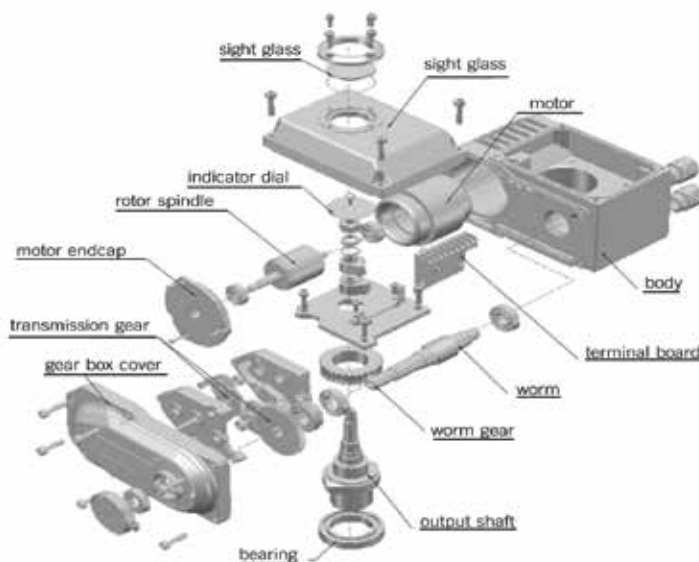


BN series electric actuator used to control 0~270° rotary valve, such as butterfly valve, ball valve, throttle, baffle valve, plug valve, etc. Wiedely used in petroleum, chemical industry, water treatment, ship, paper, power stations, heating supply, building automation, light industry etc. 380v/220v/110v AC power supply for driving power supply, 4-20 ma current signal, or 0-10 VDC voltage signal to be control signal, can make the valve movement to the required position, realize automation control. Maximum output torque is 1500 N.M

Electric actuators main technical parameters

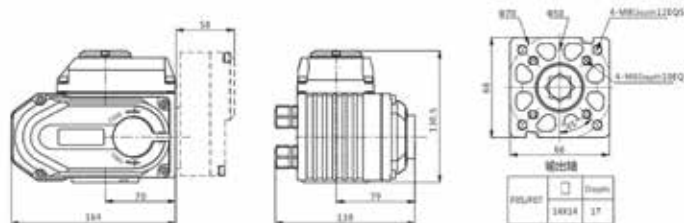
Model		BN005	BN008	BN010	BN020	BN040	BN060	BN100	BN150
Performance									
Output Torque		50N.m	80N.m	100N.m	200N.m	400N.m	600N.m	1000N.m	1500N.m
Operating time		30s	30s/40s	20s/30s/60s	15s/30s/60s	15s/30s/60s	30s/60s	30s/45s/60s	45s/65s
Rotary Angle		0-270°for option							
Motor power		20W	20W	25W	40W	90W	120W	120W	140W
Standard fit valve	ball valve	DN15-40	DN15-50	DN50-65	DN65-80	DN80-100	DN125-150	DN200	DN250
	butterfly valve	DN40-65	DN40-80	DN65-125	DN150-200	DN200-250	DN200-300	DN200-350	DN400
Power supply		DC24V/AC24V AC110V/AC220V/AC380V							
Insulation Resistance		DC24V/AC24V 100MΩ/250VDC AC110V/AC220V/AC380V 100MΩ/500VAC							
Withstand Voltage		DC24V/AC24V 500DC 60S AC110V/AC220V/AC380V 1500VDC 60S							
Protection class		IP67							
Conduit Entry		2×M18×1.5 cable gland							
Protective Device		(automatic recover lype) thermal protector							
Limit switch		electric work: close/open limit switch manual work: mechanical limit							
Installation Location		at any angle							
Ambient Temperature		-20°C~60°C							



BN Series Electric ACTUATOR

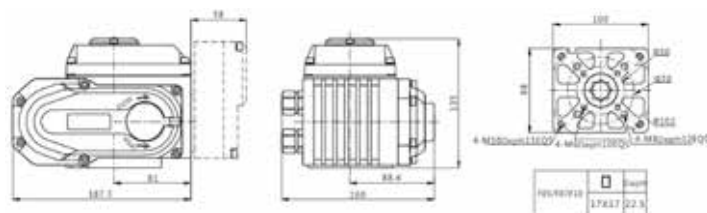


Model	BN005					
Power supply	DC12V	DC24V	ac24v	ac110v	ac220v	ac380v
Motor power	20W		23W			
Rated current	2A	1.2A	0.8A	0.7A	0.35A	0.2A
Output torque	30N.m/50N.m		15N.m/30N.m/50N.m			
Operating time	20S/30S/40S/60S for option					
Action type	B S R P DP DR T D H					
Rotary Angle	0~270° for option					
Withstand voltage	DC24V/AC24V 500VDC 60S AC110V/AC220V/AC380V 1500VDC 60S					
Insulation resistance	DC24V/AC24V 100MΩ/250VDC AC110V/AC220V/AC380V 100MΩ/500VAC					
Protection class	IP67					
Couduit entry	2×M18×1.5CABLE GLAND					
Protective device	(automatic recover type) thermal protector					
Limit switch	Electric work: close/open limit switch Manual work: mechanical limit					
Installation location	At any angle					
Working temperature	-20℃ ~ 60℃					
Material of body	Aluminium alloy					



Model	Output torque	90° operating time of	Power supply	Soft seal butterfly valve	Ball valve	Aeration butterfly valve
BN005	50N.m	30S	AC110V AC220V AC380V DC24V	≤PN1.6MP		≤0.1MP
				≤DN80	≤DN32	≤DN80

Model	BNO10					
Power supply	DC12V	DC24V	ac24v	ac110v	ac220v	ac380v
Motor power	40W		25W			
Rated current	2.4A	1.5A	0.8A	0.75A	0.45A	0.25A
Output torque	50N.m/100N.m		50N.m/80N.m/100N.m			
Operating time	15S/20S/30S/40S for option					
Action type	B S R P DP DR T D H					
Rotary Angie	0~270° for option					
Withstand voltage	DC24V/AC24V 500VDC 60S AC110V/AC220V/AC380V 1500VDC 60S					
Insulation resistance	DC24V/AC24V 100MΩ/250VDC AC110V/AC220V/AC380V 100MΩ/500VAC					
Protection class	IP67					
Couduit entry	2×M18×1.5CABLE GLAND					
Protective device	(automatic recover type) thermal protector					
Limit switch	Electric work: close/open limit swich Manual work: mechanical limit					
Installation location	At any angle					
Working temperature	-20℃ ~ 60℃					
Material of body	Aluminium alloy					

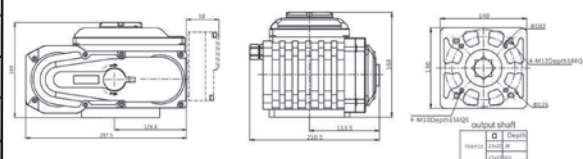


Model	Output torque	90° operating time of	Power supply	butterfly valve	butterfly valve	Ball valve	butterfly valve
BN-010	50N.m	15S	AC110V AC220V AC380V DC24V	≤PN1.6MP			≤0.1MP
	100N.m	30S		≤DN80	≤DN32	≤DN80	≤DN80
				DN32~DN65	DN80~DN125	DN40~DN65	DN100~DN200

BN Series Electric ACTUATOR

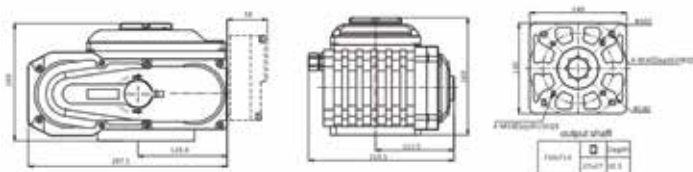


Model	BN020				BN040				BN060			
Power supply	DC24V	AC110v	AC380v	AC220v	DC24V	AC110v	AC380v	AC220v	DC24V	AC110v	AC380v	AC220v
Motor power	35W	40W	30W	40W	60W	90W	40W	40W	60W	90W	40W	90W
Rated current	3.5A	0.65A	0.15A	0.35A	5.2A	102A	0.3A	0.58A	6.2A	1.2A	0.3A	0.6A
Output torque	200N.m				400N.m				600N.m			
Operating time	15S 30S 45S for option											
Action type	B S R P DP DR T D H											
Rotary Angle	0~270° for option											
Withstand voltage	DC24V/AC24V 500VDC 60S AC110V/AC220V/AC380V 1500VDC 60S											
Insulation resistance	DC24V/AC24V 100MΩ/250VDC AC110V/AC220V/AC380V 100MΩ/500VAC											
Protection class	IP67											
Conduit entry	2×M18×1.5CABLE GLAND											
Protective device	(automatic recover type) thermal protector											
Limit switch	Electric work: close/open limit switch Manual work: mechanical limit											
Installation location	At any angle											
Working temperature	-20℃ ~ 60℃											
Material of body	Aluminium alloy											



Model	Output torque	90° operating time of	Power supply	butterfly valve	butterfly valve	Ball valve	Aeration butterfly valve
BN020/040/060	200/400/600N.m	15S/30S/45S	AC110V AC220V AC380V DC24V	≤PN1.6MP			≤0.1MP
				DN80/DN125/DN200	DN150/DN200/DN250	DN65/DN80/DN125	DN250/DN350/DN400

Model	BN100			BN150		
Power supply	AC110V	AC380V	AC220V	AC110V	AC380V	AC220V
Motor power	120W	90W	120W	140W	100W	140W
Rated current	1.95A	0.5A	0.95A	1.75A	0.46A	0.98A
Output torque	1000N.m			1500N.m		
Operating time	45S 60S for option					
Action type	B S R P DP DR T D H					
Rotary Angle	0~270° for option					
Withstand voltage	AC110V/AC220V/AC380V 1500VDC 60S					
Insulation resistance	AC110V/AC220V/AC380V 100MΩ/500VAC					
Protection class	IP67					
Conduit entry	2×M18×1.5CABLE GLAND					
Protective device	(automatic recover type) thermal protector					
Limit switch	Electric work: close/open limit swich Manual work: mechanical limit					
Installation location	At any angle					
Working temperature	-20℃ ~ 60℃					
Material of body	Aluminium alloy					



Model	Output torque	90° operating time of	Power supply	butterfly valve	butterfly valve	Ball valve	butterfly valve
BN-010	50N.m	15S	AC110v AC220v AC380v DC24v	≤PN1.6MP			≤0.1MP
	100N.m	30S		≤DN80	≤DN32	≤DN80	
				DN32~DN65	DN80~DN125	DN40~DN65	DN100~DN200