

## Specifications

### NKLA52

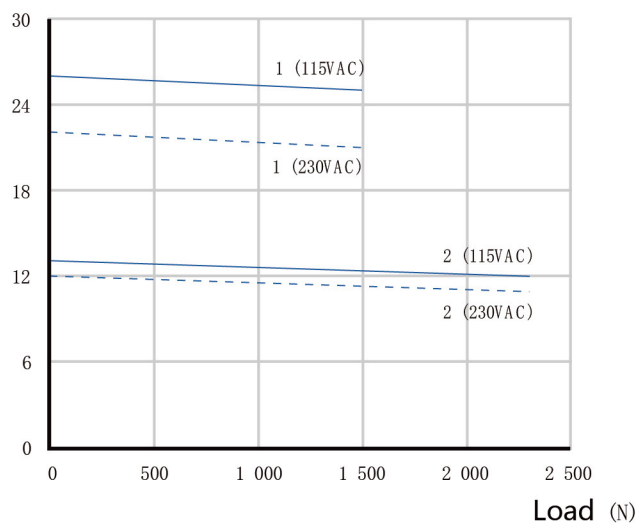
- \* Stroke Length: 102~610mm
- \* Color: Black
- \* Limit Switch: Built-in
- \* Overload Protection : Yes
- \* Duty Cycle: 25%, max 2min continuous use
- \* IP Grade: IP65
- \* Operating Temperature: -26°C~+65°C
- \* Standard: CE
- \* Screw rotation



## Load and Speed

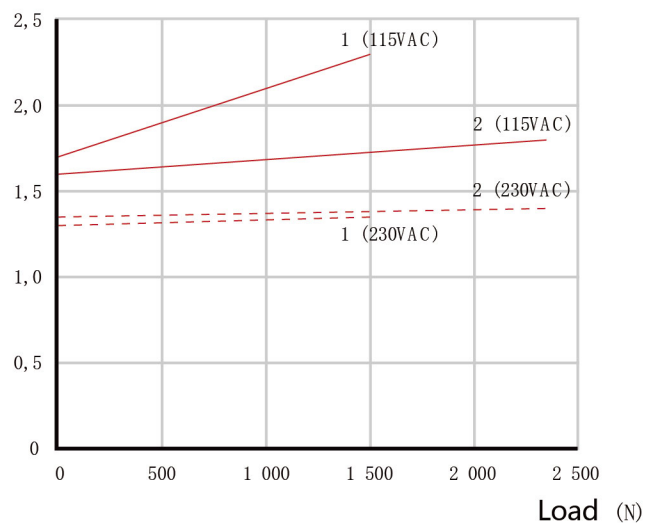
|                         |        |       |
|-------------------------|--------|-------|
| Dynamic Load push(N)    | 1500   | 2300  |
| Dynamic Load pull(N)    | 1500   | 2300  |
| Input/Frequency(VAC/Hz) | 115/60 |       |
| Speed(mm/s)             | 25~26  | 12~13 |
| Current Consumption(A)  | 2.3    | 1.8   |
| Input/Frequency(VAC/Hz) | 230/50 |       |
| Speed(mm/s)             | 21~22  | 11~12 |
| Current Consumption(A)  | 1.35   | 1.4   |

Speed (mm /s)



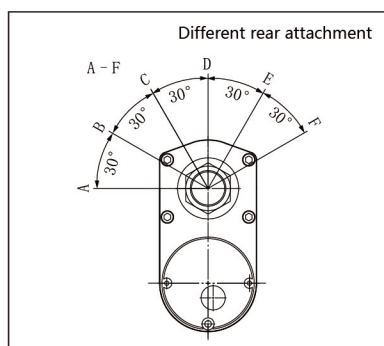
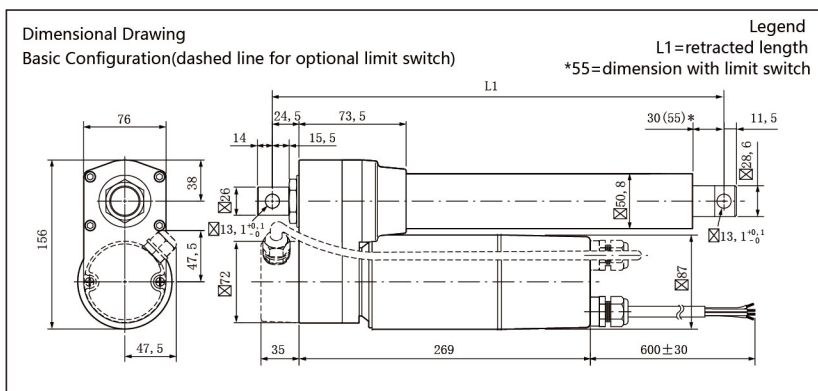
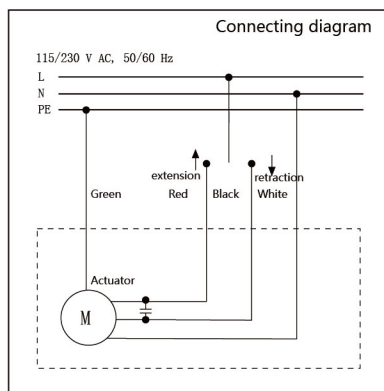
Speed - Load

Current Consumption(A)



Current-Load

## Dimension1

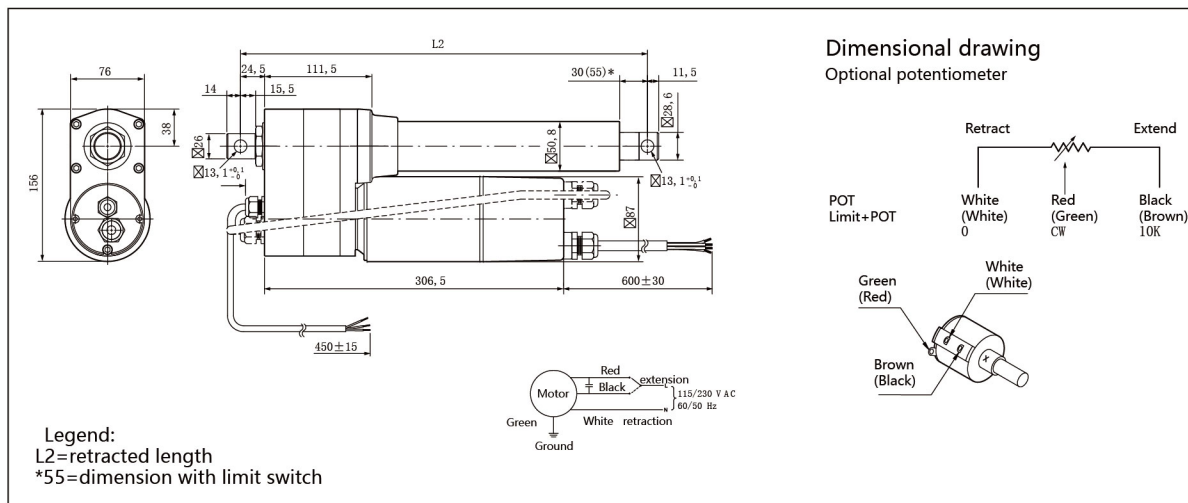


|                         |     |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|
| With limit switch(1)    |     |     |     |     |     |     |
| Stroke(mm)              | 102 | 153 | 204 | 305 | 457 | 610 |
| L1 Retracted Length     | 440 | 440 | 440 | 592 | 744 | 897 |
| Without limit switch(2) |     |     |     |     |     |     |
| Stroke(mm)              | 102 | 153 | 204 | 305 | 457 | 610 |
| L1 Retracted Length     | 380 | 415 | 415 | 465 | 668 | 821 |

(1)Tolerance: S and L1=±5.0mm(if S≥305mm, S=±7.5mm)

(2)Tolerance:  $S=\pm 2.5\text{mm}$  and  $L1=\pm 3.8\text{mm}$ )

## Dimension2



|                     | With limit switch(1) |     |     |     |     |     | Without limit switch(2) |     |     |     |     |     |
|---------------------|----------------------|-----|-----|-----|-----|-----|-------------------------|-----|-----|-----|-----|-----|
| Stroke(mm)          | 102                  | 153 | 204 | 305 | 457 | 610 | 102                     | 153 | 204 | 305 | 457 | 610 |
| L2 Retracted length | 478                  | 478 | 478 | 630 | 782 | 935 | 418                     | 453 | 453 | 503 | 706 | 859 |

(1)Tolerance: S and L2= $\pm 5.0\text{mm}$ (if  $S \geq 305\text{mm}$ ,  $S = \pm 7.5\text{mm}$ ) (2)Tolerance: S= $\pm 2.5\text{mm}$  and L2= $\pm 3.8\text{mm}$

|                          |       |       |       |       |       |       |
|--------------------------|-------|-------|-------|-------|-------|-------|
| Potentiometer resolution |       |       |       |       |       |       |
| Stroke(mm)               | 102   | 153   | 204   | 305   | 457   | 610   |
| Ohm/mm                   | 59, 0 | 59, 0 | 29, 5 | 29, 5 | 9, 84 | 9, 84 |