Motor speed: 6000RPM/36V, DC
Rated load: 450 Kg

No load current (pull) ≤ 1.2A
No load current (push) ≥ 1.2A

Speed (no load) 5.520.5 mm/s
Retracted length Refer to following chart

Voice
50/60 Hz constant voice (under 500 Hz)
Stroke length Refer to following chart

Load characteristics (36VDC)
Load current (push) ≤ 4.0A
Load current (pull) ≥ 2.0A
Load speed (push) 4.250.5 mm/s
Load speed (pull) 540.5 mm/s

Other
Transmission ratio 66:1
Waterproof grade IP53
Outer tube fixing Grip
Motor bearing model ****
Oil for screw/gear Grease
Magnetic pole of magnet 6
Sensor model Bond(50')
Sensor pullback Refer to following chart
Power supply polarity Power connect with the red wire (+), actuator push

Motor running:
The red wire connect with the positive (+) pole, the inner tube is extended. The black wire connect with the positive (+) pole, the inner tube is retracted. Upper switch connect with red wire and carbon brush red wire. Lower switch connect with the power black wire and carton brush black wire. Red carbon brush wire connect with the right side of the carbon brush wire and the black carbon brush wire connect with the left side.

Size Retracted length A (MM) Stroke length B (MM) Part No. Signal
48" 1470～1490 1110～1160 06143-48XXY 2100～2190
36" 1165～1185 810～860 06143-36XXY 1530～1625
24" 855～875 510～560 06143-24XXY 960～1060
18" 710～730 360～410 06143-18XXY 680～775
12" 555～575 210～260 06143-12XXY 400～490