

Your Solution Partner In
Industrial Valve Automation...



Double Eccentric Off-Set Disc Double Flange **BUTTERFLY VALVE**



Mfg. & Mkt by :

airaEuroautomation 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).

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QMS (Quality Management System)

ISO 9001 : 2015

EMS (Environment Management System)

ISO 14001 : 2015

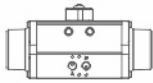
OHSAS (Occupational Health & Safety Management System)

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

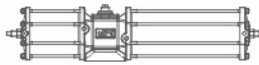
Pneumatic Actuator

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



Scotch & Yoke Actuator

CE / ATEX / SIL-3



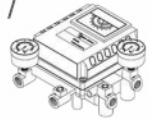
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

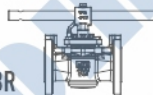
CE / CIMFR /
IP67 / BIS
/ PESO



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



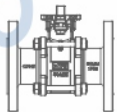
Limit Switch

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



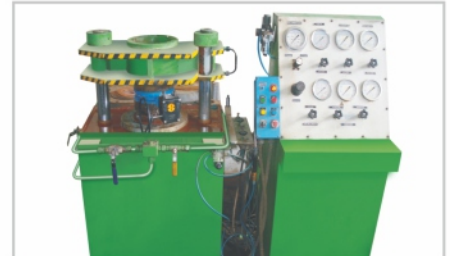
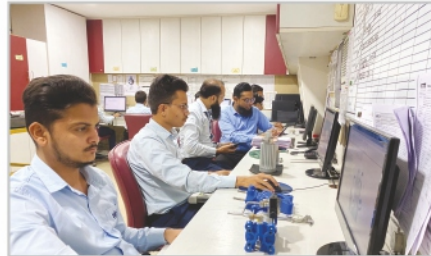
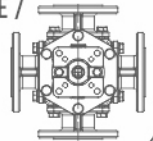
Butterfly Valve (centric / Double & Triple Eccentric)

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



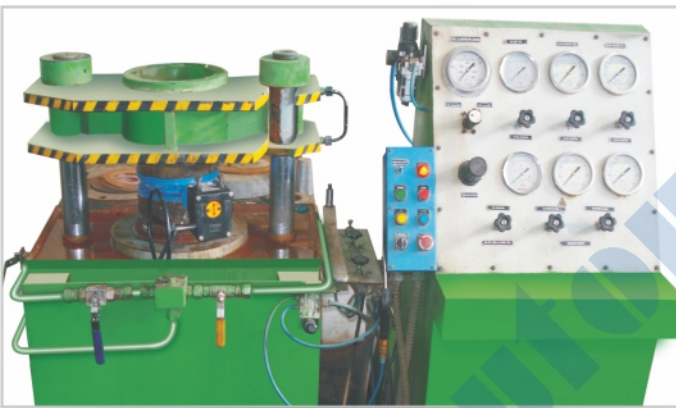
Multiport Ball Valve

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



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Company Profile



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Double Eccentric Off-Set Disc Double Flange Butterfly Valve 150#



"aira" Offers Double-offset wafer type butterfly valve (resilient-seated), available with long or short face-to-face length for use in most common flow control applications. Long service life, as the media does not come into contact with the bearing, and due to the wear-resistant, corrosion and infiltration-proof seat with weld overlay. Suitable for use water distribution, water treatment, pre-treated waste water, dams, power plants, industry and pressure management.

Size Range : 2.1/2" to 88" 150# (65 MM to 2200 MM)

Standard

■ Design And Manufacturer	: API 609 / BSEN 593 / IS 13095 / AWWA C - 504
■ Valve Face To Face Dimension	: API 609 (Short Pattern) / BSEN 558 (Short Pattern) IS 13095 (Short Pattern)
■ Flange Standard Conformity	: ASME B16.5 Class 150 (Upto 24") ASME B16.47 Series "A" Class 150 (26" to 48"), IS1538, BS 4504, IS 6392
■ Inspection & Testing	: API 598 / BS 6755 / BS EN 12266 - 1
■ Pressure Temperature Rating	: ASME B16.34
■ Top Flange Dimensions	: Bolt Hole ISO 5211
■ Stem Dimensions	: Square Drive To ISO 5211
■ Leakage Class	: Class VI As Per ASME B 16, 16.104 / FCI - 70 - 2, ISO 5208

Pressure / Temperature Rating

Pressure Rating	150# / PN 10 / PN 16 (PN 25 / PN 40 On Req.)
Operating Temperature	NBR -10 °C to +90 °C / EPDM -20 °C to +120 °C VITON -0 °C to +220 °C

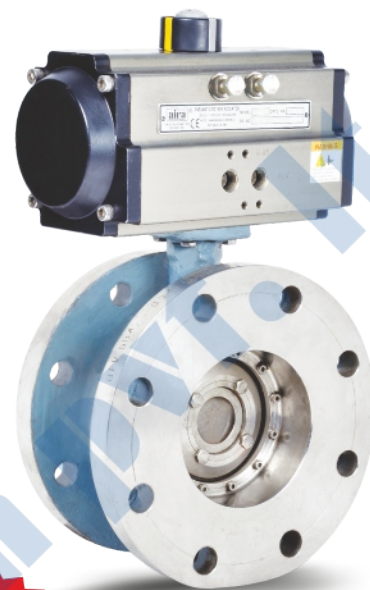
Accessories

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - On Request)
- Pneumatic & Electro-Pneumatic valve positioner
- Decutchable Manual Over - Ride
- Limit Switches for On / Off Indication at Panel Board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

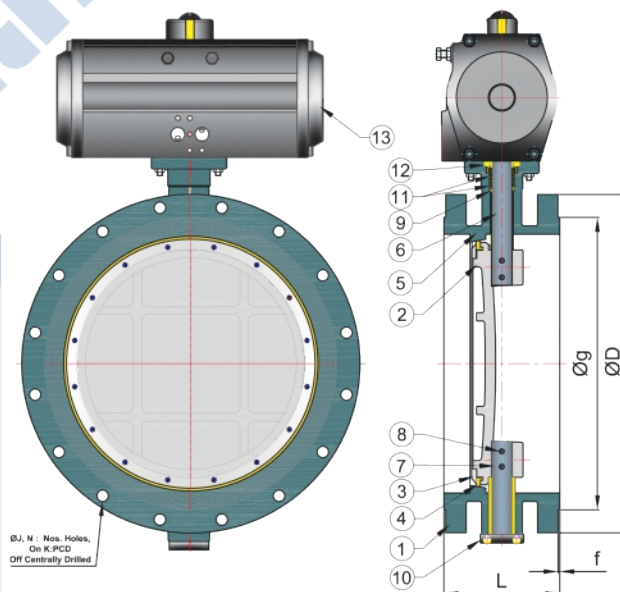
Dimensions : 150#

Valve Model	Valve Size	L	API 609	ØD	Øg	f	ØJ	N	K:PCD
MM	Inch	API 609							
BOD - 65	65	2.1/2"	112	180	104.8	2	19.05	04	139.7
BOD - 80	80	3"	114	190	127	2	19.05	04	152.4
BOD - 100	100	4"	127	230	157.2	2	19.05	08	190.5
BOD - 125	125	5"	140	255	185.7	2	22.2	08	215.9
BOD - 150	150	6"	140	280	215.9	2	22.2	08	241.3
BOD - 200	200	8"	152	345	269.9	2	22.2	08	298.5
BOD - 250	250	10"	165	405	323.8	2	25.4	12	362
BOD - 300	300	12"	178	485	381	2	25.4	12	431.8
BOD - 350	350	14"	190	535	412.8	2	28.6	12	476.3
BOD - 400	400	16"	216	595	469.9	2	28.6	16	539.8
BOD - 450	450	18"	222	635	533.4	2	31.75	16	577.9
BOD - 500	500	20"	229	700	584.2	2	31.75	20	635
BOD - 600	600	24"	267	815	692.2	2	34.9	20	749.3
BOD - 650	650	26"	292	870	749	2	34.9	24	806.4
BOD - 700	700	28"	292	925	800	2	34.9	28	863.6
BOD - 750	750	30"	318	985	857	2	34.9	28	914.4
BOD - 800	800	32"	318	1060	914	2	41.3	28	977.9
BOD - 850	850	34"	324	1110	965	2	41.3	32	1028.7
BOD - 900	900	36"	330	1170	1022	2	41.3	32	1085.8
BOD - 1000	1000	40"	410	1290	1124	2	41.3	36	1200.2
BOD - 1050	1050	42"	410	1345	1194	2	41.3	36	1257.3
BOD - 1100	1100	44"	410	1405	1245	2	41.3	40	1314.4
BOD - 1200	1200	48"	470	1510	1359	2	41.3	44	1422.4
BOD - 2000	2000	80"	457	2362.2	----	----	50.8	64	2260.6
BOD - 2200	2200	88"	590	2475	----	----	43	52	2390

[All Dimensions are in mm]



Fire Safe Design Available On Request



Sr. No.	Description	Material
1	Body	C.I. / WCB / CF8 / CF8M / D.I
2	Disc	WCB / CF8 / CF8M / D.I
3	Retainer	M.S. / CF8 / CF8M
4	Disc Seal Ring	NBR / EPDM / Viton
5	Body Seat Ring	S.S. 304 / 316
6	Shaft	S.S. 304 / 316 / 410
7	Stem Shaft	S.S. 304 / 316 / 410
8	Disc Pin	S.S. 304 / 316 / 410
9	Flange Side Washer	S.S. 304 / 316 / 410
10	Stem Square	M.S. / CF8 / CF8M
11	Gland Seal Set	PTFE / NBR / EPDM / Viton / RPTFE
12	Gland Plate	M.S. / CF8 / CF8M

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Double Eccentric Off-Set Disc Double Flange Butterfly Valve 300# & 600#



"aira" Offers Double-offset wafer type butterfly valve (resilient-seated), available with long or short face-to-face length for use in most common flow control applications. Long service life, as the media does not come into contact with the bearing, and due to the wear-resistant, corrosion and infiltration-proof seat with weld overlay. Suitable for use water distribution, water treatment, pre-treated waste water, dams, power plants, industry and pressure management.

Size Range : 2" to 24" Double Flange 300# & 600# (50 MM to 600 MM)

Pressure / Temperature Rating

Pressure Rating	150# (PN 10 / PN 16 / PN 25 / PN 40)
Operating Temperature	NBR : -10 °C to +90 °C
	EPDM : -10 °C to +90 °C
	Viton : -10 °C to +90 °C

Standard

- Design And Manufacturer : API 609 / BS 5155 / BS EN 593 / IS 13095 / AWWA C - 504
- Valve Face to Face Dimension : API 609 (Short Pattern) / BS EN 558 (Long Pattern) IS 13095
- Flange Standard Conformity : ASME / ANSI B 16.5 Class 300 & 600
- Inspection & Testing : API 598 / BS EN - 12266 - Part - 1

**Fire Safe
Design Available
On Request**

Accessories

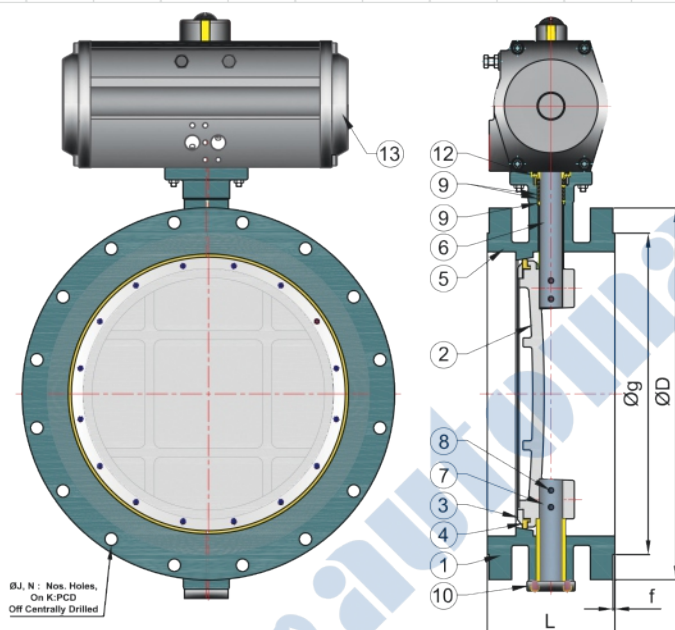
- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - On Request)
- Pneumatic & Electro-Pneumatic valve positioner
- Declutchable Manual Over - Ride
- Limit Switches for On / Off Indication at Panel Board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

Valve Size		Valve Torque 300#						VALVE TORQUE 600#				
MM	Inch	10 Bar N - m	20 Bar N - m	25 Bar N - m	35 Bar N - m	40 Bar N - m	50 Bar N - m	30 Bar N - m	40 Bar N - m	60 Bar N - m	80 Bar N - m	100 Bar N - m
80	3"	55	62	70	75	76	80	----	----	----	----	----
100	4"	72	89	104	111	114	125	----	----	----	----	----
125	5"	96	127	137	148	160	178	----	----	----	----	----
150	6"	126	138	178	194	205	220	600	700	850	1000	1300
200	8"	205	252	281	304	328	354	1000	1150	1400	1650	2100
250	10"	325	468	503	560	594	663	1650	1900	2300	2800	3800
300	12"	465	685	777	868	937	1005	2400	2850	3450	4100	4900
350	14"	747	1126	1461	1776	1836	2021	3400	4300	5350	6300	7500
400	16"	1065	1654	2020	2204	2448	2700	5000	6900	8900	9700	11500
450	18"	1346	2143	2458	2938	3183	3428	7000	9400	12000	14500	17000
500	20"	2014	3056	3590	3852	4244	4570	8700	12000	15000	18000	21000
600	24"	3052	4578	5223	5876	6464	6921	15000	21000	25700	30500	36000

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Double Eccentric Off-Set Disc Double Flange Butterfly Valve 300# & 600#

		Butterfly Valve CV Values 300#									Butterfly Valve CV Values 600#								
Valve Size		10°	20°	30°	40°	50°	60°	70°	80°	90°	10°	20°	30°	40°	50°	60°	70°	80°	90°
MM	Inch																		
80	3"	---	---	---	---	---	---	---	---	---	4	15.6	31.5	47.6	74.5	110	180	200	230
100	4"	---	---	---	---	---	---	---	---	---	8	27.9	56	90	130	190	310	350	400
125	5"	---	---	---	---	---	---	---	---	---	13.1	46	92	150	220	310	520	580	670
150	6"	17.4	61	120	190	290	420	680	770	870	19.9	70	140	220	330	480	780	890	1000
200	8"	27.2	100	200	300	460	640	1070	1200	1370	36.3	130	260	400	610	860	1430	1600	1830
250	10"	42	150	290	460	690	980	1630	1840	2090	56	200	390	620	920	1300	2170	2450	2780
300	12"	59	200	410	650	970	1390	2300	2600	2950	84	290	590	930	1400	1980	3290	3700	4200
350	14"	73	260	510	800	1200	1710	2840	3200	3640	100	370	730	1140	1700	2500	4060	4570	5200
400	16"	100	350	700	1100	1660	2360	39140	4410	5010	140	480	960	1500	2300	3220	5340	6020	6840
450	18"	120	440	870	1360	2040	2900	4810	5430	6170	1180	640	1260	2000	3000	4220	7000	7900	9000
500	20"	170	580	1160	1810	2720	3870	640	7250	8250	240	840	1680	2600	3950	5630	9300	10500	12000
600	24"	260	900	1800	2830	4250	6050	10000	11300	12900	380	1300	2630	4200	6200	8800	14600	16500	18700



No.	Description	Material
1	Body	WCB / CF8 / CF8M / D.I
2	Disc	WCB / CF8 / CF8M / D.I
3	Retainer	M.S. / CF8 / CF8M
4	Disc Seal Ring	NBR / EPDM / Viton
5	Body Seat Ring	S.S. 304 / 316
6	Shaft	S.S. 304 / 316 / 410
7	Stem Shaft	S.S. 304 / 316 / 410
8	Disc Pin	S.S. 304 / 316 / 410
9	Flange Side Washer	S.S. 304 / 316 / 410
10	Stem Square	M.S. / CF8 / CF8M
11	Gland Seal Set	NBR / EPDM / Viton
12	Gland Plate	M.S. / CF8 / CF8M

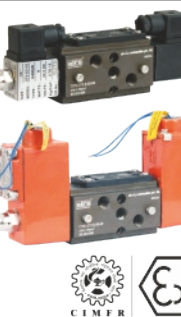
Dimensions :

Valve Model	Valve Size		300#							600#						
	MM	Inch	L	ØD	Øg	f	ØJ	N	K:PCD	L	ØD	Øg	f	ØJ	N	K:PCD
BOD - 50	50	2"	150	165	92.1	2	19.05	08	127	---	---	---	---	---	---	---
BOD - 65	65	2.1/2"	170	190	104.8	2	22.2	08	149.2	---	---	---	---	---	---	---
BOD - 80	80	3"	180	210	127	2	22.2	08	168.3	180	210	127	7	22.2	08	168.3
BOD - 100	100	4"	190	255	157.2	2	22.2	08	200.0	190	275	157.7	7	25.4	08	215.9
BOD - 125	125	5"	210	280	185.7	2	22.2	08	234.9	210	330	185	7	28.6	08	266.7
BOD - 150	150	6"	210	320	215.9	2	22.2	12	269.9	210	355	216	7	28.6	12	292.1
BOD - 200	200	8"	230	380	270	2	25.4	12	330.2	230	420	270	7	32.0	12	349.2
BOD - 250	250	10"	250	445	323.8	2	28.6	16	387.35	250	510	324	7	35.0	16	431.8
BOD - 300	300	12"	270	520	381	2	31.75	16	450.9	270	560	381	7	35.0	20	489.5
BOD - 350	350	14"	290	585	412.75	2	31.75	20	514.35	290	605	413	7	38.1	20	527.0
BOD - 400	400	16"	310	650	469.9	2	35.0	20	571.5	310	685	470	7	41.15	20	603.2
BOD - 450	450	18"	330	710	533.4	2	35.0	24	628.6	330	745	533.4	7	44.45	20	654.0
BOD - 500	500	20"	350	775	584.2	2	35.0	24	685.8	350	815	584.2	7	44.45	24	723.9
BOD - 600	600	24"	390	915	692.15	2	41.3	24	812.8	390	940	692.2	7	50.8	24	838.2

(All Dimensions are in mm)

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Model : APP-1200-L APP-1200-R     	"aira" Rotary / Liner Type Pneumatic - Pneumatic Valve Positioner Input Signal : 3 ~ 15psi (0.2-1.0 kgf/cm²) Supply Air Pressure : 100 psi Max. (7.0 kgf/cm²) Standard Stroke : 10 ~ 80mm Air Piping Connection : 1/4" NPT (F) Temperature : -20 °C to 70 °C Pressure Gauge : Stainless Steel Explosion-Proof : Ex 'd' II CT6 Degree of Protection : IP66 Pressure Gauge : Stainless Steel 0-2 kg/cm² 0-4 kg/cm² / 0-10 kg/cm² Output Characteristics : Rotary Linearity : Within ± 1.0% F.S. Sensitivity : Within 0.2% F.S. Hysteresis : Within 0.2% F.S. Repeatability : Within ± 0.75% F.S. Air Consumption : 5.0 LPM (1.4 kg/cm²) Supply Flow Capacity : 80 LPM (1.4 kg/cm²) Supply Material : Aluminium Die cast Body Weight : 1.8 Kg. (Approx)	Model : AEP-1000-L AEP-1000-R     	"aira" Rotary / Liner Flameproof cum Weatherproof Electro Pneumatic Valve Positioner Input Signal : 4~20 mA DC Input Resistance : 235 ±15 Supply Air Pressure : 20 ~ 100psi (7.0 kg/cm²) Standard Stroke : 10 ~ 80mm Air Piping Connection : 1/4" NPT (F) Conduit Connection : 1/2" NPT (F) Explosion-proof : Ex 'd' II CT6 Degree of Protection : IP66 Temperature : -20 °C to 70 °C Pressure Gauge : Stainless Steel 0-2 kg/cm² 0-4 kg/cm² / 0-10 kg/cm² Output Characteristics : Rotary Linearity : Within ± 1.0% F.S. Sensitivity : Within 0.2% F.S. Hysteresis : Within 0.75% F.S. Repeatability : Within ± 0.5% F.S. Air Consumption : 5.0 LPM (1.4 kg/cm²) Supply Flow Capacity : 80 LPM (1.4 kg/cm²) Supply Material : Alluminium Die Cast Body Weight : 2.8 Kg. With a terminal box
 	"aira" Weatherproof Micro Limit Switch Box Dom Indicator Type On/Off Indicator Type : Mechanical Switch X 2 / Proximity Sensors P&F Make Model : LA4 - FLP - 01 Switch : Honeywell V15 / Honeywell V15 / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC) Type : 1 NO + 1 NC / 2 NO + 2 NC Switch Rating : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A Enclosure Protection : IP 67 Temperature : -20 °C ~ 80 °C Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5) Terminal Mounting : 8 Points Bracket : Namur VDI / VDE 3845, ISO 5211 Material : Aluminum Pressure Die Cast	    	"aira" Flameproof Limit Switch Box Type : Mechanical Switch X 2 / Proximity Sensors P&F Make Model : MLS - BX - FLP - 01 Switch : Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC) Type : 1 NO + 1 NC / 2 NO + 2 NC Switch Rating : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A Enclosure Protection : IP 67 Temperature : -20 °C ~ 80 °C Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5) Terminal Mounting : 8 Points Bracket : Namur VDI / VDE 3845, ISO 5211 Material : Aluminum Pressure Die Cast
 	"aira" Flameproof Micro Limit Switch Box with Stainless Steel 304 / 316 Type : Mechanical Switch X 2 / Proximity Sensors P&F Make Model : LS4 - FLP-01 Switch : Honeywell V15 / Honeywell V15 PCB Type / NJ2-V3-N (Upto 8V) / NBB3-V3-Z4 (Upto 10 to 60 VDC) Type : 1 NO + 1 NC / 2 NO + 2 NC Switch Rating : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A Enclosure Protection : IP 67 Temperature : -20 °C ~ 80 °C Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5) Terminal Mounting : 8 Points Bracket : Namur VDI / VDE 3845, ISO 5211 Material : Stainless Steel 304 / 316	  	"aira" Weatherproof Limit Switch Box Type : Mechanical Switch X 2 / Proximity Sensors P&F Make Model : MMLS - BX - WP - 01 Switch : Honeywell ZM / NJ2 - V3 - N (Upto 8 Voltage) / NBB - V3 - Z4 (Upto 10 to 60 VDC) Type : 1 NO + 1 NC Switch Rating : AC 250V 3A, 125V 5A & DC 250V 0.2A, 125V 0.4A, 30V 4A Enclosure Protection : IP 67 Temperature : -20 °C ~ 80 °C Conduit Entry : NPT 1/2" (PT 1/2", PF 1/2, M20, PG 13.5) Terminal Mounting : 8 Points Bracket : Namur VDI / VDE 3845, ISO 5211 Material : Aluminum Pressure Die Cast

	“aira” 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" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) MOC : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR <i>This 3/2 Namur is suitable for actuator model : 5412-S / ARA-49S / ARA-50S</i>		“aira” 3/2 & 5/2 Way Convertible Poppet Type Single Namur Solenoid Valve Model : OTX - PPT - 32 / OTX - PPT - 52 Coil Voltage : All Std. Voltage Available Frequency : 50 - 60 Hz Connection Type : 1/4" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) MOC : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR
	“aira” 3/2 & 5/2 Way Convertible Poppet Type Double Namur Solenoid Valve Model : 20TX - PPT - 52 Coil Voltage : All Std. Voltage Available Frequency : 50 - 60 Hz Connection Type : 1/4" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) MOC : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR		“aira” 3/2 & 5/2 Way Convertible Spool Type Single Namur Solenoid Valve Model : AMV-NAM-220 Coil Voltage : All Std. Voltage Available Frequency : 50 - 60 Hz Connection Type : 1/4" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) Body Material : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR
	“aira” 3/2 & 5/2 Way Convertible Spool Type Double Namur Solenoid Valve Model : 2AMV-NAM-220 Coil Voltage : All Std. Voltage Available Frequency : 50 - 60 Hz Connection Type : 1/4" (BSP / NPT) Conduit : PF 1/2" Coil Insulation Grade : Class "F" Temperature : -20 °C ~ 70 °C (-4 ~ 158 °F) Body Material : Aluminium Seals : NBR (Viton On Request) Working Pressure : Upto 8 BAR		“aira” AJ Series 3/2 Way Direct Acting Solenoid Valve (Normally Open & Closed) Model : AJDS-09-202 Size : 1/4" BSP Body : Aluminum Pressure Die Cast Orifice : 2 MM Pressure : 7 Kg/cm² / 10 Kg/cm² Temp. : Upto 50 °C Leakage : Bubble Tight Frequency : 50 ~ 60 Hz Coil Insulation Grade : Class "F" Media : Air (Filtered & Lubricated) Voltage : All Std. Voltage Available
 (4FQ / 8FQ) (FRJ)	“aira” Filter + Regulator Air Combination Model : 4FQ / 8 FQ / FRJ Air Connection : 1/4" BSP Max. Supply Pressure : 4FQ: 0.5 to 4 Kg/cm² 8FQ: 0.5 to 8 Kg/cm² 1 to 9 Kg/cm² Gauge Connection : 1/8" Ambient Temperature : -20 °C ~ 120 °C (High Temp.) -40 °C ~ 120 °C (low Temp.) Mini Filtering Size : 5 Micron Material : Aluminium Pressure Die Cast		“aira” Air Volume Booster Model : VLB Size : 1/4" to 1" BSP MOC : Aluminum / S. S. 304 / 316 Seals : NBR Max. Supply Pressure : Max. 1Mpa (10 Bar) Max. Output Pressure : Max. 0.7 Mpa (7 Bar) Temperature : -20 °C ~ 70 °C (Standard) -20 °C ~ 120 °C (High) -40 °C ~ 70 °C (Low) Linearity : 1 : 1 Hysteresis : 1%
 DALV SALV	“aira” Single & Double Air Lock Valve Model : SALV / DALV Material : Aluminum / Stainless Steel 304 Max. Supply Pressure : Max. 10.2 Kg/cm² (142 PSI) Max. Single Pressure : Max. 7.1 Kg/cm² (1000 PSI) Setting Pressure Range : 1.4-7.1 Kg/cm² (20 ~ 100 PSI) Flow Capacity (Cv) : 0.9 In/Output Port Connection : 1/4" NPT Signal Port Connection : 1/4" NPT Differential Pressure : Below 0.1 Kg/cm² (1.4 PSI) Hysteresis : 1% ambient Temp. : -20 °C ~ 70 °C		“aira” Manual Override Clutch Type (MO) Model : AMO Torque : 200 Nm to 10000 Nm Body : Aluminum Pressure Die Cast / S. G. Iron Lever Wheel : Stainless Steel Hand Wheel : S. S. / M. S. (Fabricated)

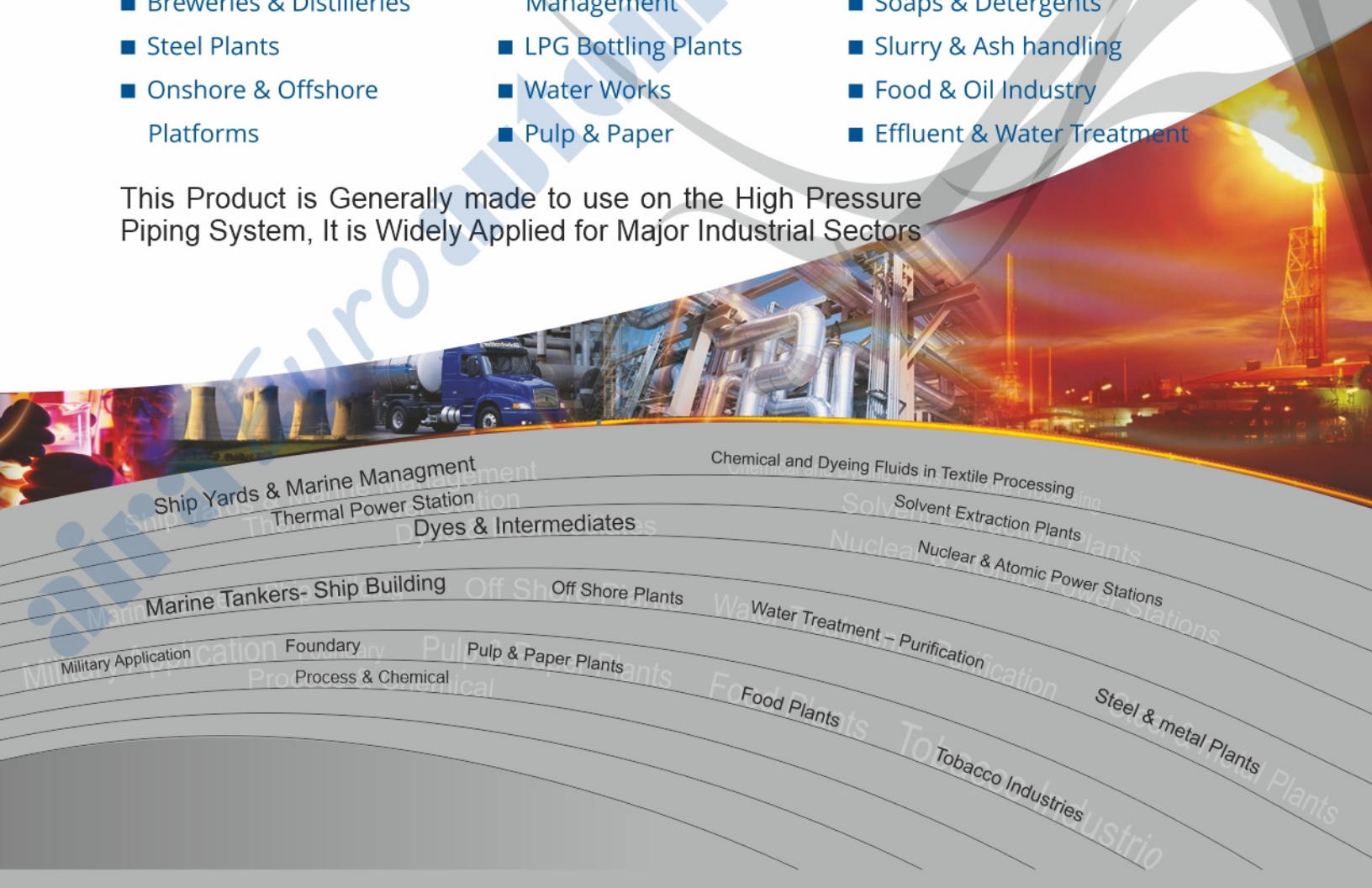
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