

主要外形及连接法兰尺寸 Q647F(N、P、H、Y)-PN25(2.5MPa) Main Outline and Connecting Flange Size

公称通径 Nominal diameter DN	外形尺寸 Outline Size			连接法兰尺寸 Connecting Flange Size						执行器型号 Actuator Model
	L	L <sub>1</sub>	~H	D	D <sub>1</sub>	D <sub>2</sub>	C	f	n-Φd	
50	216	248/345	333/370	165	125	99	20	3	4-Φ18	AT088D/AT125S
65	243	269/409	388/442	185	145	118	22	3	4-Φ18	AT100D/AT145S
80	283	345/438	430/472	200	160	132	24	3	8-Φ18	AT125D/AT160S
100	305	409/550	507/575	235	190	156	24	3	8-Φ22	AT145D/AT190S
125	381	438/600	562/630	270	220	184	26	3	8-Φ26	AT160D/AT210S
150	403	550/633	640/700	300	250	211	28	3	8-Φ26	AT190D/AT240S
200	502	600/633	705/740	360	310	274	30	3	12-Φ26	AT210D/AT240S
250	568	633/730	772/802	425	370	330	32	3	12-Φ30	AT240D/AT270S
300	648	1180	821	485	430	389	34	4	16-Φ30	AW20/AW25S
350	762	1180	934	555	490	448	38	4	16-Φ30	AW20/AW28S
400	838	1320	990	620	555	503	40	4	16-Φ36	AW28/AW35S
500	991	1430	1006	730	660	609	44	4	20-Φ36	AW35/AW40S

主要外形及连接法兰尺寸 Q647F(N、P、H、Y)-PN40(4.0MPa) Main Outline and Connecting Flange Size

公称通径 Nominal diameter DN	外形尺寸 Outline Size			连接法兰尺寸 Connecting Flange Size						执行器型号 Actuator Model	
	L	L <sub>1</sub>	~H	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	C	f		n-Φd
50	216	248/345	358/397	165	125	99	88x4	20	3	4-Φ18	AT088D/AT125S
65	243	269/345	410/452	185	145	118	110x4	22	3	8-Φ18	AT100D/AT125S
80	283	345/409	462/530	200	160	132	121x4	24	3	8-Φ18	AT125D/AT145S
100	305	409/438	547/615	235	190	156	150x4.5	24	3	8-Φ22	AT145D/AT160S
125	381	438/550	635/695	270	220	184	176x4.5	26	3	8-Φ26	AT160D/AT190S
150	403	550/600	700/735	300	250	211	204x4.5	28	3	8-Φ26	AT190D/AT210S
200	502	633/730	748/778	375	320	284	260x4.5	34	3	12-Φ30	AT240D/AT270S
250	568	730	803	450	385	315	313x4.5	38	3	12-Φ33	AT270
300	648	1320	914	515	450	409	364x4.5	42	4	16-Φ33	AW25/AW28S
350	762	1320	970	580	510	465	422x5	46	4	16-Φ36	AW25/AW35S
400	838	1430	1060	660	585	535	474x5	50	4	16-Φ39	AW35/AW40S
500	991	1950	1228	755	670	615	576x5	52	4	20-Φ42	AW40S

※注：球阀结构长度及连接法兰尺寸可根据JB/T79标准或用户要求设计制造。  
 ※注：执行器型号XXX/XXX分别是气动执行器双作用式/单作用式(弹簧复位)。  
 ※注：根据不同阀门扭矩、使用介质适配的执行器型号可能有所不同，相关尺寸随之变化。  
 ※注：以上执行器配置及数据均采用软密封(F、N、P)阀门，硬密封阀门的配置及数据请咨询本公司。  
 Note: The structural length and connecting flange size of ball valve series can be designed and manufactured as per JB/T79 standard or users' requirements  
 Note: Data XXX/XXX represent respectively the double-acting/single-acting type(spring reposition)of pneumatic actuator  
 Note: The relative sizes are subject to change responding to the difference in valve torque, medium and actuator model  
 Note: the above actuator configuration and data all use soft-sealed valves (F, N, P) and hard-sealed valves, or consulting us if you have more questions.

技术规范 Technique norm

设计依据 Design Basis	API、ANSI标准 Standard
设计标准 Design standard	API 6D、ANSI B16.34
结构长度 Face to face dimension	法兰连接 Flange connecting
连接法兰尺寸 Connecting Flange Size	ANSI B16.5
试验和检验 Test & inspection	API 6D、API598

※注：球阀结构长度及连接法兰尺寸可根据用户要求设计制造。  
 Note: The structural length and connecting flange size of ball valve series can be designed and manufactured as per users' requirements.

主要零件材质表 Form of Main Parts Materials

序号 No.	零件名称 Name of parts	材质 Material		
		C	P	R
1	左右阀体 Body	A216-WCB	A351-CF8	A351-CF8M
2	螺栓 Screw	A193-B7	A276-304	A276-316
3	螺母 Nut	A194-2H	A276-304	A276-316
4	弹簧 Spring	YB/T5104 60Si2Mo	YBD(T)11 1Cr18Ni9	YBD(T)11 0Cr18Ni12M02
5	阀座 Seat	A182-A105	A276-304	A276-316
6	密封圈 Sealing ring	PTFE、尼龙(Nylon)、对位聚苯(PPL)、硬质合金 Hard Alloy		
7	O形圈 "O"Ring	橡胶Rubber、氟橡胶Viton		
8	垫片 Gasket	PTFE、石墨金属复合垫 Graphite metal composite pad		
9	法兰 Flange	A216-WCB	A351-CF8	A351-CF8
10	垫片 Gasket	A276-304	A276-304	A276-316
11	下阀杆 Stem	A276-410	A276-304	A276-316
12	衬套 Bushing	PTFE复合轴承 Composite bearings		
13	球体 Ball	A182-F304	A182-F304	A182-F316
14	键 Key	AISI C1045	A276-304	A276-316
15	阀杆 Stem	A276-410	A276-304	A276-316
16	衬套 Bushing	PTFE复合轴承 Composite bearings		
17	填料 Packing	PTFE、柔性石墨 Flexible Graphite		
18	填表料压盖 Gland	A216-WCB	A276-304	A276-316
19	连接套 Connection set	A182-A105	A276-304	A276-304
20	支架 Yoke	A216-WCB	A276-304	A276-304
21	阀体 Body	A216-WCB	A351-CF8	A351-CF8
22	气动执行器 Pneumatic Actuator	GT系列、AT系列、AW系列 GT Series, AT Series, AW Series		

※注：球阀主要零部件及密封圈的材质可根据实际工况条件或用户特殊要求设计选用。  
 Note: The main spare parts and sealing-ring materials of ball valve series can be designed for options as per real working conditions and users' special requirements.

