

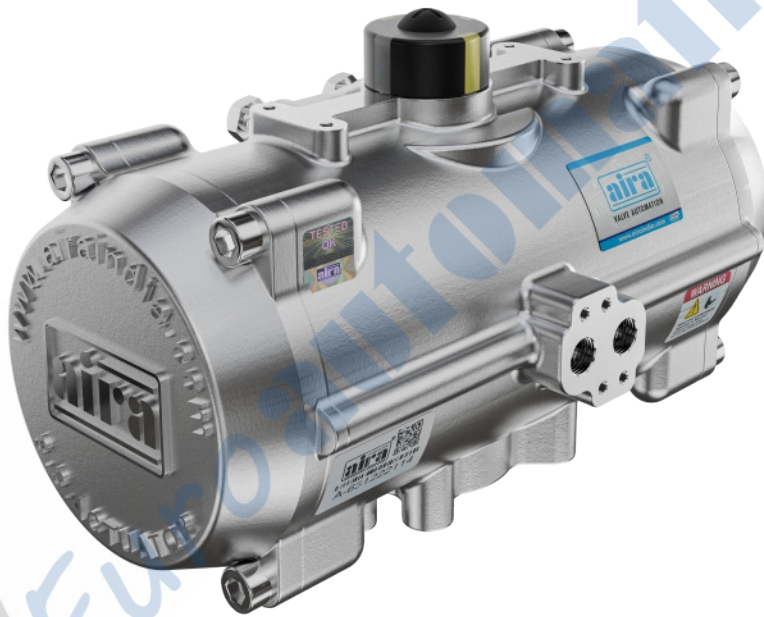
Your Solution Partner in
Industrial
Valve
Automation...



ISO 5211 Standard

STAINLESS STEEL

Single Acting Pneumatic Rotary Actuator



Introduced for the
1st time in India

Made in India
316 stainless steel
actuators and accessories



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 know 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. Out 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

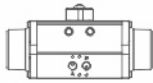
OHSAS (Occupational Health & Safety Management System)

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

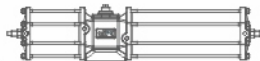
Pneumatic Actuator

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



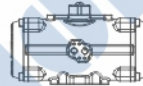
Scotch & Yoke Actuator

CE / ATEX / SIL-3



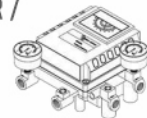
Stainless Steel Actuator

CE /
IEP ATEX



Positioner Enclosure

CE / CIMFR /
IP67 / BIS
/ PESO



aira's
SOME OF OUR
Certificates

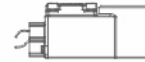
Plug Valve

FUGITIVE EMISSIONS
TEST
AS PER ISO
15848-1 / IBR



Flameproof Solenoid Valve

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



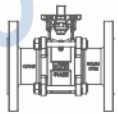
Limit Switch

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 / EXIDA SIL-3



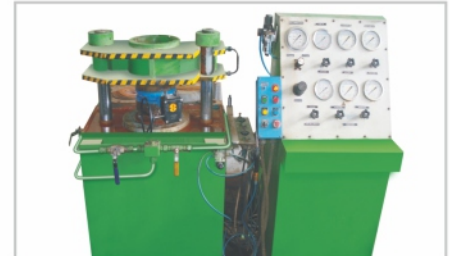
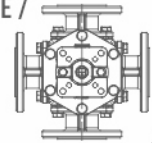
Butterfly Valve (centric / Double & Triple Eccentric)

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

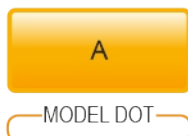


Multiport Ball Valve

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



For Example



Double Acting	Single Acting
45D	45S
65D	65S
85D	85S
125D	125S
165D	165S
215D	215S
315D	315S



Rotation	Code #2
90° Counter Clockwise	*
90° Clockwise	CW



Body Protection	Code
Electro Polished	*
Special Coating	@



Seals	Code
NBR	*
Viton	AV



Body & Pinion Material	Code
CF8M (SS 316)	*
Cf8 (SS 304)	8

Note	
Symbol	Indication
@	Contact Factory.
*	By Default, Donot Mention
#2	Available Only Single Acting Model.

Example - 1	DOT 165D8	DOT Model 165 Double Acting Actuator SS 304 Body
Example - 2	DOT 125S	DOT Model 125 Single Acting Actuator
Example - 3	DOT 85SCW8	DOT Model 85 Single Acting Actuator 90° Clockwise Rotation SS 304 Body

Design & Features

"aira" DOT Series pneumatic actuators are 100% stainless steel rack & pinion pneumatic actuators. Based on latest CNC machining centers & mechanical manufacturing are technology, and nearly 20 years know-how of the rack & pinion technology, this actuators we manufactured is a high grade product with the characteristics of reliability, high performance, long cycle life and already proved to be used in most corrosive chemicals as well as very harsh industrial atmospheres.



Excellent corrosion resistance.

All main parts of DOT series actuator and its accessories are made from stainless steel. The body and end-caps is made by investment casting stainless steel. The CF8 (304) and CF8M (316) are available for choice. The pinion and fastening are made by 304 or 316 on requiring. Nearly 20 years experience of application proved that this kind of stainless steel pneumatic is able to offer excellent resistance to most corrosive chemicals (such as acid, alkali) as well as corrosive industry atmospheres, such as offshore, oil and gas platform, pharmaceutical and food industry.



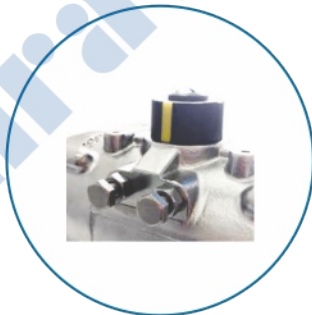
Wide scope of output torque.

Totally, we have 6 different size (specifications) actuators for choice. The output torque range is from 15Nm to 3815Nm at 5 Bar. The DOT-300 stainless steel actuator with 3815Nm is biggest one in the World now.



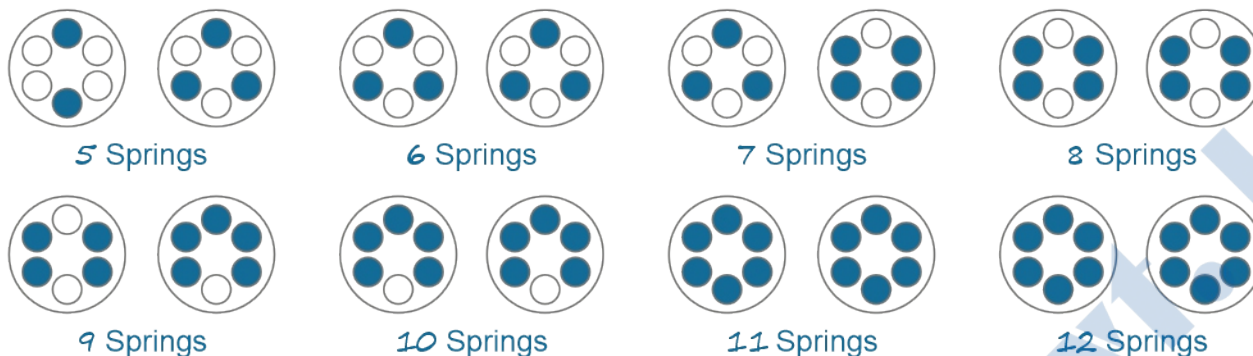
Smooth and long life operation .

High level manufacturing technology for the rack & pinion in our workshop allows this actuator not only to cycle more than 500,000 times free from failure but also to offer exceptionally smooth actuation due to the low friction generated during rotal operations.

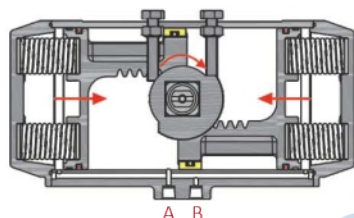


Flexible adjustment in travel ends.

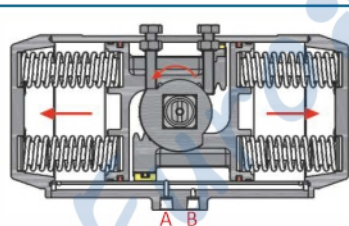
The two independent external travel stop bolts allow $\pm 5^\circ$ adjustment at 0° and 90° of the quarter travel.



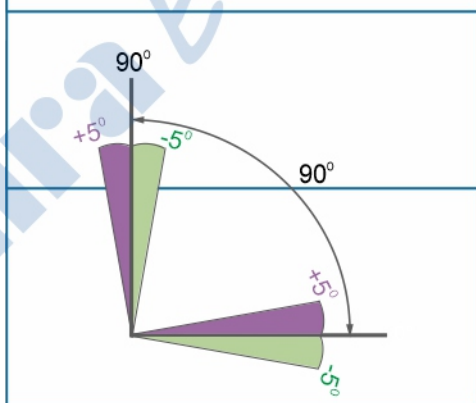
Spring Return (Fail Safe Closed)



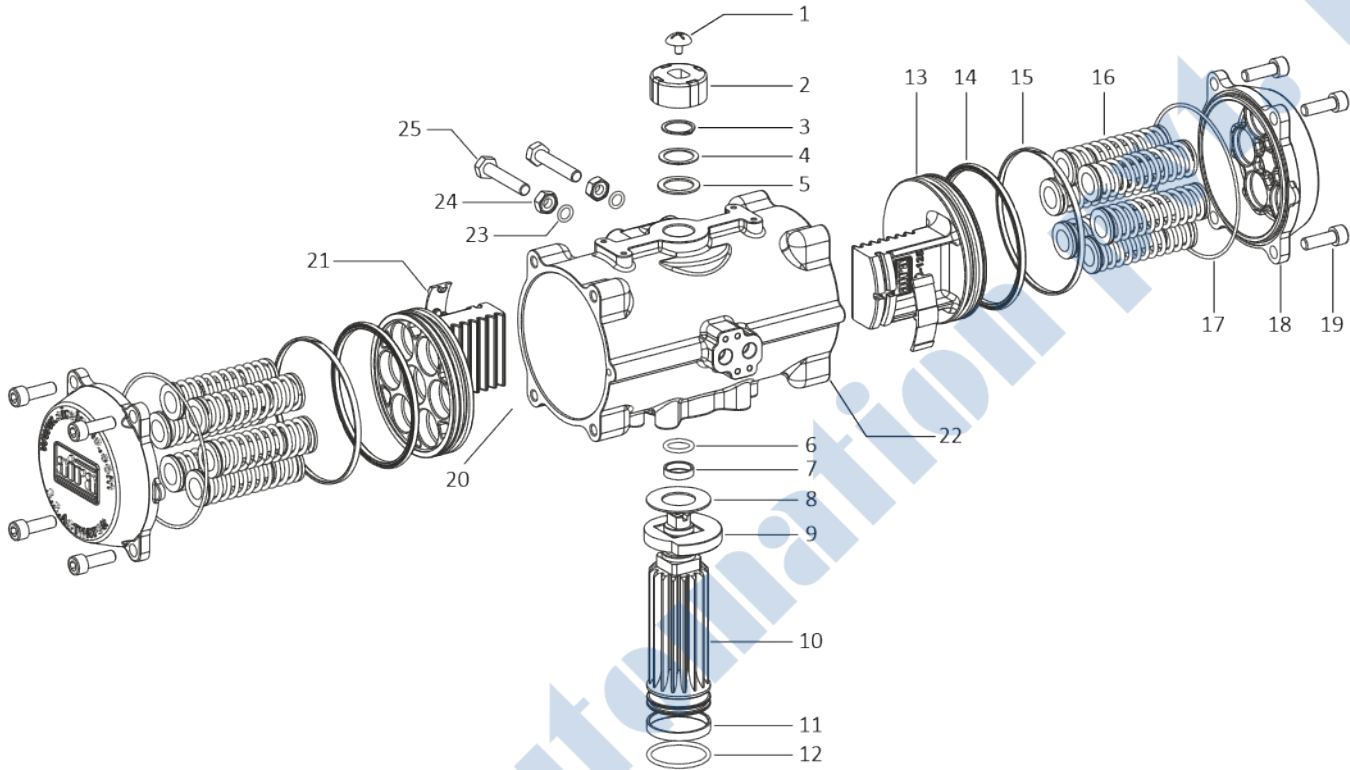
Upon loss of air pressure, the stored energy in the compressed springs forces the pistons inwards producing rotary motion with exhaust air at Port A. This "Fail safe" position is held by spring force until air pressure is reapplied to Port A.



By supplying air to Port A, pressure is applied to the centre chamber, forcing the dual pistons outward, compressing the springs in the outside chambers to produce a counterclockwise rotation. Exhaust air exits at Port B.



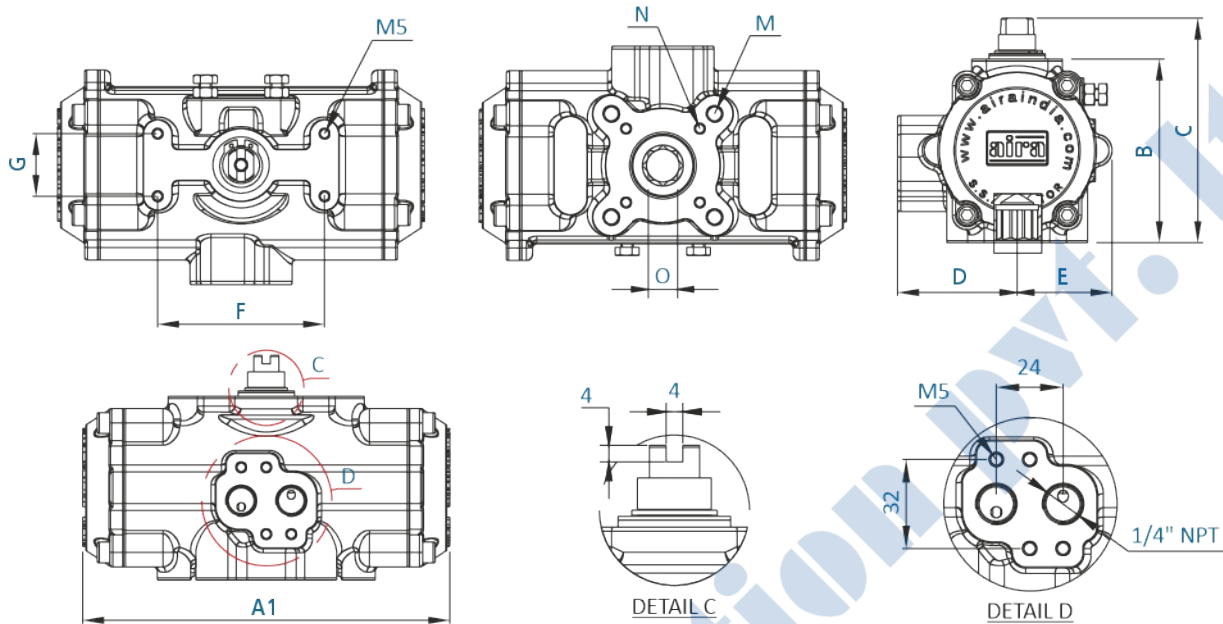
Stroke Adjustment :
Stroke Adjustment : Pinion stops allow $\pm 5^\circ$ adjustment at 0° and 90° .



No.	Description	Material	Qty.
1	Indicator Screw	Nylon + S.S	1
2	Indicator	Nylon	1
3	Circlip Shaft	ASTM A276 Type 316	1
4	Shaft Washer	ASTM A276 Type 316	1
5	Shaft Washer	Delrin	1
6	Shaft Up 'O' - Ring	Hi - Nitrile	1
7	Shaft Up Guide	Delrin	1
8	Adapter Washer	Delrin	1
9	Adaptor	S.S 316	1
10	Shaft	ASTM A276 Type 316	1
11	Shaft Low Guide	Delrin	1
12	Shaft Low 'O' - Ring	Hi - Nitrile	1
13	Piston	ASTM A351M Gr. CF8M	2
14	'O' - Ring (Piston 2D Seal)	Hi - Nitrile	2

No.	Description	Material	Qty.
15	Bearing (Piston Guide)	Nylon / Delrin	2
16	Spring	Spring Steel	0-12
	Bush For Spring	Nylon 66	
	Pipe For Spring	Stainless Steel / Brass	
17	End Cover for 'O' - Ring	Hi - Nitrile	2
18	End Cover	ASTM A351M Gr. CF8M	2
19	Fitting L. N. Bolt	ASTM A193 Gr. 8M	8
20	Bush for Air Bolt	NBR / L NBR / Viton	2
21	Scate Piston	Nylon / Delrin	2
22	Body	ASTM A351M Gr. CF8M	1
23	'O' Ring for Adjustable Bolt	Hi - Nitrile	2
24	Nut (Adjustable Screw)	Stainless Steel	2
25	Adjustable Screw	ASTM A193 Gr. 8M	2

Pneumatic Rotary Actuator Stainless Steel As Per ISO 5211

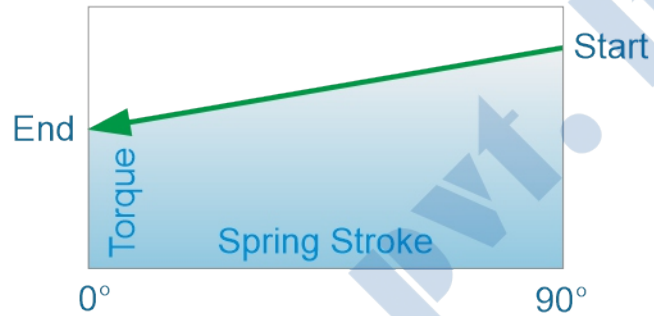
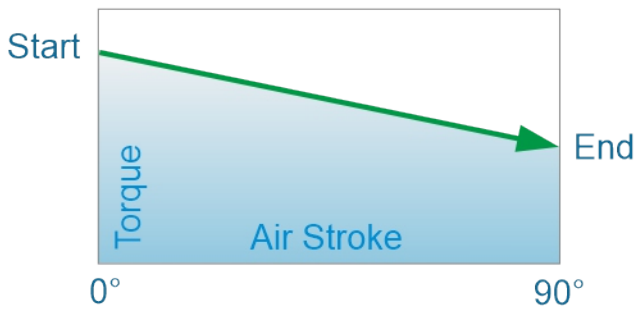


Unit : mm

Model	A1 Single Acting	B	C	D	E	F	G	M	N	O	Air Connection Port
DOT - 45	135	65	82	48	35	80	30	M6X50	M5X36	11X11	G1/4" - NPT
DOT - 65	176	88	108	57	46	80	30	M8X70	M6X50	14X14	G1/4" - NPT
DOT - 85	212	111	130	69	58	80	30	M8X70	M6X50	17X17	G1/4" - NPT
DOT - 125	305	155	175	88	77	130	30	M10X102	M8X70	27X27	G1/4" - NPT
DOT - 165	460	200	227	110	97	130	30	M12X125	M10X102	27X27	G1/4" - NPT
DOT - 215	766	254	283	143	134	130	30	M16X140	----	46X46	G1/4" - NPT
DOT - 315	790	354	375	195	180	130	30	M20X165	----	46X46	G1/4" - NPT

Output Torque (Nm)

Spring Return Actuators Output Torque (Nm)

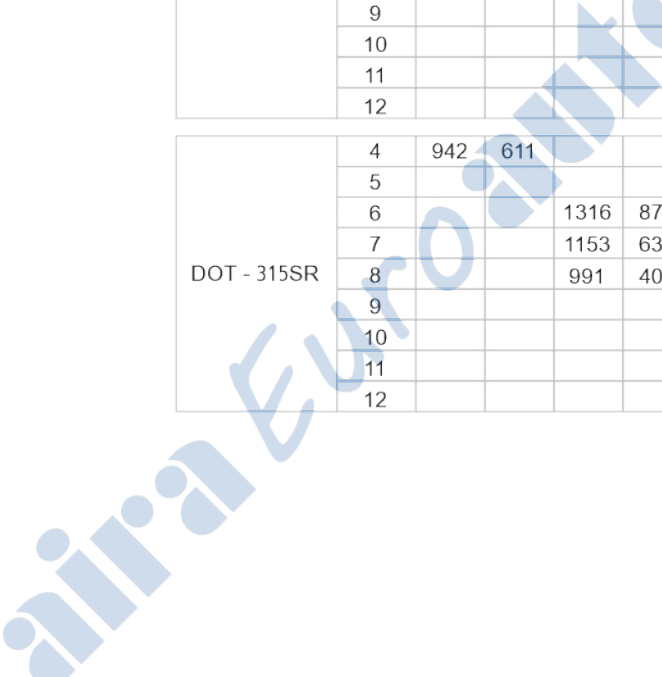


Output Air to Spring																Spring Return Output	
Air Pressure (Bar)		2		3		4		5		6		7		8		0°	90°
Valve Model	Spring Set	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End
DOT - 45SR	2			4.2	1.3	7.2	4.3	10.2	7.3							4.6	7.4
	3					6.0	2.4	9.0	5.4	12.0	8.4	15.0	11.4	18.1	14.5	5.8	9.2
	4	4.6	3.0	8.6	7.0			7.8	3.5	10.8	6.5	13.8	9.5	16.9	12.6	7.0	11.1
DOT - 65SR	4	9.2	6.3	16.5	13.6	23.8	20.9									5.4	8.3
	5			15.0	11.4	22.3	14.9									6.8	10.4
	6			13.6	9.3	20.9	16.6	28.3	23.9							8.2	12.5
	7			12.5	7.2	19.5	14.5	26.8	21.9							9.6	14.6
	8			10.9	6.1	18.2	12.4	25.5	19.8	32.8	27.0	40.1	34.3			10.9	16.7
	9					16.8	10.4	24.1	17.7	31.4	24.9	38.7	32.2			12.3	18.8
	10					15.5	8.2	22.8	15.6	30.0	22.8	37.3	30.1	44.7	37.4	13.7	20.9
DOT - 85SR	4	18.7	13.0	34.3	28.6	50.0	44.3									12.7	18.4
	5			31.1	24.0	46.8	37.9									15.8	23.0
	6			28.0	19.3	43.7	35.1	59.4	50.7							19.0	27.6
	7			24.8	14.8	40.5	30.5	56.2	46.2							22.1	32.2
	8			21.7	10.1	37.4	25.8	53.1	41.5	68.8	57.2	84.5	72.9			25.3	36.8
	9					34.2	21.3	49.9	37.0	65.6	52.6	81.2	68.3			28.5	41.4
	10					31.0	16.6	46.7	32.3	62.4	48.0	78.1	63.7	93.8	79.3	31.6	46.0
11							43.6	27.7	59.3	43.4	75.0	59.1	90.6	74.8	34.8	50.6	
12							40.4	23.2	56.1	38.9	71.7	54.5	87.4	70.2	38.0	55.6	

Pneumatic Rotary Actuator Stainless Steel As Per ISO 5211



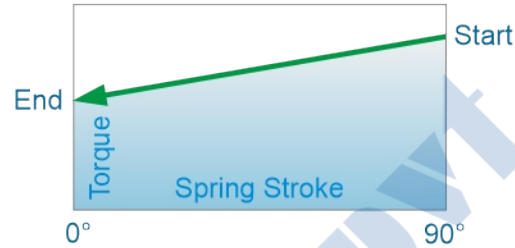
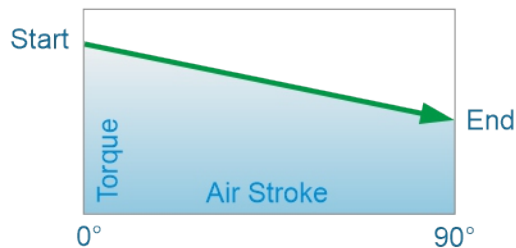
Air Pressure (Bar)		Output Air to Spring														Spring Return Output	
		2		3		4		5		6		7		8		0°	90°
Valve Model	Spring Set	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End
DOT - 125SR	4	59	37	109	87	159	137									42	63
	5			98	72	148	122									52	79
	6			88	56	138	107	188	157							63	94
	7			77	40	127	90	178	141							73	110
	8			67	25	117	75	167	125	217	176	268	226			84	125
	9					107	59	157	109	207	159	257	210			94	141
	10					96	44	146	94	196	144	247	194	297	245	105	157
	12								136	78	186	128	236	178	286	228	115
DOT - 165SR	4	154	100	278	233	420	366									112	166
	5			259	191	392	324									140	208
	6			232	149	365	282	498	415							168	250
	7			203	70	336	240	469	373							196	292
	8			176	66	309	199	442	332	575	465	708	598			223	333
	9					280	157	413	290	546	423	679	556			251	375
	10					253	115	386	248	519	381	652	514	785	647	279	417
	12							358	207	491	340	624	473	757	606	307	458
DOT - 215SR	4	312	228	578	494	844	760									220	304
	5			523	418	789	684									275	380
	6			468	342	734	608	1000	874							330	456
	7			413	266	679	532	945	798							385	532
	8			358	190	624	456	890	722	1156	988	1422	1254			440	608
	9					569	380	835	646	1101	912	1367	1178			495	684
	10					514	304	780	570	1046	836	1312	1102	1578	1368	550	760
	12							725	494	991	760	1257	1026	1523	1292	605	836
DOT - 315SR	4	942	611													584	849
	5															730	1061
	6			1316	875	1916	1402									876	1273
	7			1153	639	1754	1166									1022	1485
	8			991	403	1592	930	2517	1929							1168	1697
	9					1430	695	2355	1693	3118	2456					1314	1909
	10							2193	1458	2956	2221	3719	2984	4482	3747	1460	2122
	12							2030	1222	2793	1985	3556	2748	4319	3511	1606	2334
								1868	986	2631	1749	3394	2512	4157	3275	1752	2546



Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

Output Torque (in.lbs)

Spring Return Actuators Output Torque (Nm)



Output Air to Spring

Air Pressure (Psi)	Output Air to Spring																Spring Return Output	
	Spring Set	30		45		60		75		90		105		120		0°	90°	
Valve Model		0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	
DOT - 45SR	2			39	12	66	39	93	67							41	65	
	3					55	22	82	49	110	77	137	104	166	133	51	87	
	4							71	32	99	60	126	87	155	155	62	98	
DOT - 65SR	4	84	58	151	125	218	191									48	73	
	5			137	104	204	136									60	92	
	6			125	85	191	152									73	111	
	7			114	66	179	133									85	129	
	8			100	56	167	114	233	181							96	148	
	9					154	95	221	162	287	228					109	166	
	10					142	75	209	143	275	209	341	276	409	342	121	185	
	11							197	124	263	190	330	256	396	323	133	203	
12							183	104	250	170	317	237	384	305	145	221		
DOT - 85SR	4	171	119	314	262	458	406									112	163	
	5			285	220	428	347									140	204	
	6			256	177	400	321									168	244	
	7			227	135	371	279									196	285	
	8			199	92	342	236	486	380							224	326	
	9					313	195	457	339	601	482					252	366	
	10					284	152	428	296	571	439	715	583	859	726	280	407	
	11							399	254	543	397	687	541	829	685	308	448	
	12							370	212	514	356	656	499	800	643	336	489	

Pneumatic Rotary Actuator Stainless Steel As Per ISO 5211



Air Pressure (Psi)		Output Air to Spring														Spring Return Output		
		30		45		60		75		90		105		120		0°	90°	
Valve Model	Spring Set	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	
DOT - 125SR	4	540	339	998	797	1456	1254									372	558	
	5			897	659	1355	1117									460	699	
	6			806	513	1263	980	1721	1437							558	832	
	7			705	366	1163	824	1630	1291							646	974	
	8			613	229	1071	687	1529	1144	1987	1611	2454	2069			743	1106	
	9					980	540	1437	998	1895	1456	2353	1923			832	1248	
	10					879	403	1337	861	1794	1318	2261	1776	2719	2243	929	1389	
	11							1245	714	1703	1172	2161	1630	2618	2087	1018	1531	
	12							1144	577	1611	1035	2069	1492	2527	1950	1106	1664	
	DOT - 165SR	4	1410	916	2545	2133	3845	3351									991	1469
		5			2371	1749	3589	2966									1239	1841
		6			2124	1364	3342	2582	4559	3799							1487	2213
7				1859	64	3076	2197	4294	3415							1735	2584	
8				1611	604	2829	1822	4047	3040	5264	4257	6482	5475			1974	2947	
9						2563	1437	3781	2655	4999	3873	6216	5090			2221	3319	
10						2316	1053	3534	2270	4752	3488	5969	4706	7187	5923	2469	3690	
11								3278	1895	4495	3113	5713	4330	6930	5548	2717	4053	
12								3021	1511	4239	2728	5456	3946	6674	5164	2965	4425	
DOT - 215SR		4	2856	2087	5292	4523	7727	6958									1947	2690
		5			4788	3827	7223	6262									2434	3363
		6			4285	3131	6720	5566	9155	8002							2921	4036
	7			3781	2435	6216	4871	8652	7306							3407	4708	
	8			3278	1739	5713	4175	8148	6610	10583	9045	13019	11481			3894	5381	
	9					5209	3479	7645	5914	10080	8350	12515	10785			4381	6053	
	10					4706	2783	7141	5218	9576	7654	12012	10089	14447	12524	4868	6726	
	11							6638	4523	9073	6958	11508	9393	13943	11828	5354	7399	
	12							6134	3827	8569	6262	11005	8697	13440	11133	5841	8071	
	DOT - 315SR	4	8624	5594													5168	7514
		5															6461	9390
		6			12048	8011											7753	11266
7				10556	5850	17541	12836									9045	13142	
8				9073	3690	16058	10675	23044	17660							10337	15018	
9						14575	8514	21560	15500	28546	22485					11629	16895	
10						13092	6363	20077	13348	27063	20334	34048	27319	41033	34304	12921	18780	
11								18585	11188	25570	18173	32556	25158	39541	32144	14213	20656	
12								17102	9027	24087	16012	31073	22998	38058	29983	15505	22532	



Technical Data

Weight

Unit: Kg

Model	45	65	85	125	165	215	315
SA	2.1	3.96	6.8	13.95	31.7	80.0	198.1

Air Consumption

Unit: L

Model Action	45	65	85	125	165	215	315
OPEN	0.08	0.21	0.43	1.60	3.70	7.50	23.8
CLOSED	0.11	0.23	0.47	1.40	3.20	7.50	29.7

Air consumption depends on Air Supply. Air volume and Action cycle times, the calculating as follows:

$$L/Min = \text{Air volume (Air volume Opening + Air volume closing)} \times \left[\frac{\text{Air Supply (Kpa)} + 101.3}{101.3} \right] \times \text{Action cycle times (/min)}$$

Size	Spring Return													
	Spring Qty													
	3+3		3+4		4+4		4+5		5+5		5+6		6+6	
	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°
45SR	2.35	0.37	2.37	0.36	2.39	0.35	2.41	0.33	2.43	0.31	2.45	0.29	2.47	0.27
65SR	2.54	0.56	2.56	0.54	2.58	0.52	2.6	0.5	2.62	0.48	2.64	0.46	2.66	0.44
85SR	2.71	0.73	2.73	0.71	2.75	0.69	2.77	0.67	2.79	0.65	2.81	0.63	2.83	0.61
125SR	4.24	1.2	4.26	1.18	4.28	1.16	4.3	1.14	4.32	1.12	4.34	1.1	4.36	1.08
165SR	4.74	1.77	4.76	1.75	4.78	1.73	4.8	1.71	4.82	1.69	4.82	1.67	4.84	1.65
215SR	8.25	4.8	8.4	4.6	8.42	4.58	8.44	4.56	8.46	4.54	8.48	4.52	8.5	4.5
315SR	24	13.2	24.5	13	24.4	12.8	24.3	12.6	24.5	12.58	24.7	12.56	24.9	12.54

Operating Conditions

- Operating Media :**
Dry and Lubricated air, or non-corrosive gas.
The maximum particle diameter must be less than 40Pm.
- Air Supply Pressure :**
The minimum supply pressure is 2 Bar (30 psi).
The maximum supply pressure is 8 Bar (120 psi).
- Operating Temperature :**
Standard (NBR O - ring) : -20°C ~ 80 °C
(-4 °F ~ 175 °F)
Low Temperature (L NBR O-ring) : -35°C ~ 80 °C
(-30 °F ~ 175 °F)
High Temperature (Viton O-ring) : -15°C ~ 150 °C
(5 °F ~ 300 °F)
- Travel Adjustment :**
Have adjustment range of ±5° for the rotation at 0° and 90°.
- Lubricated :**
Under normal operating condition, need not accrete lubricant.
- Application :**
Either indoor or outdoor.
- Highest pressure :**
The maximum input pressure is 8 Bar (116 Psi).

Pneumatic Rotary Actuator Accessories

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 / 20TX-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 / AFR54
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)

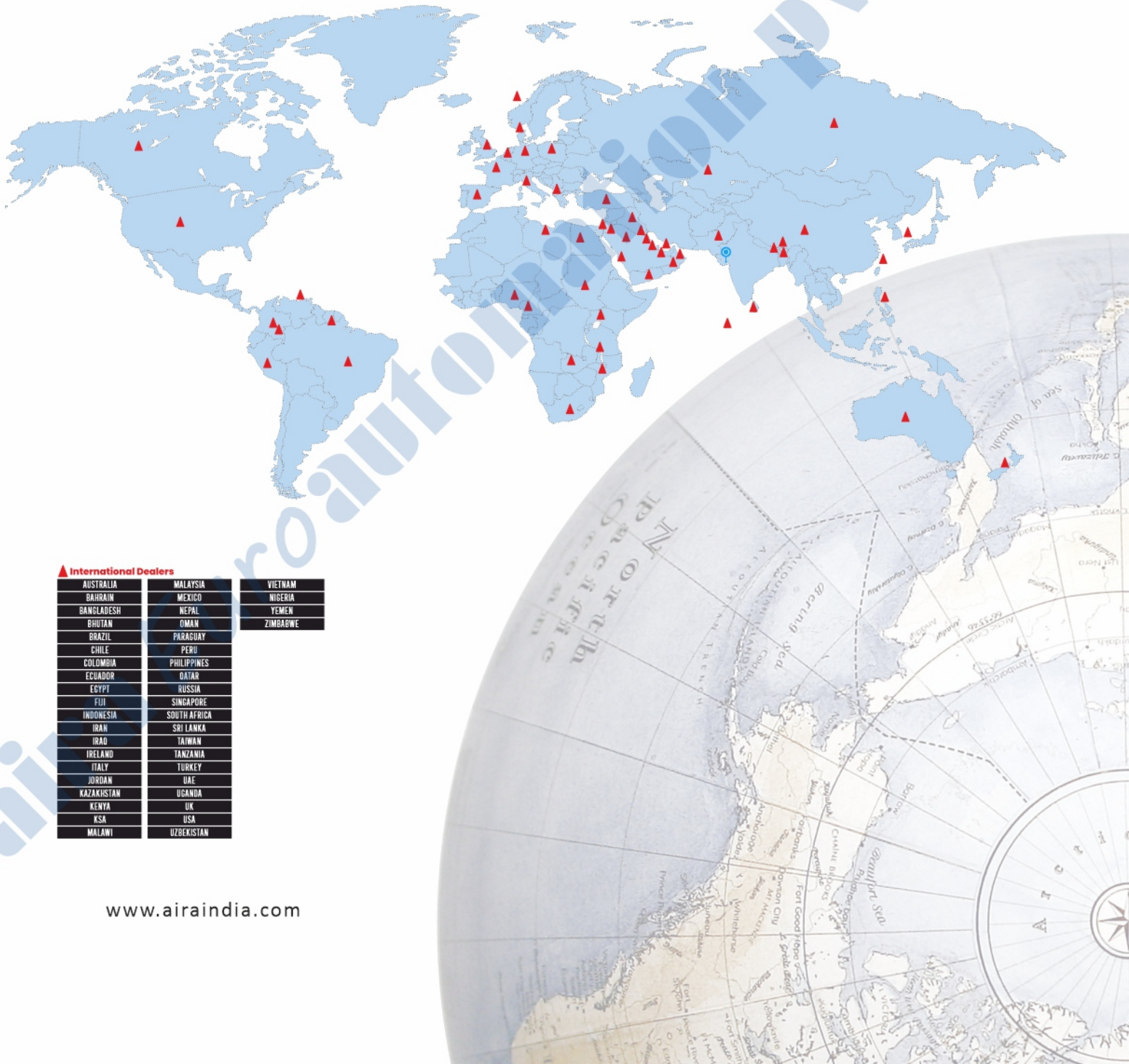


Model	: AMO
Torque	: 200 Nm to 10000 Nm
Body	: Aluminium Pressure Die Cast / S. G. Iron
Lever Wheel	: Stainless Steel
Hand Wheel	: S.S. / M.S. (Fabricated)



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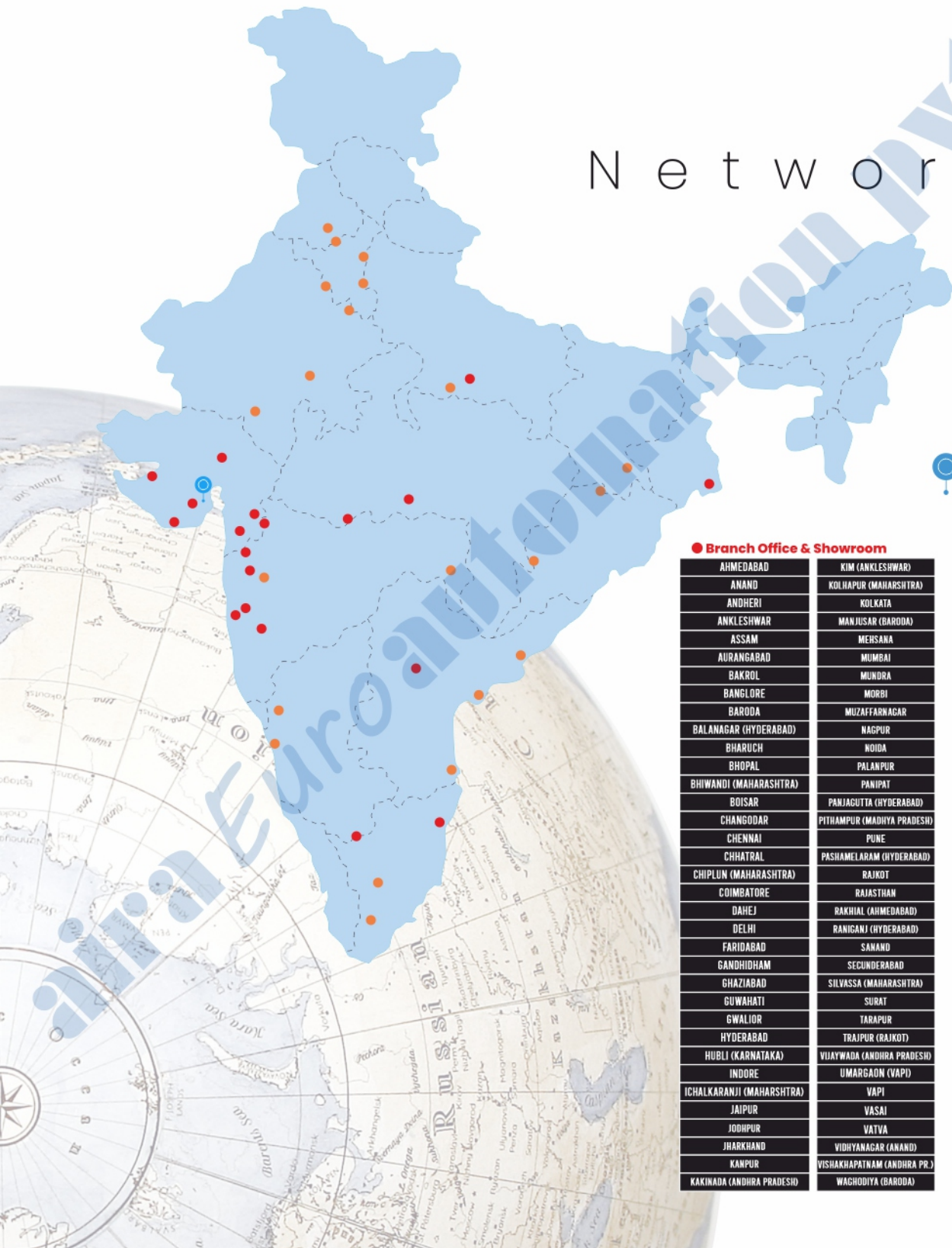
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