

Product characteristic

QQ series Pneumatic ball valve is a sphere around the center line of the body as a rotation to achieve an Pneumatic ball valve open and close. Sphere without support shaft, a sphere by two seats holding the "floating" state, it is mainly used for cutting on pipeline, distribution and change the flow direction of medium. With flow capacity coefficient of flow resistance is small, functional reliable performance, simple structure, convenient maintenance, long service life, etc. For a variety of fluid, such as gas liquid medium in the pipeline automatic opening and closing, so as to achieve program control systems and equipment or remote control, etc. Widely used in chemical, petroleum, natural gas, gas, metallurgy, power plant and other industries.

Installation and using

1. The Pneumatic ball valve installations unprincipled requirements, but Pneumatic actuators in level state, the Pneumatic box cover is in the water flat or vertical status for the recommended installation form, it is good for soothing, debugging, maintenance and manual operation.
2. When installation should guarantee the space required for worker.
3. Connected to the flange body bolts shall be not less than 8.8 level on the richter scale are unlikely.
4. When the need to remove, should be the manual handwheel number of turns, the valve slightly open.
5. Installation, disassembly, commissioning shall not damage the sealing surface, cover tightly seal electrical cover should be tightened, in case of rain or moisture to enter.
6. Windows may not collide with hard objects.
7. When the valve is not often use, should be regular inspection and maintenance and operation, suggest that at least once a month.

Product overview

Pneumatic ball valve is an important actuator in industrial automation control system. His Pneumatic valve seat Change is relation with directly proportional valve stroke. Mainly used for truncated or on line in the medium, as well Can be used for the adjustment and control of the fluid, is one of the industrial automation process control piping components 90° is a corner to realize the opening and closing the Pneumatic ball valve of ball valve, it has a large flow capacity, flow resistance Several small, simple structure, convenient maintenance, long service life, etc. The body channel and the connection pipe diameter in the same center line, through the medium can be almost no losses. This product is often used to seal the demand is higher Place, in addition to the general fluid control, also suitable for control of sewage and fibrous impurities of medium, Widely used in petroleum, chemical, metallurgy. Power stations and other work areas.

Product characteristic

1. Applicable for pipe a big pressure difference , strict sealing of the switch and cut off the pipeline medium process and the fluid flow control system.
2. Applicable for different kinds of fluid medium and realize 2-way flow.
3. Fluid resistance small, ball valve is the smallest of all valve fluid resistance class.
4. The seat sealing performance is good, use TEFLON as sealing ring, structure is easy to close seal and ball valve sealing ability increases as the pressure medium.
5. As the seal ring has good lubrication, the sphere of the friction coefficient is small, extend the ball valve life.
6. Bottoms type valve stem and the head of valve stem head is special design, such as fire stem seal damage, the valve stem Convex sets and the body can also be formed between the metal contact, to ensure that the valve stem seal.



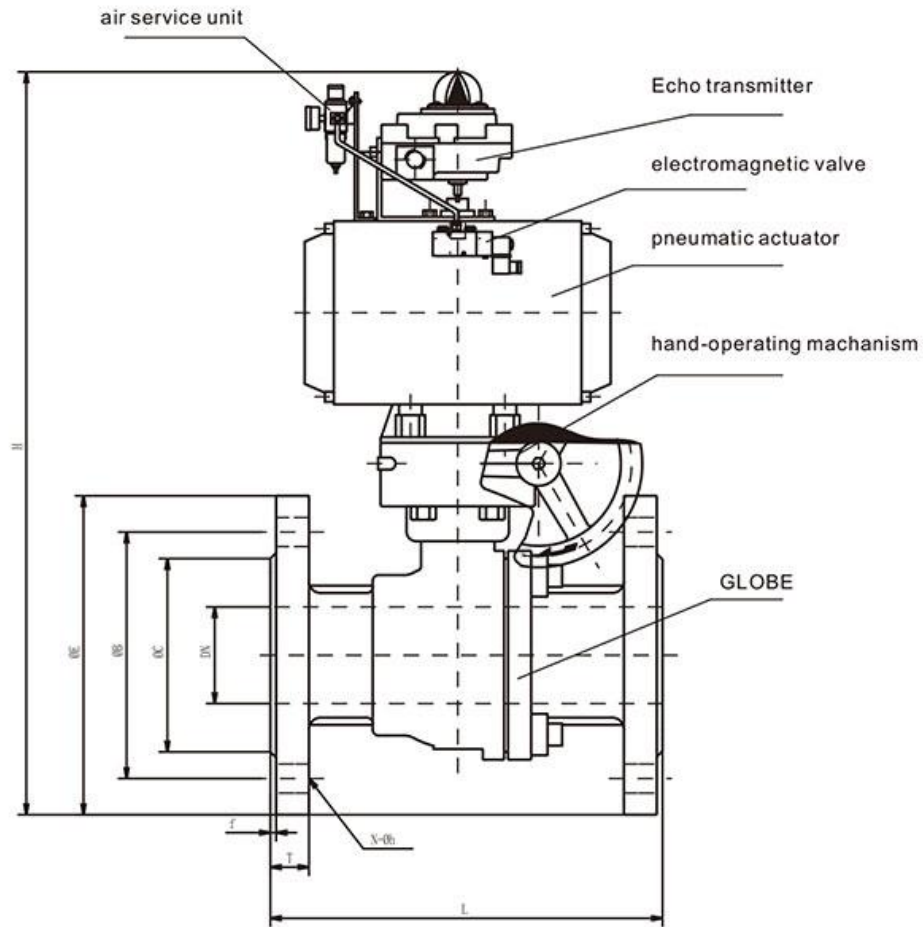
Valve Selection List

1			2	3	4	5	6	7	8
Dq85 Series			Body Connection mode	Voltage	Seal material	Body material	Pipe size	Orifice (mm)	Options
Q	Q	81	C	A20	T	32	10	25	S
Q=气动	Q= Ball valve	81= 2-Way Flange Ball	C= 2 Pieces	A10=AC110V A20=AC220V D24=DC24V D12=DC12V	T=PTFE	32=SS304 33=SS316 39=Cast steel	10= Flange	25=25 35=35 40=40 50=50 65=65 80=80 100=100 125=125 150=150 200=200	S= Double action D= Single action M= Manual mechanism H= Return signal E=Three accessories

Valve Selection List

DN	Orifice mm	CV Facto	Operating Pressure Differential (bar)	Fluids Temp	Actuator		L×W×H	Weight KG	Model Code 220VAC 50/60HZ
			Steam high temp,gas and High temp liquid	℃	Voltage AC	Torque N·M			
DN25	25	12	0-25	0-120	220V	30	140×115×448	6.5	QQ81CA20T321025
			0-40						
DN35	35	24	0-25	0-120	220V	50	165×140×465	9.5	QQ81CA20T321035
			0-40						
DN40	40	29	0-25	0-120	220V	80	165×150×472	11	QQ81CA20T321040
			0-40						
DN50	50	48	0-25	0-120	220V	100	203×165×490	15	QQ81CA20T321050
			0-40						
DN65	65	52	0-25	0-120	220V	200	222×185×563	27	QQ81CA20T321065
			0-40				241×185×563		
DN80	80	80	0-25	0-120	220V	300	241×200×603	30	QQ81CA20T321080
			0-40				283×200×603		
DN100	100	128	0-25	0-120	220V	400	305×220×690	43	QQ81CA20T3210100
			0-40				305×235×690		
DN125	125	165	0-25	0-120	220V	1000	356×250×791	57	QQ81CA20T3210125
			0-40				381×270×791		
DN150	150	215	0-25	0-120	220V	1000	394×285×818	72	QQ81CA20T3210150
			0-40				403×300×818		

Dimensions



Pressure grade MPa	Orifice (mm)	L	ΦE	ΦB	ΦC	T	F	N-Φb	H
2.5	25	140	115	85	65	16	2	4-14	448
	35	165	140	100	76	18	2	4-18	465
	40	165	150	110	84	18	2	4-18	472
	50	203	165	125	99	20	2	4-18	490
	65	222	185	145	118	20	2	4-18	563
	80	241	200	160	132	20	2	8-18	603
	100	305	220	180	156	22	2	8-18	690
	125	356	250	210	184	22	2	8-18	791
	150	394	285	240	211	24	2	8-22	818
4.0	25	140	115	85	65	16	2	4-14	448
	35	165	140	100	76	18	2	4-18	465
	40	165	150	110	84	18	2	4-18	472
	50	203	165	125	99	20	2	4-18	490
	65	241	185	145	118	22	2	8-18	563
	80	283	200	160	132	24	2	8-18	603
	100	305	235	190	156	24	2	8-22	690
	125	381	270	220	184	26	2	8-26	791
	150	403	300	250	211	28	2	8-26	818