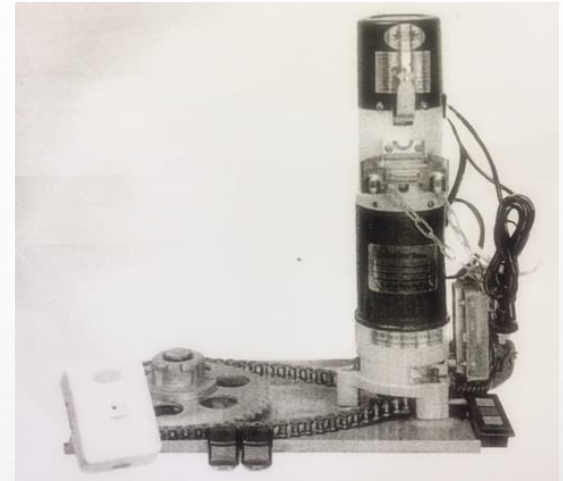


# **ROLLING DOOR MOTOR**



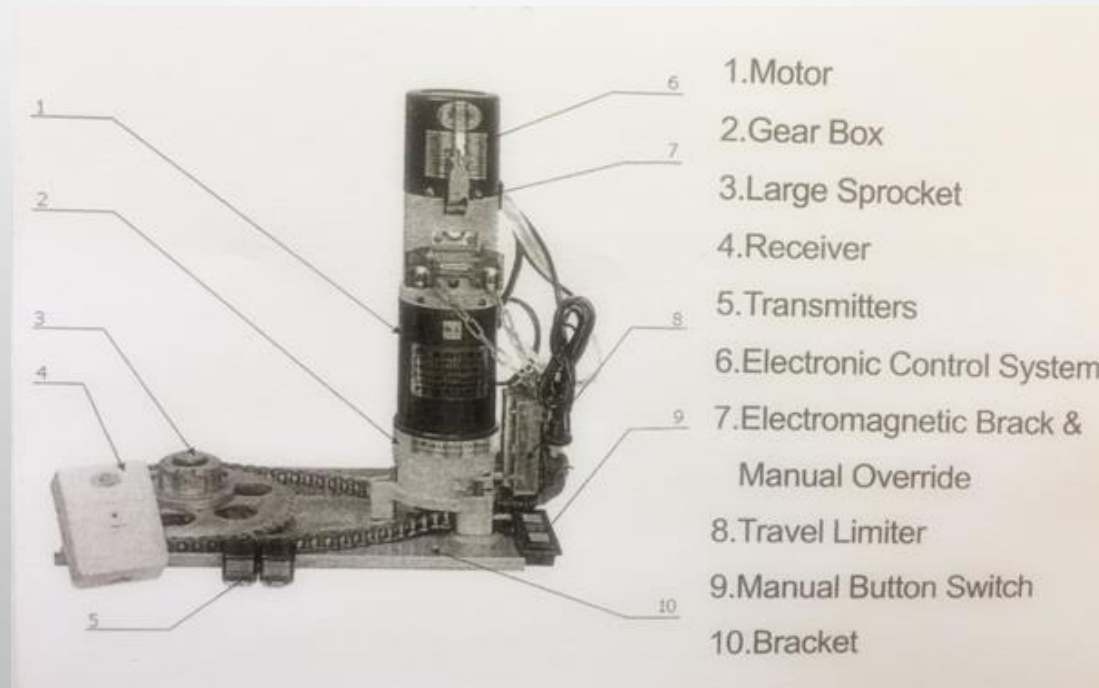
INSTRUCTIONS

PLEASE READ CAREFULLY BEFORE  
INSTALLING

# PRODUCT FEATURES

- ROLLER SHUTTERS IS OPENED AND CLOSED BY PUSH BUTTON SWITCH, ACCURATE AND RELIABLE IN POSITIONING, SAFE FOR OPENING AND CLOSING.
- WHEN POWER FAILS, YOU CAN PULL THE MANUAL CHAIN TO ROLL UP OR DOWN THE DOOR, OR PULL THE MANUAL OVERRIDE TO CLOSE THE DOOR UNDER GRAVITY.
- THERE IS AN OVERHEAT PROTECTOR INSIDE THE MOTOR, WHICH HAS OVERHEATING PROTECTION.
- TRAVEL LIMITER ADOPTS SCREW-AND-NUT DRIVE MECHANISM, HAS SENSITIVE LIMIT CONTROL AND EASY TO ADJUST. THE TRAVEL CONTROL DISTANCE CAN REACH TO 10 METERS.
- REASONABLE DRIVE MECHANISM DESIGN. ADVANCED CRAFT, DURABLE GEARS, LOW NOISE AND LOW VIBRATION.
- BRAKE MECHANISM ADOPTS HORSESHOE-SHAPED BUILDER, FRICTION LINING IS MADE OF ADVANCED FRICTION MATERIALS. WITH LARGE FRICTION AREA, THE DOOR HAS SPEED LIMIT PROTECTION (CONSTANT SPEED) UNDER GRAVITY.
- WHEN THE MOTOR RUNS, THE TORQUE IS LARGE AND THE OVERLOAD CAPACITY IS POWERFUL.
- CAN BE EQUIPPED WITH WIRELESS REMOTE CONTROLLER, HAS GOOD ANTI-THEFT FUNCTION.

## MAIN STRUCTURE



## TECHNICAL SPECIFICATIONS

AC Rolling Door Motor							
Model No	Max Upgrade Weight (KG)	Max Upgrade Height (M)	Output Power (W)	Current Rating (A)	Output Torque (N.m)	Rotation (r/min)	Chain No.
220V 50Hz (230V 60Hz)							
YZ-300-1P	300	4.5	250	2.5	168	4.0	10A
YZ-400-1P	400	4.5	250	2.5	345	4.0	10A
YZ-500-1P	500	6	370	3.5	412	5.9	10A
YZ-600-1P	600	6	370	3.5	412	5.2	10A
YZ-700-1P	700	7	380	3.8	412	5.0	10A
YZ-800-1P	800	9	400	4.2	650	4.8	10A
YZ-1000-1P	1000	10	550	5.8	810	4.2	10A
380V 50Hz (380V 60Hz)							
YZ-800-3P	800	9	370	1.3	650	4.8	10A
YZ-1000-3P	1000	10	550	1.8	810	4.2	10A
YZ-1300-3P	1300	10	600	2.0	1050	4.2	12A
YZ-1500-3P	1500	10	800	2.5	1220	3.8	12A
YZ-2000-3P	2000	10	1200	4.5	2450	3.6	12A

**NOTE: THIS SPECIFICATION SHEET IS FOR REFERENCE ONLY**

## TECHNICAL SPECIFICATIONS

DC Rolling Door Motor							
Model No.	Max Upgrade Weight (KG)	Max Upgrade Height (M)	Output Power (W)	Current Rating (A)	Output Torque (N.m)	Rotation (r/min)	Chain No.
DC 24V							
DC24V-300KG	300	6	200	12	168	4.9	10A
DC24V-400KG	400	6	200	12	168	4.9	10A
DC24V-500KG	500	6	240	14	412	4.6	10A
DC24V-600KG	600	6	240	14	412	4.2	10A
DC24V-800KG	800	9	380	16	650	3.9	10A

**NOTE: THIS SPECIFICATION SHEET IS FOR REFERENCE ONLY**

# ATTENTION

- TO ENSURE THE SAFETY OF EQUIPMENT, THE POWER SUPPLY CIRCUIT SHOULD BE EQUIPPED WITH THE CORRESPONDING FUSE OR AUTOMATIC AIR SWITCH.
- TO ENSURE PERSONAL SAFETY, ROLLING DOOR MOTORS SHOULD BE EQUIPPED WITH NEUTRAL OR EARTH WIRE PROTECTION.
- TRAVEL LIMITER ADJUSTMENT: WHEN THE DOOR ROLLS UP TO THE HIGHEST POINT OR DOWN TO THE LOWEST POINT, ADJUST THE LIMITED BLOCK TO MAKE THE MICRO SWITCHES DISCONNECTED FROM THE LIMIT OF NORMALLY CLOSED CONTACT. AFTER ADJUSTMENT, THE SCREWS SHOULD BE TIGHTENED.
- WHEN USING THE BUTTON SWITCH FOR ROLLING, IF YOU WANT TO ROLL THE DOOR FROM UP TO DOWN, OR DOWN TO UP, SHOULD PRESS THE STOP BUTTON FIRST, THEN PRESS THE UP/DOWN BUTTON, WHICH IS TO STOP FIRST THEN TURN DIRECTION.
- PAY ATTENTION TO THE LUBRICATION OF THE DRIVE SCREW AND THE DRIVE ROLLER CHAIN, THEY SHOULD BE LUBRICATED WITH MACHINE OIL REGULARLY TO INCREASE WORKING LIFE.
- PAY ATTENTION TO THE FRICTION LINING FRAY OF THE ELECTROMAGNETIC BRAKE MECHANISM, IF WORN LARGELY AND AFFECTS THE SUCTION OR BRAKE, IT SHOULD BE ADJUSTED AND GUARANTEED THE GAP IN 0.88MM.
- PAY ATTENTION TO THE INSTALLATION ENVIRONMENT, IF IN DUSTY PLACES OR IN OUTDOORS, THE MOTORS SHOULD BE COVERED WITH A DUST CAP.
- PAY ATTENTION TO THE RATED WORKING TIME (SHORT TIME WORK SYSTEM), CONTINUOUS WORKING SHOULD NOT EXCEED 5 MINUTES.
- THE REST TIME BETWEEN MOTOR RUNS IS LONG ENOUGH TO ENSURE THAT THE TEMPERATURE RISES ON THE MOTOR, DOES NOT EXCEED THE REQUIREMENT ON IEC 60335-1/A1:2013
- WHEN USING THE ROLLING DOOR MOTOR, THE OPERATING PERSON SHOULD NOT LEAVE, WHEN ABNORMAL SITUATION HAPPENS, CUT OFF THE POWER IMMEDIATELY, AND CHECK TIMELY. THE MOTOR CAN WORK AGAIN AFTER TROUBLESHOOTING. DO NOT STAND UNDER THE DOOR WHEN THE MOTOR IS RUNNING.
- PAY ATTENTION TO THE DRIVE ROLLER CHAIN, IT SHOULD NOT BE ADJUSTED TOO TIGHT O TOO LOOSE.
- USERS SHOULD CHOOSE THE SUITABLE MODEL ACCORDING TO ACTUAL SITUATION TO AVOID OVERLOAD USE.

# ACCESSORIES

- SPROCKET BRACKET 1
- ROLLER CHAIN 1
- BEARING & BEARING BLOCK 1
- SQUARE PLATE 1
- LARGE SPROCKET 1
- SHAFT 1
- CIRCULAR PLATES 3
- REMOTE CONTROL 1