Alloy
6	Piston	Aluminum
7	Plug	S. S.
8	Piston Shaft	S. S. 304
9	Plug Washer	PTFE
10	Lock Nut For Plug	S. S. 304
11	Spring For Bonnet	S. S. 304
12	Lock Nut For Flange	S. S.
13	Collar For Bonnet	S. S. 304
14	V - Seal For Flange	High Nitrile
15	Piston Spring (R.H.)	Spring Steel
16	O - Ring for Piston Collar	High Nitrile
17	O - Ring for Flange Top & Bottom	High Nitrile
18	K - Type V Seal For Piston	High Nitrile
19	Socket Head Cap & Screw	S. S.

* These Item (Spring) Not Applicable In Double Acting Actuator.

Position In Normally Close Valve



Position In Normally Open Valve



* L - Screwed Dimensions

* L1- Flanged Dimensions

Dimensions :

Valve Model	Valve Size	L	L1	Port	ØD	b	Øg	f	ØJ	N	PCD
RSK / RFK - 15	1/2"	64	108	16	90	8	34.9	2	15.9	4	60.3
RSK / RFK - 20	3/4"	75	117.2	21	100	9	42.9	2	15.9	4	69.9
RSK / RFK - 25	1"	90	127	27	110	10.1	50.8	2	15.9	4	79.4
RSK / RFK - 32	1.1/4"	102	141.4	38	115	13.4	63.5	2	15.9	4	89
RSK / RFK - 40	1.1/2"	125	165	38	125	12.7	73	2	15.9	4	98.4
RSK / RFK - 50	2"	151.5	190	49	150	14.3	92.1	2	19.05	4	120.7
RSK / RFK - 65	2.1/2"	195.5	235	63	180	15.9	104.8	2	19.05	4	139.7
RSK / RFK - 80	3"	195	248	74	190	18.5	127	2	19.05	4	152.4
RSK / RFK - 100	4"	314	292	102	228.6	21.88	157.23	2	19.05	8	190.5

(All Dimensions are in mm)

Pneumatic - Pneumatic & Electro Pneumatic ROTARY Valve Positioner



Electro - Pneumatic
Input Signal : 4 ~ 20 mA DC
Supply Air Pressure : 20 ~ 100 psi Max.
 (7.0 Kg/cm²)
Standard Stroke : 10 ~ 80 mm
Air Pipe Connection : 1/4" NPT
Ambient Temperature : -20 °C to 70 °C
Degree of Protection : IP 65
Out-put Characteristics : Rotary
Conduit Connection : 1/2" NPT
Body Material : Aluminium Die Cast



Pneumatic - Pneumatic & Electro Pneumatic LINEAR Valve Positioner



Electro - Pneumatic
Input Signal : 3 ~ 15 (0.2 ~ 1.0 Kg/cm²)
Supply Air Pressure : 100 psi Max.
 (7.0 Kg/cm²)
Standard Stroke : 10 ~ 80 mm
Air Pipe Connection : 1/4" NPT
Ambient Temperature : -20 °C to 70 °C
Degree of Protection : IP 65
Out-put Characteristics : Linear
Conduit Connection : 1/2" NPT
Body Material : Aluminium Die Cast



SMART Positioner LINEAR



Model : IP 6000 Series
Body : Aluminium
Set Point Signal : 4 - 20mA DC
Ambient Temperature : Normal Version : -20 °C ~ 70 °C
 Optional Version : -40 °C ~ 70 °C
Supply Pressure : 0.14 - 0.7 MPa
Flow : 55L/min (Sup=0.14MPa)

Weatherproof MICRO Limit Switch Box



Model : MMLS-BX-WP-01-A
 MMLS-BX-WP-01-B
 MMLS-BX-WP-01-C
Switch : Honeywell ZM / NJ2-V3-N /
 NBB-V3-Z4
Type : 1 NO + 1 NC / 2 Switch
Enclosure Protection : IP 67
Ambient Temperature : -20 °C to 80 °C
Conduit Entry : 1/2" - NPT
Terminal : 8 Point
Mounting Bracket : Namur VDI / VDE3845 / ISO 5211
Material : Aluminium Die Cast



Flameproof Limit Switch Box



Model : MLS-BX-FLP-01-A
 MLS-BX-FLP-01-B
 MLS-BX-FLP-01-C
 MLS-BX-FLP-01-D
Switch : Honeywell V15 / Honeywell
 V 15 PCB Type / NCB2-V3-NO /
 NJ2-V3-N / NBB-V3-Z4 / NBB3-V3-Z4
Type : 1 NO + 1 NC / 2 NO + 2 NC / 2 Switch
Enclosure Protection : IP 68
Ambient Temp. : -20 °C to 80 °C
Conduit Entry : 1/2" - NPT
Terminal : 8 Point
Mounting Bracket : Namur VDI / VDE3845 / ISO 5211
Material : Aluminium Die Cast



Flameproof Limit Switch Box STAINLESS STEEL 304 / 316



Model : LS4-BX-FLP-01-A / LS6-BX-FLP-01-A
 LS4-BX-FLP-01-B / LS6-BX-FLP-01-B
 LS4-BX-FLP-01-C / LS6-BX-FLP-01-C
 LS4-BX-FLP-01-D / LS6-BX-FLP-01-D
Switch : Honeywell V15 / Honeywell
 V 15 PCB Type / NCB2-V3-NO /
 NJ2-V3-N / NBB-V3-Z4 / NBB3-V3-Z4
Type : 1 NO + 1 NC / 2 NO + 2 NC / 2 Switch
Enclosure Protection : IP 67
Ambient Temp. : -20 °C to 80 °C
Conduit Entry : 1/2" - NPT
Terminal : 8 Point
Mounting Bracket : Namur VDI / VDE3845 / ISO 5211
Material : ASTM A351 Gr. CF8 / CF8M / CF3M



Weatherproof Limit Switch Box (Big Box)



Model : MLS-BX-01-A / MLS-BX-01-B
 MLS-BX-01-C / MLS-BX-01-D
Switch : Honeywell V 15 / NJ2-V3-N /
 NBB-V3-Z4 / NCB2-V3-NO
Type : 1 NO + 1 NC / 2 NO + 2 NC /
 2 Switch
Enclosure Protection : IP 67
Ambient Temperature : -20 °C to 80 °C
Conduit Entry : 1/2" - NPT
Terminal : 8 Point
Mounting Bracket : Namur VDI / VDE3845 /
 ISO 5211
Material : Aluminium Die Cast



Weatherproof Limit Switch Box STAINLESS STEEL 304 / 316



Model : MLS4-BX-01-A / MLS4-BX-01-B
 MLS4-BX-01-C / MLS4-BX-01-D
Switch : Honeywell V 15 / NJ2-V3-N /
 NBB-V3-Z4 / NCB2-V3-NO
Type : 1 NO + 1 NC / 2 NO + 2 NC /
 2 Switch
Enclosure Protection : IP 67
Ambient Temperature : -20 °C to 80 °C
Conduit Entry : 1/2" - NPT
Terminal : 8 Point
Mounting Bracket : Namur VDI / VDE3845 /
 ISO 5211
Material : ASTM A351 Gr. CF8 / CF8M / CF3M



3/2 Way Namur Direct Acting Solenoid Valve



Model	: NAM-SA-32
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Ambient Temp.	: -20 °C ~ 70 °C
MOC	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 0 to 10 Kg/cm ²

5/2 Way Convertible Poppet Type SINGLE & DOUBLE Namur Solenoid Valve



Model	: OTX-ALU-52 / 2OTX-ALU-52
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F"
Ambient Temp.	: -20 °C ~ 70 °C
MOC	: Aluminium
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 2.5 to 10 Kg/cm ²

3/2 Way Internal Pilot Operated STAINLESS STEEL 316 Single Namur Solenoid Valve



Model	: MPT-S6-32
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F" & "H"
Ambient Temp.	: -20 °C ~ 70 °C
MOC	: ASTM A351 Gr. CF8M
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 2.5 to 10 Kg/cm ²

5/2 Way Poppet Type STAINLESS STEEL 316 Single Namur Solenoid Valve



Model	: OTX-S6-52
Coil Voltage	: All Std. Voltage Available
Frequency	: 50 - 60 Hz
Connection Type	: 1/4" (NPT)
Conduit	: PF 1/2"
Coil Insulation Grade	: Class "F" & "H"
Ambient Temp.	: -20 °C ~ 70 °C
MOC	: ASTM A351 Gr. CF8M
Seals	: NBR (Viton On Request)
Working Pressure	: Upto 2.5 to 10 Kg/cm ²

3/2 Way Midget Type Direct Acting Solenoid Valve



Model	: DMV
Size	: 1/4"
Body	: CF8 / CF8M / Brass / S.S 304
Orific	: 2
Pressure	: 7 Kg / cm ²
Temp.	: Upto -5 to 80 °C max.
Coil Rating	: Continuous Rated
Coil Insulation	: "F" Class & "H" Class For Flameproof
Media	: Air & Gas
Voltage	: 12V, 24V, 48V, 110V, 230V, AC/DC

3/2 Way Midget Type Direct Acting Solenoid Valve



Model	: MDV
Size	: 1/4"
Body	: CF8 / CF8M / Brass / S.S 304
Orific	: 2
Pressure	: 7 Kg / cm ²
Temp.	: Upto -5 to 80 °C max.
Coil Rating	: Continuous Rated
Coil Insulation	: "F" Class & "H" Class For Flameproof
Media	: Air & Gas
Voltage	: 12V, 24V, 48V, 110V, 230V, AC/DC

Filter + Regulator Air Combination



Model	: 4FQ / 8 FQ / FRJ / AFRS4
Air Connection	: 1/4"
Max. Supply Pressure	: 4FQ : 0.5 to 4 Kg / cm ² 8FQ : 0.5 to 8 Kg / cm ² FRJ : 1 to 9 Kg / cm ²
Gauge Connection	: 1/8"
Ambient Temp.	: -20 °C ~ 70 °C
Mini Filtering Size	: 5 Micron
Material	: Aluminium Pressure Die Cast / CF8 / CF8M

Air Volume Booster



Model	: VLB
Size	: 1/4" to 1"
MOC	: Aluminium
Seals	: NBR
Supply Pressure	: 10 Bar
Output Pressure	: 7 Bar
Temperature	: -20 °C ~ 70 °C

Single & Double Air Lock Valve



Model Single	: SALV
Model Double	: DALV
Size	: 1/4" to 3/4"
MOC	: Aluminium
Seals	: NBR
Supply Pressure	: 10 Bar
Output Pressure	: 7 Bar
Temperature	: -20 °C ~ 70 °C

Manual Override Clutch Type (MO)



Model	: AMO
Torque	: 200 Nm to 10000 Nm
Body	: Aluminium Pressure Die Cast / S. G. Iron
Lever Wheel	: Stainless Steel
Hand Wheel	: S.S. / M.S. (Fabricated)

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

Application

- Process & Chemical
- Refineries & Petrochemicals
- Drugs & Pharmaceuticals
- Thermal Power Stations
- Dyes & Intermediates
- Breweries & Distilleries
- Steel Plants
- Onshore & Offshore Platforms
- Steel Plants
- Solvent Extraction Plants
- Sewage
- Cooling Water
- Ship Yards & Marine Management
- LPG Bottling Plants
- Water Works
- Pulp & Paper
- Fertilizers
- Textiles
- Sugar
- Nuclear & Atomic Power Stations
- Paints & Varnishes
- Soaps & Detergents
- Slurry & Ash handling
- Food & Oil Industry
- Effluent & Water Treatment

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



Ship Yards & Marine Management
Thermal Power Station
Dyes & Intermediates

Marine Tankers- Ship Building

Military Application

Foundary

Process & Chemical

Pulp & Paper Plants

Off Shore Plants

Water Treatment – Purification

Food Plants

Tobacco Industries

Steel & metal Plants

Chemical and Dyeing Fluids in Textile Processing

Solvent Extraction Plants

Nuclear & Atomic Power Stations



*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	
INDONESIA	SOUTH AFRICA	
IRAN	SRI LANKA	
IRAQ	TAIWAN	
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	

www.airaindia.com



IBR

CE



ISO 9001 : 2015
BUREAU VERITAS
Certification



Mfg. & Mkt by
aira Euroautomation pvt. ltd.
INDIA

www.airaindia.com