Product Data Sheet

MOTECK
MOTORIZE OUR WORLD

Double Motor - Twinmat
TW40 / TW60

Features

- TW40 / TW60 features high force, low noise level, and low built-in height. It is designed with Moteck owned patent listed and suitable for applications of adjustable beds.
- Main applications：furniture, homecare
- Input voltage：100V AC / 120V AC / 220V AC / 230V AC / 240V AC / 100~240V AC
- Max. load：2 x 4500N (TW40) / 2 x 6000N (TW60)
- Max. speed：5mm/sec @ no load
- Stroke：29～87mm
- Overload protection function
- Duty cycle：10% or 2 min continuous operation in 20 min.
- Protection class：Class II
- Certified：EN60335
- Noise Level：≦55dB

Options

- ◆ Position memory function
- ◆ Internal switch mode power supply
- ◆ External switch mode power supply
- ◆ Safety plug：SP4 (Wall plug type), SP5 (Power cord type)
- ◆ Drive additional 1～2 actuators
- ◆ IP protection level：IP54
- ◆ Color：Light gray (RAL 7035)
- ◆ Backup batteries 2*9V

SP4

SP5

Compatibility

1. Handset

(1) Wired：

Function	Moteck Communication type	Compatible handsets
Without position memory	P1	HC, HD, HF, HI, HJ, HM, H2N, H3N, H3NT, HT, H3T, H4N, H2Z
With memory function	S1	HI, H3N, H4N

(Remarks: Select DIN plug with Moteck A-type housing)

(2) Wireless：

TXH, TXT, TX2T, TXZ

2. Accessory

(1) RF 2.4G receiver：TXA

(2) Bluetooth receiver：TBA

TXA receiver

TBA receiver

(Remarks: Select DIN plug with Moteck A-type housing)

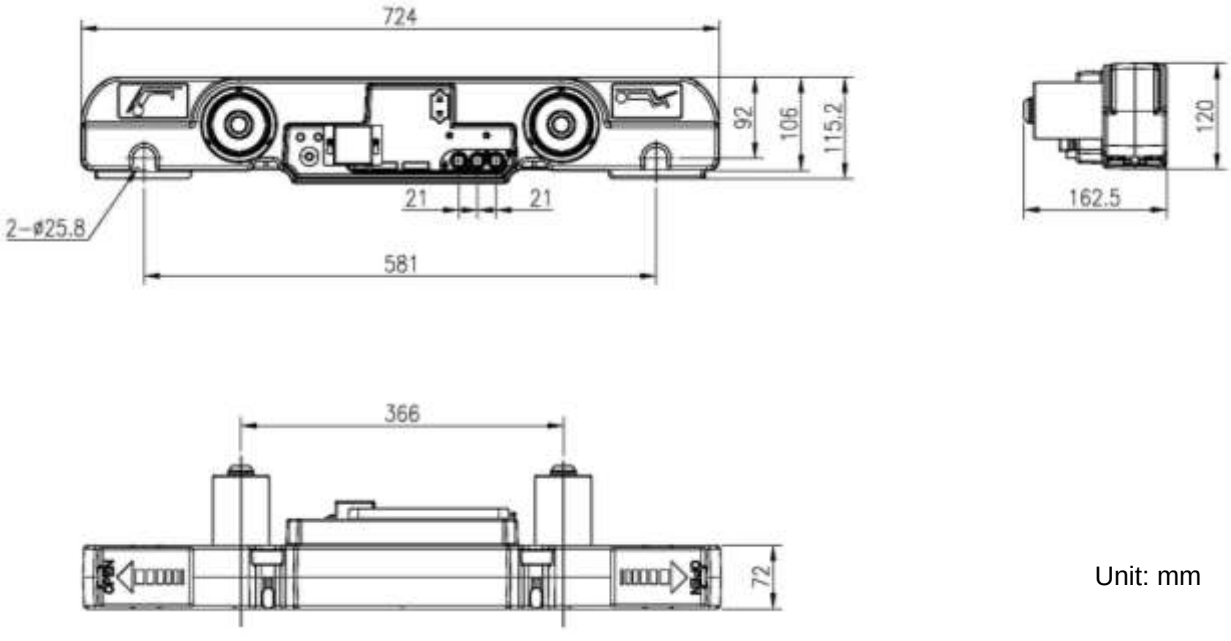
(3) External switch mode power supply：

TSW1, TSW2 (Support emergency lowering function with2*9V batteries)

TSW1

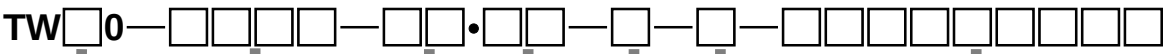
TSW2

Dimensions



Unit: mm

Ordering Key



Max. Load
4：4500N
6：6000N

Input Voltage
100：100V AC
120：120V AC
220：220V AC
230：230V AC
240：240V AC
TSW1：External SMPS(100 ~240V AC)
TSW2：External SMPS(100 ~240V AC)
ISW1：Internal SMPS(100 ~240V AC)

Stroke for Back
29～87mm

Stroke for Leg
29～87mm

Socket for Handset
1：1 socket

Number of Drive
2：2 motors
3：2 motors + 1 additional socket
4：2 motors + 2 additional sockets

Options
HS：Position Memory function
SP4：Safety plug (Wall plug type)
SP5：Safety plug (Power cord type)
54：IP54

Terms of Use
The user is responsible for determining the suitability of MOTECK products for specific applications. Due to continuous development in order to improve its products, MOTECK products are subject to frequent modifications and changes without prior notice. MOTECK reserves the right to discontinue the sale of any products displayed on its website or listed in its catalogue or other written materials drawn up by MOTECK.