

### Introduction

Quick open and close, less flowing resistance. PTFE sealing, perfect sealing, high temperature, corrosion resistance, acid and alkali resistance. The main features of the valve itself is compact, easy operation and maintenance for water, acids and natural gas general working media.

### Pneumatic Actuator

Double acting	Air to open, air to close, air supply failure to keep the current position
Single Acting N/C	Air to open, interrupt air to close, air failure to close
Single Acting N/O	Air to close, interrupt air to open, air failure to open
Optional accessory	Reversing solenoid valve, limit switch box, air filter reducing valve, positioner, handle manual, lock up valve

### Technical Parameters

Body		Valve components	
Nominal Size	DN15~DN400	Seat Material	PTFE: -30℃~180℃
Body Material	Stainless Steel, Carbon Steel, Cast Iron	Core Material	Stainless Steel
Connection Type	Flange ( GB/ANSI/DIN/JIS )	Stem Material	Stainless Steel
Pressure Rating	1.6, 2.5, 4.0, 6.4MPa	Applicable Medium	Water, Liquids, Gas, Oil, Powder, Steam, Acid-base Corrosive Medium.
Structure type	Floating ball core		

### Qutine Size drawing

UNIT: mm

MEDLE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
D3	15	20	25	30	40	50	65	80	100	125	150	200
D2	45	55	65	78	85	100	120	135	155	185	210	265
D1	65	75	85	100	110	125	145	160	180	210	240	295
D	95	105	115	135	145	160	180	195	215	245	280	335
L	130	140	150	165	180	200	222	250	280	320	360	400
n-φd	4-φ14	4-φ14	4-φ14	4-φ18	4-φ18	4-φ18	4-φ18	8-φ18	8-φ18	8-φ18	8-φ28	4-φ23
Weight (Kg)	3.68	3.98	4.38	6.48	8.38	10.18	15.58	18.08	26.26	37.68	53.98	
Actuator	AT52	AT52	AT52	AT63	AT75	AT83	AT92	AT105	AT125	AT140	AT160	AT210

### Maintenance

- Tightening the seal between the valve and the actuator:  
Remove the four bolts underneath the actuator. Separate the actuator from the valve. Tighten the nut on the top of the valve body. Place the actuator back on the valve and screw everything back into place.
- Tightening the seals between the valve and the inlet/outlet ports:  
Remove the torque bolts and check for any debris or damage to the gaskets. Use a torque wrench or other consistent method of tightening the torque bolts to reconnect the inlet and outlet ports.



