

用诚信打造脊梁 用质量铸就辉煌

In good faith to build the backbone Using quality molded glory

Kinko

浙江金藕流体设备有限公司
— ZHEJIANG KINKO FLUID EQUIPMENT CO., LTD. —

Kinko 浙江金藕流体设备有限公司
— ZHEJIANG KINKO FLUID EQUIPMENT CO., LTD. —

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www.kinko-flow.com



流体控制方案解决商
FLUID CONTROL SOLUTION PROVIDER

ABOUT US

关于我们

浙江金科流体设备有限公司是一家专业研制开发，生产各类气动执行器、气动蝶阀、气动球阀、电动执行器、电动蝶阀、电动球阀、电动调节阀、气动调节阀、气动角座阀、手动蝶阀、手动球阀、配气动执行器用手操机构、限位开关的研发、生产与销售于一体的国家级高新技术企业。

公司拥有国际先进的流水生产线，精密的数控加工中心以及完善的检测设备，并严格按照ISO9001国际质量标准体系组织生产，检验，销售和服务，确保产品质量，产品按ISO、DIN、3A、IDF、SYS、JIS和GB的工业标准生产，质量完全符合FDA/GMP规范要求。公司始终努力改进和创新管理模式以及生产管理程序，引进国际先进行业技术和设备，提高产品质量和售后服务。

公司为用户咨询、设计、选型、安装，解决各种控制方案，秉承“产品质量第一，用户至上”的企业理念，追求着力争高品质，追求高效管理，寻求科技发展的目标，积极打开“金科”品牌的国际化进程的脚步，始终以赢得客户的信任而奋斗。

金科愿与各界朋友共同努力，为自动化阀门行业水平的提高做出我们的贡献！欢迎国内外客户光临指导，联系业务，建立长期关系。



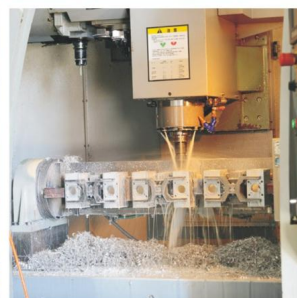
BUILDING THE BACKBONE WITH INTEGRITY
BRILLIANCE WITH QUALITY
用**诚信**打造脊梁 用**质量**铸就辉煌

"ZHEJIANG KINKO FLUID EQUIPMENT CO., LTD." is a professional research and development, Manufacture various kinds of pneumatic actuators, pneumatic butterfly valves, pneumatic ball valves, electric actuator, electric butterfly valves, electric ball valves, electric control valve, pneumatic control valve, pneumatic angle seat valve, manual butterfly valve, manual ball valve, Gear box, limit switch box .which production and sales in one of the state-level high-tech enterprises.

The company has international advanced assembly line, precision CNC machining centers as well as perfect testing equipment, and in strict accordance with ISO9001 international quality standard system of organizing production, testing, sales and service, to ensure product quality, product by ISO, DIN, 3A, IDF, SYS, JIS and GB standard ,the quality of full compliance with FDA / GMP requirements. Companies always try to improve and innovation management method and production management procedures, introduction of international advanced technology and equipment, improve product quality and after-sales service.

We do for the user "consulting, design, selection, installation", to solve all kinds of control trouble, adhering to the "quality first, customer first" corporate philosophy, the pursuit of the strive to high quality, the pursuit of efficient management, to seek the goal of science and technology development, Creating the "KINKO" international brand, always strive to win the trust of customers.

"KINKO" People warmly welcome customers to visit our company ! Establish a long-term relationship.



PRODUCTION EQUIPMENT

生产装备

以雄厚的技术力量、精良的设备、完善的工艺不断为顾客提供优质产品。
To The Abundant Technical Force, Excellent Equipment, Perfect Technology To Provide Customers With Quality Products Constantly.



APPLICATION FIELD

应用领域

产品广泛应用于

石油、化工、冶金、制药、电力、矿业、环保、市政、生化、水利、给排水及供热等行业。

It is widely used in petroleum, chemical, metallurgy, pharmaceutical, power, mining, environmental protection, municipal, biochemical, water conservancy, water supply and drainage, and heating industries.



Petroleum
石油



Chemistry
化工



Electricity
电力



Metallurgy
冶金



Environmental
环保



Municipal
市政



Biochemistry
生化



Hydraulic
水利



2



气动执行器及阀门系列

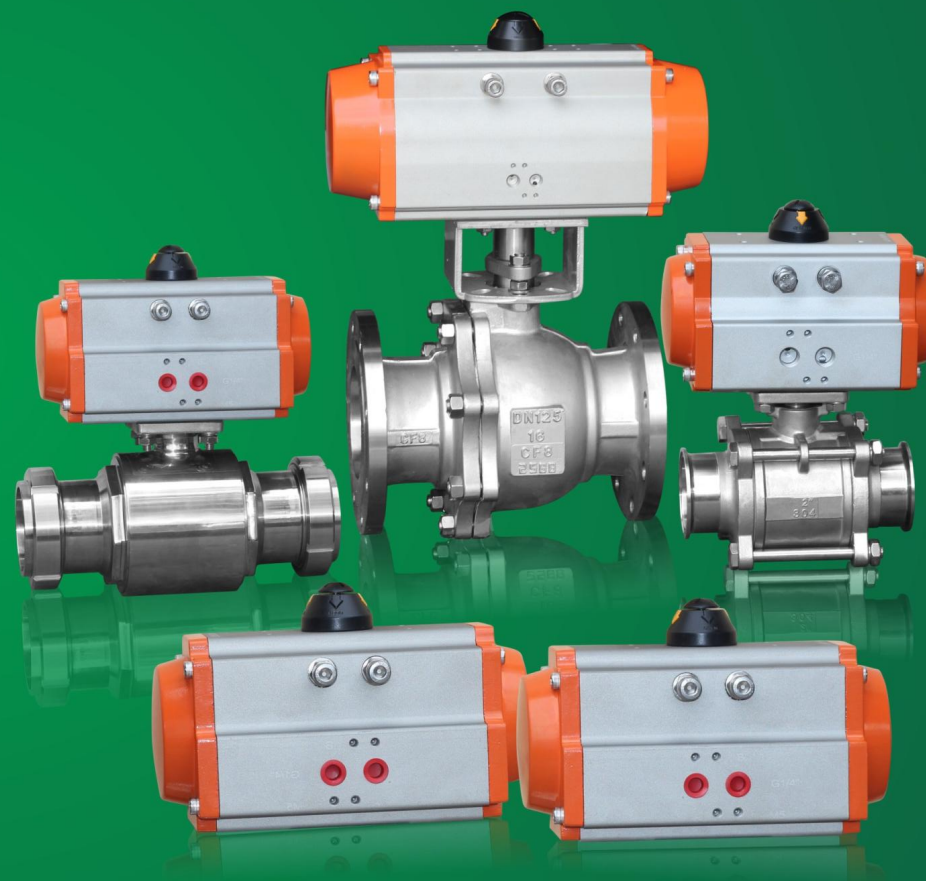
PNEUMATIC ACTUATORS AND VALVE SERIES

专业生产 品质保证

Professional production, quality assurance



铸造辉煌，唯有品质
Casting brilliant, only has the quality

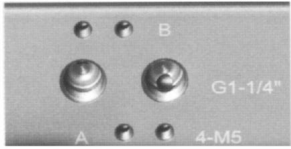


工作技术条件

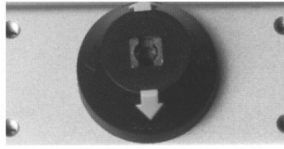
- 1.工作介质:
干燥或润滑的空气或无腐蚀性气体介质中杂质微粒小于30μm.
- 2.气源压力:
3bar~8bar.
- 3.介质环境温度:
标准: -20°C ~ +80°C
低温: -40°C ~ +80°C
高温: -20°C ~ +160°C
- 4.行程调节:
0°和90°两个位置
有±5°的调节范围
- 5.使用场合: 室内或室外安装

动作形式 Operating type:

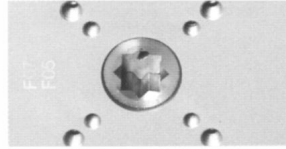
双作用和单作用 Double acting and spring return



气源接口符合 NAMUR 标准, 可简单方便地安装电磁阀。
Air supply connection is designed in accordance with NAMUR Standard to install solenoid valves.

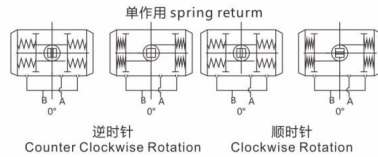
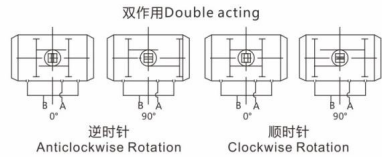


输出轴的NAMUR标准槽和缸体上部标准安装孔, 可使限位开关、定位器直接吻合和安装。
The Namur drive pinion and the Namur top mounting connection permit direct installation of accessories such as limit switch box and positioner.



底部安装孔设计符合ISO5211、DIN3337标准, 可以直接安装装离合器(气动手轮机构)或安装机架。
Bottom mounting connection is designed in accordance with ISO5211 and DIN3337 standards for direct mounting with valve gear boxes or mounting brackets.

工作原理 Working Principle



单作用执行器弹簧位置

Spring positions of Spring Return Actuators



Operating conditions:

- 1.Operating media:
Dry or lubricated air, or the non-corrosive gasses
the maximum particle diameter must less than 30μm
- 2.Air supply pressure:
3bar~8bar
- 3.Operating temperature:
Standard: -20°C ~ +80°C
Low temperature:-40°C ~ +80°C
High temperature: -20°C ~ +160°C
- 4.Travel adjustment:
Have adjustment range of ±5°for the rotation at 0°and 90°
- 5.Use occasions:Indoor or outdoor installation

双作用执行器输出扭矩(单位:Nm) Double Acting Actuator Output Torque(Unit:Nm)

型号 Model	输入气源压力 (单位: 巴) Input air supply pressure (unit:Bar)						
	2	3	4	5	6	7	8
JAT32D	3.1	4.7	6.2	7.8	9.4	11	12.5
JAT52D	8.5	12.7	17	21.2	25.5	29.7	34
JAT63D	15	22.5	30	37.5	44.9	52.4	59.7
JAT75D	21	31.8	42.4	53	63.6	74.2	84.8
JAT83D	32.5	48.7	65	81.2	97.4	113.7	130
JAT92D	46.5	69.8	93	116.3	140	162.9	186
JAT105D	69.3	104	138.5	173.2	207.8	242.5	277
JAT115D	95	129	172	215	258	301	344
JAT125D	108	162	216	270	324	378	432
JAT140D	184.7	277	369.5	461.8	554	646.5	739
JAT160D	281.5	422	563	704	844	985	1126
JAT190D	453	680	907	1135	1361	1587	1814
JAT210D	554	831	1108	1384	1662	1939	2216
JAT240D	814	1221	1628	2035	2442	2849	3256
JAT270D	1236	1854	2472	3090	3708	4326	4944

单作用执行器输出扭矩 (单位: Nm) Spring Return Actuator Output Torque(Unit:Nm)

气源克服弹簧输出力矩 Output torque of air to spring														弹簧输出力矩 Output torque spring		
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar				
型号 Model	弹簧 数量 Spring Qty	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	
		开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	
JAT52SR	5	8.8	7.3	13.0	11.6									5.4	4.0	
	6	8.0	6.3	12.2	10.5	16.5	14.8							6.5	4.7	
	7	8.2	5.2	11.5	9.4	15.7	13.7	20.0	17.9					7.6	5.5	
	8	6.4	4.1	10.7	8.3	14.9	12.6	19.2	16.8	23.4	21.1			8.6	6.3	
	9				9.9	7.3	14.1	11.5	18.4	15.8	22.6	20.0	26.9	24.3	9.7	7.1
	10				9.1	6.2	13.3	10.4	17.6	14.7	21.8	18.9	26.1	23.2	10.8	7.9
	11						12.5	9.4	16.8	13.6	21.0	17.9	25.3	22.1	11.9	8.7
	12						11.8	8.3	16.0	12.5	20.3	16.8	24.5	21.0	13.0	9.5
JAT63SR	5	15.7	12.5	23.1	20.0									9.9	6.8	
	6	14.3	10.5	21.8	18.0	29.3	25.5							11.9	8.1	
	7	13.0	8.5	20.4	16.0	27.9	23.5	35.4	31.0					13.9	9.5	
	8	11.6	6.5	19.1	14.0	26.6	21.5	34.0	29.0	41.5	36.5			15.9	10.8	
	9				17.7	12.0	25.2	19.5	32.7	27.0	40.2	34.5	47.6	42.0	17.9	12.2
	10				16.4	10.0	23.8	17.5	31.3	25.0	38.8	32.5	46.3	40.0	19.9	13.6
	11						22.5	15.5	30.0	23.0	37.5	30.5	44.9	38.0	21.9	14.9
	12						21.1	13.5	28.6	21.0	36.1	28.5	43.6	36.0	23.9	16.3
JAT75SR	5	27.0	21.6	39.3	34.0									15.5	10.2	
	6	24.9	18.5	37.3	30.9	49.7	43.3							18.6	12.2	
	7	22.9	15.5	35.3	27.8	47.6	40.2	60.0	52.6					21.7	14.2	
	8	20.9	12.4	33.2	24.7	45.6	37.1	58.0	49.5	70.4	61.8			24.8	16.2	
	9				31.2	21.6	43.6	34.0	56.0	46.4	68.3	58.7	80.7	71.1	27.8	18.3
	10				29.2	18.5	41.6	30.9	53.9	43.3	66.3	55.7	78.8	68.0	30.9	20.3
	11						39.5	27.8	51.9	40.2	64.3	52.6	76.6	64.9	34.0	22.3
	12						37.5	24.7	49.9	37.1	62.2	49.5	74.6	61.8	37.1	24.4

单作用执行器输出扭矩 (单位: Nm) Spring Return Actuator Output Torque(Unit:Nm)

气源克服弹簧输出力矩 Output torque of air to spring																弹簧输出力矩 Output torque spring	
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar					
型号 Model	弹簧 数量 Spring Qty	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End	0° 开始 Start	90° 结束 End
JAT83S	5	33.8	27.2	50.1	43.4											21.5	14.9
	6	30.9	22.9	47.1	39.1	63.3	55.3									25.8	17.8
	7	27.9	18.6	44.1	34.8	60.4	51.0	76.6	67.3							30.1	20.8
	8	24.9	14.3	41.2	30.5	57.4	46.7	73.6	63.0	89.9	79.2					34.4	23.8
	9			38.2	26.2	54.4	42.4	70.7	58.7	86.9	74.9	103.1	91.1	38.7	26.7		
	10			35.2	21.9	51.5	38.1	67.7	54.4	83.9	70.6	100.2	86.8	43.0	29.7		
	11					48.5	33.8	64.7	50.1	81.0	66.3	97.2	82.5	47.3	32.7		
JAT92S	12					45.5	29.5	61.8	45.8	78.0	62.0	94.2	78.2	51.6	35.6		
	5	48.0	39.5	71.3	62.8									30.3	21.8		
	6	43.7	33.5	66.9	56.7	90.2	80.0							35.6	26.1		
	7	39.3	27.4	62.6	50.7	85.8	73.9	109.1	97.2					42.4	30.5		
	8	34.9	21.4	58.2	44.6	81.5	67.9	104.7	91.2	128.0	114.4			48.4	34.9		
	9			53.8	38.6	77.1	61.8	100.4	85.1	123.6	108.4	146.9	131.6	54.5	39.2		
	10			49.5	32.5	72.8	55.8	96.0	79.0	119.3	102.3	142.6	125.6	60.6	43.6		
JAT105S	11					68.4	49.7	91.7	73.0	114.9	96.3	138.2	119.5	66.6	47.9		
	12					64.0	43.7	87.3	66.9	110.6	90.2	133.8	113.5	72.7	52.3		
	5	64.6	57.7	99.2	92.4									46.2	39.3		
	6	56.7	48.5	91.4	83.1	126.0	117.8							55.4	47.2		
	7	48.9	39.3	83.5	73.9	118.2	108.5	152.8	143.2					64.6	55.0		
	8	41.0	30.0	7507.0	64.7	110.3	99.3	144.9	133.9	179.6	168.6			73.9	62.9		
	9			67.8	55.4	102.4	90.1	137.1	124.7	171.7	159.3	206.3	194.0	83.1	70.7		
JAT115S	10			59.9	46.2	94.6	80.8	129.2	115.5	163.9	150.1	198.5	184.7	92.3	78.6		
	11					86.7	71.6	121.4	106.2	156.0	140.9	190.6	175.5	101.6	86.5		
	12					78.9	62.4	113.5	97.0	148.1	131.6	182.8	166.3	110.8	94.3		
	5	81.4	51.3	124.4	94.3	167.4	137.3							77.7	47.6		
	6	71.8	35.8	114.8	78.8	157.8	121.8							93.2	57.2		
	7	62.3	20.0	105.3	63.0	148.3	106.0	191.3	149.0					109.0	66.7		
	8			95.8	48.0	138.8	91.0	181.8	134.0	224.8	177.0			124.0	76.2		
JAT125S	9			86.3	32.0	129.3	75.0	172.3	118.0	215.3	161.0	258.3	204.0	140.0	85.7		
	10					119.7	60.0	162.7	103.0	205.7	146.0	248.7	189.0	155.0	95.3		
	11					110.0	44.0	153.0	87.0	196.0	130.0	239.0	173.0	171.0	105.0		
	12							144.0	72.0	187.0	115.0	230.0	158.0	186.0	114.0		
	5	131	104	192	166									80	53		
	6	120	88	182	150	243	211							96	64		
	7	110	72	171	134	232	195	294	257					112	74		
JAT140S	8	99	56	161	118	222	179	283	241	345	302			128	85		
	9			150	102	211	163	273	225	334	286	395	347	144	96		
	10			139	86	201	147	262	209	323	270	385	331	160	106		
	11					190	131	251	193	313	254	374	315	175	117		
	12					179	115	241	177	302	2038	363	299	191	127		
	5	188	144	280	236									133	89		
	6	170	117	263	209	355	302							160	107		
	7	152	90	245	183	337	275	430	368					187	125		
	8	135	64	227	156	319	249	412	341	504	433			213	142		

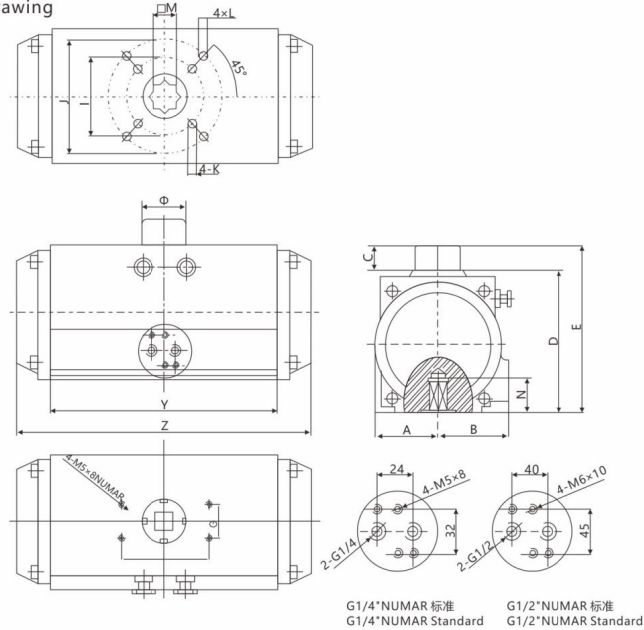
单作用执行器输出扭矩 (单位: Nm) Spring Return Actuator Output Torque(Unit:Nm)

气源克服弹簧输出力矩 Output torque of air to spring														弹簧输出力矩 Output torque spring		
气源气压 Air supply pressure		3Bar		4Bar		5Bar		6Bar		7Bar		8Bar				
型号 Model	弹簧数量 Spring Qty	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	
		开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	开始 Start	结束 End	
JAT140S	9			209	129	302	222	394	314	486	407	579	499	240	160	
	10			191	103	284	195	376	288	469	380	561	472	267	178	
	11					266	169	358	261	451	353	543	446	293	196	
	12							248	142	341	234	433	327	525	419	320
JAT160S	5	286	222	427	362										201	136
	6	259	182	400	322	541	463								241	163
	7	232	141	373	282	513	423	654	564						281	190
	8	205	101	345	242	486	383	627	524	768	664				321	218
	9			318	202	459	343	600	483	741	624	881	765	361	245	
	10			291	162	432	303	573	443	713	584	854	725	401	272	
	11					405	263	545	403	686	544	827	685	441	299	
JAT190S	12					377	222	518	363	659	504	800	645	481	326	
	5	448	332	675	559										349	232
	6	402	262	629	489	856	716								418	278
	7	356	192	582	419	809	646	1036	873						488	325
	8	309	123	536	350	763	576	990	803	1217	1030				558	371
	9			490	280	717	507	943	733	1170	960	1397	1187	627	418	
	10			443	210	670	437	897	664	1124	891	1351	1117	697	464	
JAT210S	11					624	367	851	594	1077	821	1304	1048	767	510	
	12					577	297	804	524	1031	751	1258	978	837	557	
	5	638	468	950	780										467	297
	6	579	375	890	687	1202	998								560	356
	7	519	282	831	593	1143	905	1455	1217						654	416
	8	460	188	772	500	1083	812	1395	1123	1707	1435				747	475
	9			712	407	1024	718	1336	1030	1647	1342	1959	1653	840	535	
JAT240S	10			653	313	965	625	1276	937	1588	1248	1900	1560	934	594	
	11					905	531	1217	843	1529	1155	1840	1467	1027	653	
	12					846	438	1158	750	1469	1062	1781	1373	1121	713	
	5	963	666	1452	1155										799	503
	6	862	506	1351	995	1840	1484								959	603
	7	762	346	1250	835	1739	1324	2228	1812						1119	704
	8	661	187	1150	675	1639	1164	2127	1652	2616	2141				1279	804
JAT270S	9			1049	515	1538	1004	2027	1492	2525	1981	3004	2470	1439	905	
	10			949	355	1437	844	1926	1333	2415	1821	2903	2310	1599	1005	
	11					1337	684	1825	1173	2315	1661	2803	2150	1759	1106	
	12					1236	524	1725	1013	2213	1501	2702	1990	1919	1207	
	5	1431	1028	2118	1715										1033	630
	6	1305	821	1992	1508	2679	2195								1240	756
	7	1179	615	1866	1302	2553	1989	3240	2676						1446	882
JAT270S	8	1053	408	1740	1095	2427	1782	3114	2469	3801	3156				1653	1008
	9			1614	889	2301	1576	2988	2263	3675	2950	4363	3637	1860	1134	
	10			1488	682	2175	1369	2862	2056	3549	2743	4237	3430	2066	1260	
	11					2049	1162	2736	1849	3423	2536	4111	3223	2273	1386	
	12					1923	956	2610	1643	3297	2330	3985	3017	2480	1512	

JAT型气动执行器

JAT Pneumatic actuator

外观尺寸General Drawing

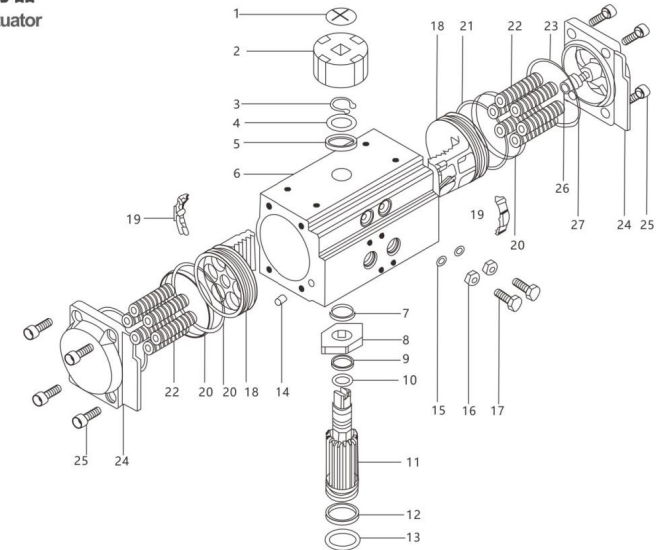


外形连接尺寸 Overview Dimension

型号Model	A	B	C	D	E	G	H	I	J	K	L	M	N	Z	ϕ	气源接口 Air Supply	
JAT32	DA/SR	22.5	22.5	20	45	65	30	50	-	F03	-	M5×8	9×9	15	126	34	G1/8"
JAT52	DA/SR	30	41	20	72	92	30	80	F03	F05	M5×8	M6×10	11×11	15	145	34	G1/4"
JAT63	DA/SR	36	46	20	89	109	30	80	F05	F07	M6×10	M8×12	14×14	15	169	34	G1/4"
JAT75	DA/SR	42	52	20	100	120	30	80	F05	F07	M6×10	M8×12	14×14	15	201	34	G1/4"
JAT83	DA/SR	46	55	20	109	129	30	80	F05	F07	M6×10	M8×12	14×14	15	209	34	G1/4"
JAT92	DA/SR	51	57.5	20	117	137	30	80	F05	F07	M6×10	M8×12	17×17	17	242	41	G1/4"
JAT105	DA/SR	58	64	20	134	154	30	80	F07	F10	M8×12	M10×16	22×22	25	275	41	G1/4"
JAT115	DA/SR	64.5	74.5	40	145	185	30	80	F07	F10	M8×12	M10×16	22×22	25	316	62	G1/4"
JAT125	DA/SR	67.5	70	30	157	187	30	80	F07	F10	M8×12	M10×16	22×22	25	332	41	G1/4"
JAT140	DA/SR	76	77	30	174	204	30	130	F10	F12	M10×16	M12×20	27×27	30	385	62	G1/4"
JAT160	DA/SR	86.5	87.5	30	199	229	30	130	F10	F12	M10×16	M12×20	27×27	30	450	62	G1/4"
JAT190	DA/SR	103	103	30	233	263	30	130	F10	F12	M10×16	M12×20	36×36	34	507	62	G1/4"
JAT210	DA/SR	113	113	30	257	287	30	130	-	F12	-	M12×20	36×36	34	562	79	G1/4"
JAT240	DA/SR	129	129	30	293	323	30	130	-	F16	-	M20×24	36×36	34	646	79	G1/4"
JAT270	DA/SR	146	146	30	333	363	30	130	-	F16	-	M20×24	46×46	52	722	79	G1/4"

JAT型气动执行器

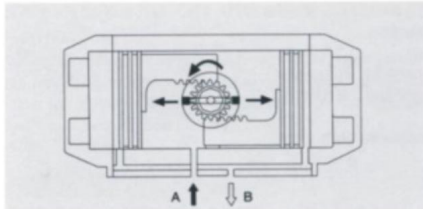
JAT Pneumatic actuator



零件和材料 Parts and Materials

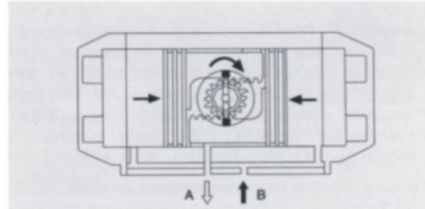
序号 No	零件名称 Parts name	数量 Qty	材料 Material	防腐处理 Anti-corrosive	可选材料 Optional materials
1	指示器螺钉 Indicator screw	1	塑料 Plastic		
2	指示器 Indicator	1	塑料 Plastic		
3	卡簧 Spring clip	1	不锈钢 Stainless steel		
4	垫圈 Washer	1	不锈钢 Stainless steel		
5	外垫片 Outer gasket	1	工程塑料 Engineering plastics		
6	缸体 Cylinder body	1	挤压型材 6005 Extruded profile	硬质氧化等 Hard anodizing	
7	内垫片 Inner gasket	1	工程塑料 Engineering plastics		
8	凸轮 Cam	1	合金钢 Alloy steel		氟/硅橡胶 Viton/Silicone rubber
9	上轴O形圈 Oring(Pinion top)	1	丁腈橡胶 NBR		
10	上轴轴承 Bearing(Pinion top)	1	工程塑料 Engineering plastics		
11	齿轮 Pinion	1	合金钢 Alloy steel	镀镍 Nickel plating	不锈钢 Stainless steel
12	下轴轴承 Bearing(Pinion botom)	1	工程塑料 Engineering plastics		
13	下轴O形圈 Oring(Pinion botom)	1	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
14	堵头 Plug	2	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
15	调节螺钉O形圈 Adjusting screw Oring	2	丁腈橡胶 NBR		氟/硅橡胶 Viton/Silicone rubber
16	调节螺钉螺母 Adjusting screw nut	2	不锈钢 Stainless steel		
17	调节螺栓 Adjusting bolt	2	不锈钢 Stainless steel		
18	活塞 Piston	2	压铸铝/铸钢 Engineering plastics	氧化/镀锌 Oxidation/Zinc plating	不锈钢 Stainless steel
19	活塞导板 Piston guide	2	工程塑料 Engineering plastics		
20	活塞轴承 Piston bearing	2	工程塑料 Engineering plastics		
21	活塞O形圈 Piston Oring	2	丁腈橡胶 NBR		氟/硅橡胶/氢化丁腈 Viton/Silicone rubber/HNBR
22	弹簧 Spring	0-12	弹簧钢 Spring steel	浸漆 Dipping paint	
23	端盖O形圈 End cover Oring	2	丁腈橡胶 NBR		氟/硅橡胶/氢化丁腈 Viton/Silicone rubber/HNBR
24	端盖 End cover	2	压铸铝 Cast aluminum	粉末喷涂 Powder coating	
25	端盖螺栓 End cover bolt	8	不锈钢 Stainless steel		
26	限位螺栓 Limit bolt	2	不锈钢 Stainless steel		
27	限位螺母 Limit nut	2	不锈钢 Stainless steel		

>1、双作用式(俯视图) Double Action (Planform)



压缩空气由A口输入，使左右活塞向相反方向运动，输出轴逆时针方向转动，打开阀门，两活塞侧面空气由B口排出。

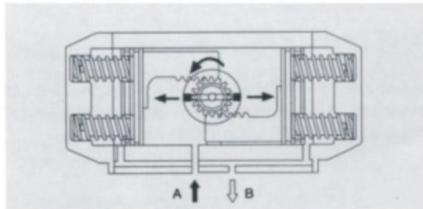
Air into Port A forces the pistons outwards, causing the pinion to turn counterclockwise while the air being exhausted from Port B.



压缩空气由B口输入，使左右活塞中心移动，输出轴顺时针方向转动，关闭阀门，两活塞中间的空气由A口排出。

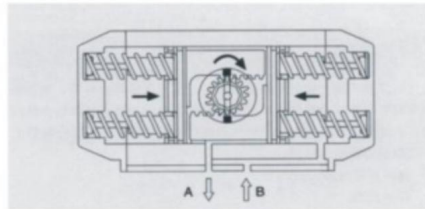
Air into Port B forces the pistons inwards, causing the pinion to turn clockwise while the air is being exhausted from Port A.

>2、单作用式(俯视图) Single Action (Planform)



压缩空气由A口输入，使左右活塞向相反方向运动，输出轴逆时针方向转动，打开阀门，两活塞侧面的空气由B口排出。

Air into Port A forces the pistons outwards, causing the springs to compress, the pinion turns counterclockwise while air is being exhausted from Port B.



失气或失电时，由于弹簧的作用使两活塞中心移动，输出顺时针方向转动，关闭阀门。空气由A口排除，B口进气可加速关闭阀门。

In the event of loss air pressure or power, the stored energy in the springs forces the pistons inwards, causing the pinion turns clockwise while air is being exhausted from Port A, and air to Port B can accelerate closing the valve.

注:

- 1、标准动作的旋转方向为顺时针关闭阀门，逆时针为打开阀门。
- 2、颠倒活塞装配的旋转方向为逆时针关闭阀门，顺时针为打开阀门。

Note:

- 1、The standard rotation is clockwise for closing the valve, while counterclockwise for opening.
- 2、If the assembly direction of the piston is reversed, then the standard rotation is counterclockwise for closing the valve, clockwise for opening.

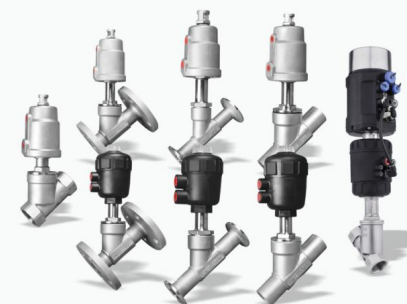
故障与对策

Failure and Countermeasure

故障现象 Fault Phenomenon	检查项目 Check Item	对策 Countermeasure
气动阀门不能动作 Pneumatic valve does not act	1、电磁阀是否正常，线圈是否烧坏，电磁阀芯是否被脏物卡死。 Does the solenoid work normally? Is the circuit burned? Is the mandrel of the solenoid blocked by impurity?	更换电磁阀、更换线圈、清除脏物。 Replace the solenoid coil or remove the impurity
	2、对气动执行器单独供气试验，检查密封圈及气缸是否有损坏。 With air supplying the pneumatic actuator, are the o-rings or the cylinder broken?	更换已坏密封圈及气缸。 Replace the broken O-rings and cylinder body
	3、阀内有杂质将阀芯卡住。 Is impurity blocking the valve?	清除杂质，更换已损件。 Clean out the impurity, replace the broken parts
	4、手动机构的手柄处在手动位置。 Is the handle of the manual equipment at the manual state?	将手柄转到气动位置。 Put the handle to the pneumatic state
动作迟缓、爬行 Acting slowly	1、气源压力不够。 Is the air supply pressure sufficient?	增加气源压力(0.4-0.7Mpa) Improve the air pressure (0.4-0.7Mpa)
	2、气动执行器输出扭矩过小。 Is the output torque of pneumatic actuator not enough?	增大气动执行器的型号规格。 Select a bigger model of the pneumatic actuator
	3、阀门阀芯或其他阀件装配太紧。 Is impurity blocking the valve?	重新装配调整。 Reassemble and adjust the valve
	4、气源管路堵塞，流量过小。 Is the air supply pipe blocked making the airflow too small?	排除堵塞，更换过滤器滤芯。 Clean out the block, replace the filter stem
回信器无信号 The feedback has no signal	1、电源线路短路或断路。 Is the power shorted out or stopped?	检修电源线路。 Check the circuitry
	2、回信器内凸轮位置不准确。 Is the cam of the feedback in the incorrect position?	调整凸轮至正确位置 Adjust the cam to the correct position
	3、微动开关损坏。 Is the micro switch broken?	更换微动开关 Replace the micro switch



气动/电动执行器系列
PNEUMATIC/ELECTRIC ACTUATOR SERIES



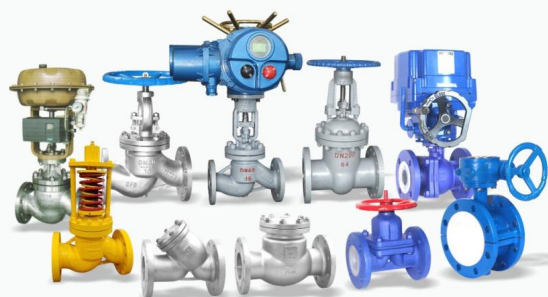
角座阀系列
ANGLE SEAT VALVE SERIES



气动阀门系列
PNEUMATIC VALVE SERIES



电动阀门系列
ELECTRIC VALVE SERIES



其他阀门系列
OTHER VALVE SERIES



安装附件系列
ACCESSORIES SERIES



售后服务和质量保证承诺

随着国家市场经济的深入发展，市场竞争日趋激烈，广大用户对产品的要求也越来越高，并且对售后服务方面的要求也越来越多，为此，我公司质量管理部门为适应市场发展的要求，专门设立了售后服务组、配备了专职服务人员负责处理我公司产品售后服务事宜。同时我公司在内部质量管理方面也作出了多方努力，获得了ISO9001质量体系认证、CE认证和多项专利证书等，为此我公司完全可以做到：

一、产品配发检验合格证书和说明书，以确保用户能正确安装适用我公司产品。

二、我公司保证出厂的产品均按有关国际标准生产和检验，不合格的产品绝不出厂。保证严格履行、兑现产品的三包，严格执行国家工业产品售后服务有关规定，对出厂产品自发货日起的十二个月内，在产品说明书规定的正常操作条件下我公司将负责质保期内质量完好。

三、如用户对我公司产品提出的质量异议，我公司保证在接到用户提出异议后2小时内作出处理意见。若需要现场解决的，保证派出专业技术服务人员，并做到质量问题不解决服务人员不撤离。对每件用户反馈的产品质量问题及处理结果我公司将存档。

以上三点是我公司对售后服务的承诺。竭诚欢迎广大用户指导修正，请提出宝贵意见，参照改进。真诚希望我们之间合作愉快。



AFTER-SALES SERVICE QUALITY ASSURANCE COMMITMENT

With the further development of a national market economy, the increasingly fierce market competition, the majority of users of the product requirements also more and more high, and more and more demand for after-sale services, to this end, our quality management department in order to adapt to the requirement of market development, set up special after-sale service group, equipped with full-time service personnel shall be responsible for handling matters of our company product after-sales service. At the same time, our company has also made many efforts in internal quality management and obtained ISO9001 quality system certification, CE certification and a number of patent certificates, etc. To this end, our company is fully capable of:

I. The products shall be issued with inspection certificates and instructions. I. to ensure that the users can correctly install and apply the products of our company.

II. Our company guarantees that the products are produced and inspected in accordance with the relevant international standards, and unqualified products will never leave the factory. We promise to strictly perform and deliver the four packages of products, strictly implement the relevant regulations of national industrial products after-sales service, and within 12 months from the date of delivery of the products, we will be responsible for the quality of the products within the warranty period under the normal operating conditions specified in the product manual.

III. If the user has any objection to the quality of our products, we promise to make Suggestions within 2 hours after receiving the objection. If it needs to be solved on site, it shall ensure that professional technical service personnel are dispatched, and the service personnel shall not be evacuated until quality problems are solved. We will archive the quality problem and result of every feedback.

The above three points are our company's commitment to after-sales service. We sincerely welcome your comments and Suggestions for improvement. We sincerely hope that we can have a pleasant cooperation.

