

LET'S MODERATE YOUR LIFE STYLE



GRACE ENGINEERING

OUR SERVICES

AUTO DOOR

AUTO GATE

**AUTO
ROLLING SHUTTER**



GRACE ENGINEERING GREETINGS

Mutual trust and providing continuous development in new technology are the Grace Engineering's ways of serving its valuable clients.

To ensure customers' safety and convenience, we continue our efforts through systematic development and keeping the quality control in our relevant field of activity which ranging from installation to service.

We win confidence of our clients by providing solid profiled products and look forward to have your fever though our honesty and dedication to work.

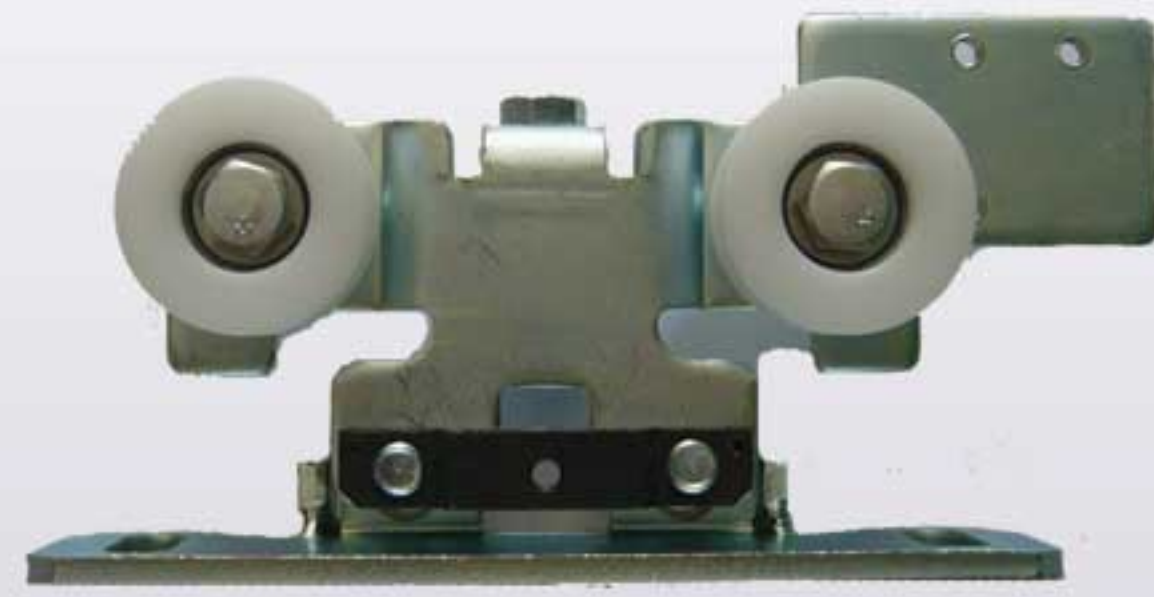
While concluding we express our feeling of gratitude and assure you of our best service and attention on all future occasions.

AUTOMATIC SLIDING DOOR



Idler Pulley

With the running of motor to move the transmitting belt in order to transmit the opening and closing of the door.



Hanger Block

Used to hang door, equipping with rollers, which moves along the engine case silently.

Transmitting Belt

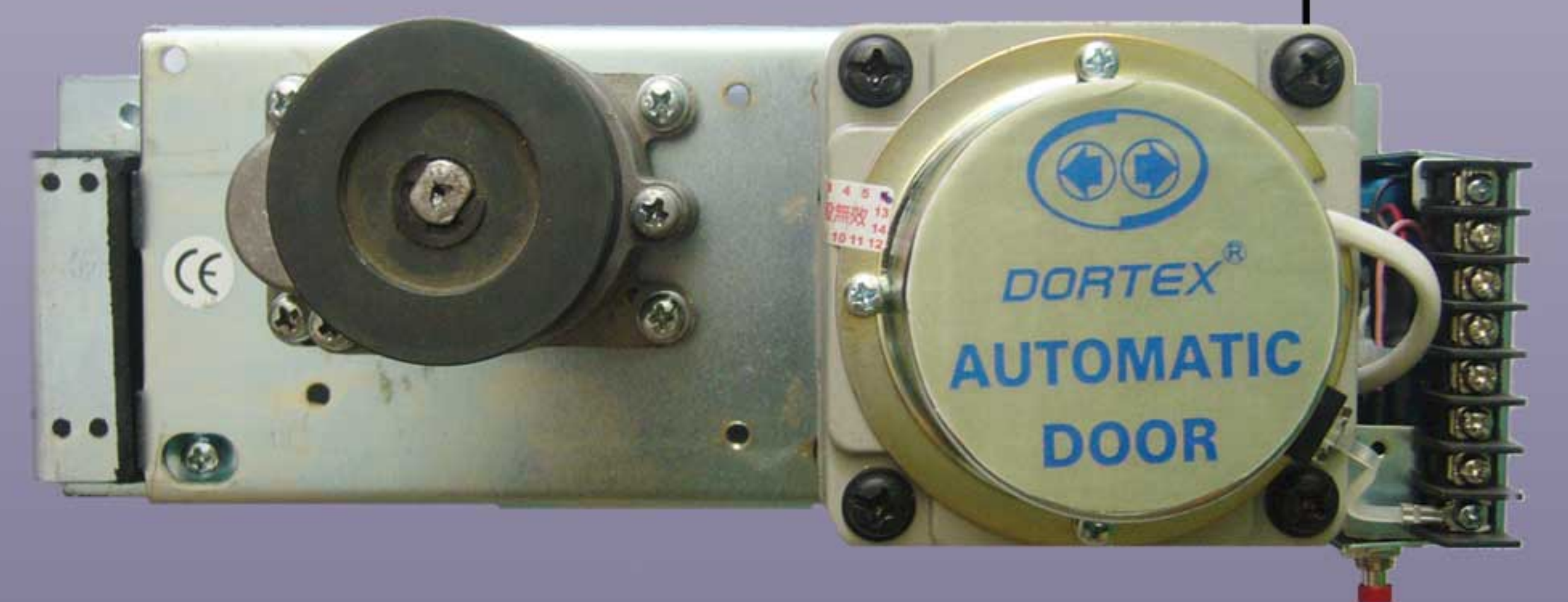
Strong, not easy fatigued, not deformed for long term use, no noise in running

Standard type : v- type belt
Optional type : timing belt.



DC Brushless Motor

High torque but quite, very effective and durable, none-warming feature in spite of continuous operation.



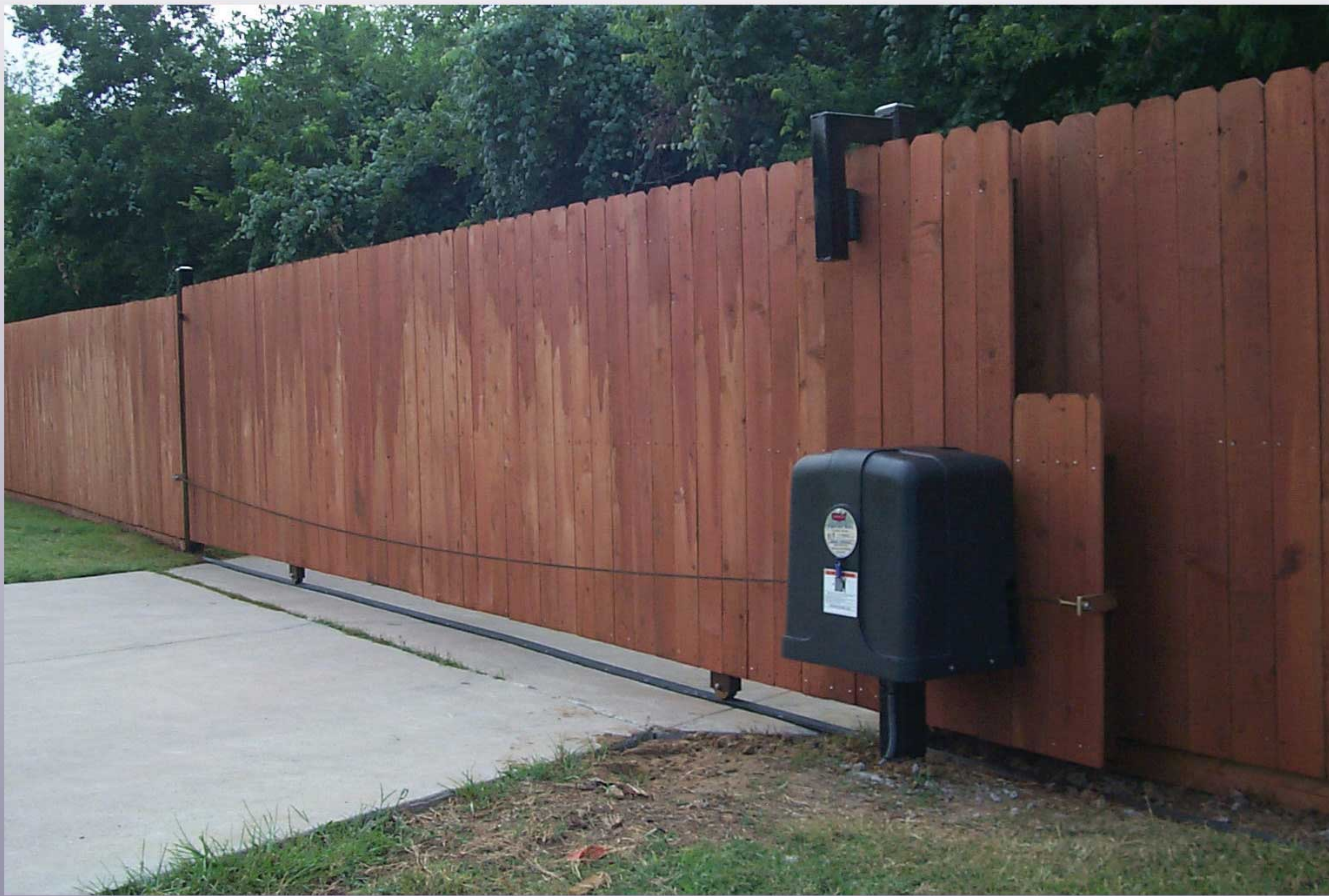
Power Supply

Output power can supply motor and sensors to use, good heat and dissipation and highly efficient.



Horizontal type	Single	Double
Door Weight	125KGx1	125KGx2
Aluminium case	2.1~ 6.4m	2.1~ 6.4m
Opening Speed	45 ~ 55cm/sec(Adjustable)	90 ~ 110cm/sec(Adjustable)
Closing Speed	20 ~ 50cm/sec(Adjustable)	
Opening time	1 ~ 9sec(Adjustable)	
Controller	8 bit micro computer	
Motor	DC 12V 35W brusless motor	
Power Voltage	AC110V/220V 50/60HZ	
Power consumption	45W	

AUTOMATIC SLIDING GATE



Photocell



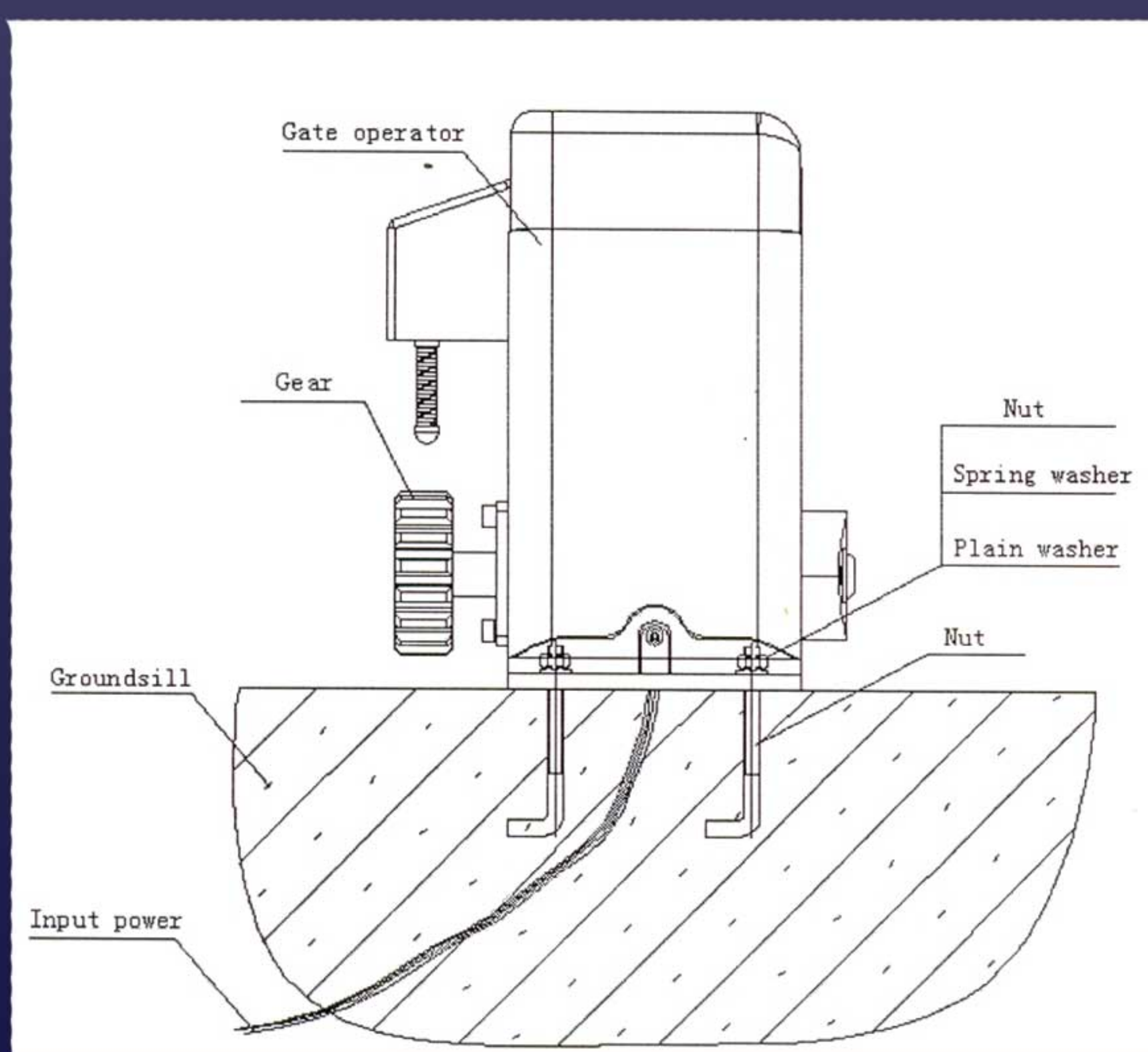
Remote Control



Gear Motor



Metal Gear Rack



Main Technical Parameters:

Capacity: (400 KG to 1400 KG)

Power Supply: 220V, 50Hz

Remote Control Operating Distance:

30M (Frequency: 433.92MHz)

Remote Control Mode: Single Button

Out Put Torque: 12N.m To 32 N.m

Limit Switch: Spring limit Switch

Noise: $\leq 58\text{dB}$ To $\leq 60\text{dB}$

Duty Cycle: S2, 15 minutes

Environmental Temperature: -20°C $\sim +70^{\circ}\text{C}$

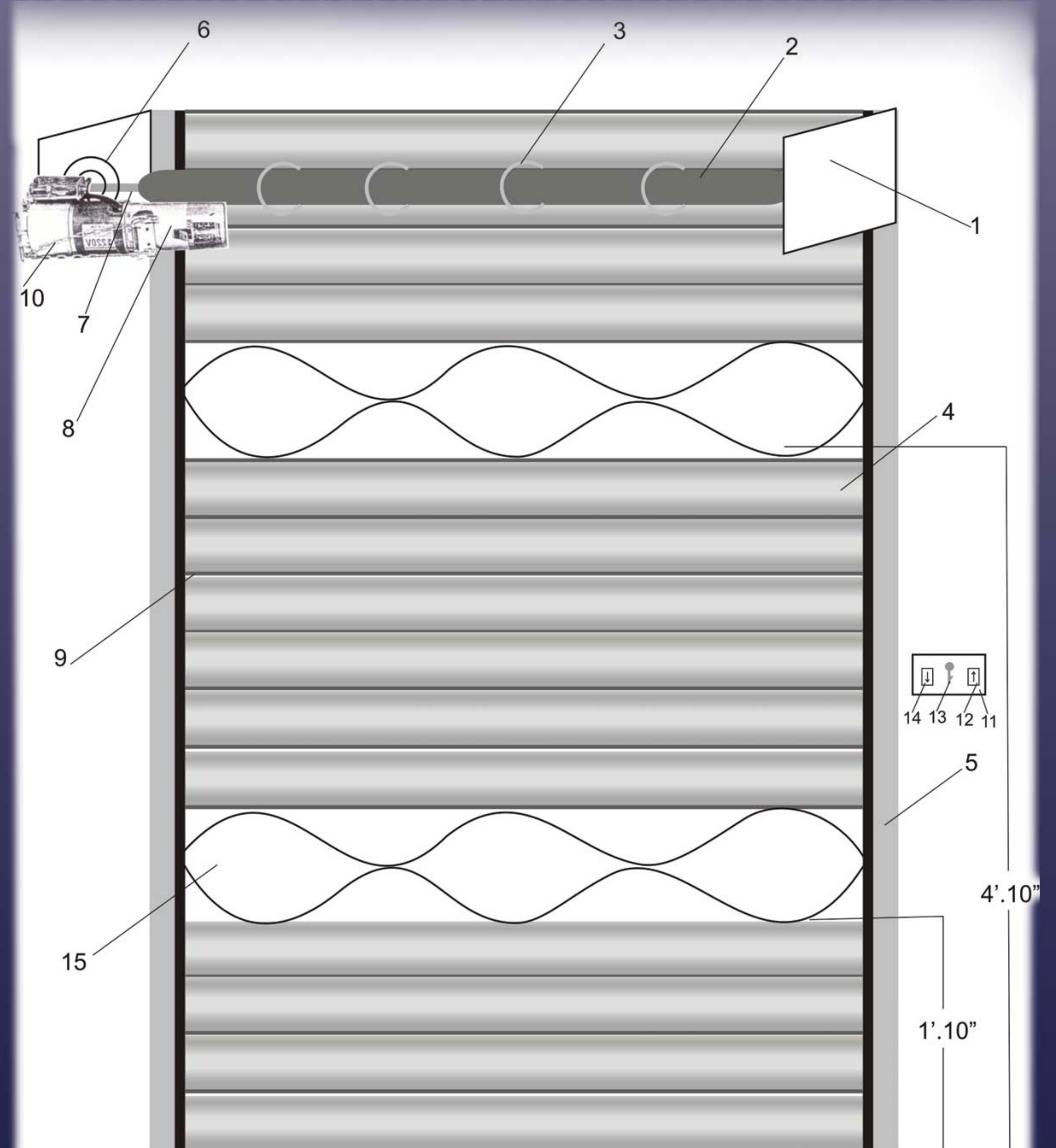
Gate move Speed: 11m/min to 13m/min

AUTOMATIC ROLLING SHUTTER



Material Details

- | | |
|----------------------------|--------------------------------|
| 1.Side plate | = size 1' x 1' feet [S.W.G.14] |
| 2.Rolling pipe | = size 2" x length? [S.W.G.14] |
| 3.Rolling ring | = size dia 8" [S.W.G.14] |
| 4.Rolling MS sheet | = size [S.W.G.24] |
| 5.Rolling guide | = size |
| 6.Universal bearings | = size |
| 7.Bearing shaft | = size 1" dia |
| 8.Gear motor | catalogue attached with |
| 9.Rolling sheet joint | = Size 3" round |
| 10.Manual operating chain= | |
| 11.Operating board | = Btchino made in Italy |
| 12.Up push | = Btchino made in Italy |
| 13.Lock Key | = Btchino made in Italy |
| 14.Down push | = Btchino made in Italy |
| 15.Bending iron rod | = 3" x 5" x 4" |



Grace Engineering

20-G, Khawaja Arcade, Wahadat Road, Lahore-Pakistan

+92-42-37537120, 37503120, Fax : +92-42-37569346

gracetech@nexlinx.net.pk, techgrace@hotmail.com, www.gracetech.com.pk