

# MOTORIZED GLOBE VALVE



Electric Control Valve assemble with 1200N force actuator and valve size from DN20 to DN65, which widely used in air conditioning, refrigeration, heating and building automation system, can adjust the medium flow precision, achieved goal to control temperature, humidity, pressure and energy saving.

## Features

One-time hot forging brass valve body, higher density, intensity is 5 times than casting item.  
 Valve body no button cover design, stem with 4 layer sealing protection, extend the valve usage life.  
 Die-casting aluminum bracket, ABS actuator cover, steel gears, to keep the valve acting stable and safety.  
 AC Synchronous Motors, built-in two floating auxiliary switch equip with shut power while in place to protect motor.  
 High control precision, quick response speed, low power consumption, low noise.  
 Configuration travel self-adaption, easy to install and test.

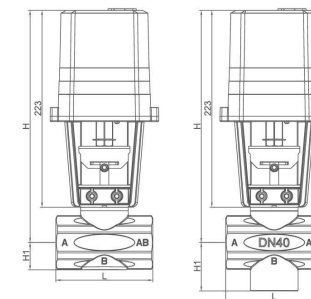
# MOTORIZED GLOBE VALVE



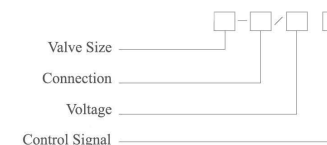
## Valve Technical Data

Size		DN20	DN25	DN32	DN40	DN50	DN65
Stem Stroke (mm)		20	20	20	20	20	20
Closeoff Pressure (MPa)		1.0	1.0	0.8	0.5	0.4	0.4
Kvs		8	10	18	31	47	65
L		69	80	92	110	125	150
H		262	262	262	263	268	276
H1	2 way	18.5	22	27.5	31	37.25	48
	3 way	34.5	40	46	55	62.5	75
Thread		G3/4	G1	G1¼	G1½	G2	G2½
Nominal Pressure		2.0Mpa					
Fluid Temperature		Water -5℃ ~95℃ Steam -5℃ ~180℃					
Service Medium		Chilled/Hot Water/Steam					
Material	Body	Forged Brass					
	Bore	Forged Brass					
	Stem	Stainless Steel					
	Sealing	EPDM, V Sealing, Spring self-compensate					
Leakage		Less Than 0.04% of Kv					

## Dimensions



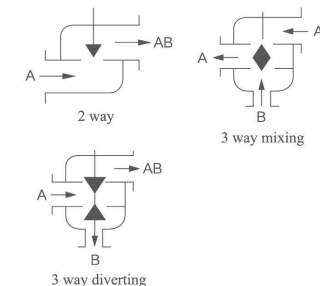
## Order Sheet



## Actuator Technical Data

Action/Control	Reversible On/Off	Reversible, Floating	Reversible, Modulating
Voltage	AC220V 50/60Hz	AV24V 50/60Hz	AV24V 50/60Hz
Motor	AC Synchronous Motor		
Force	1200N	1200N	1200N
Control Signal	On/Off	3-point	DC 0-10V/DC 4-20mA
Feedback Signal	With/Without Feedback	Without/With 0-20 Feedback	DC 0-10V/DC 4-20mA
Power	6.5VA	6.5VA	6.5VA
Max. Stroke	22mm	22mm	22mm
Working Temp.	-10~50°C		
Working Humidity	10%-90%RH Non Condensation		

## Structure



## Wiring

