



Bsun Keyboard Switches

Professional & Focused

2023.4.20



Company Introduction

Bsun was founded in 1993, we're committed to the keyboard switches and other accessories development, design, production and sales of high-tech companies. Focus on mechanical keyboard switches.

As mainly engaged in electronic products processing and OEM business, Bsun can provide customers with mold design, injection molding, injection, electronics assembly, and other train services.

The main products are connectors, keyboard switches, switch opener, keycap puller, switch puller, lubricant, stabilizer, hot swap socket and other computer accessories. We are the world's leading foundry keyboard switches to many world famous brands to provide custom OEM solution.





Classic Series

Blue/Red/Tea/Black

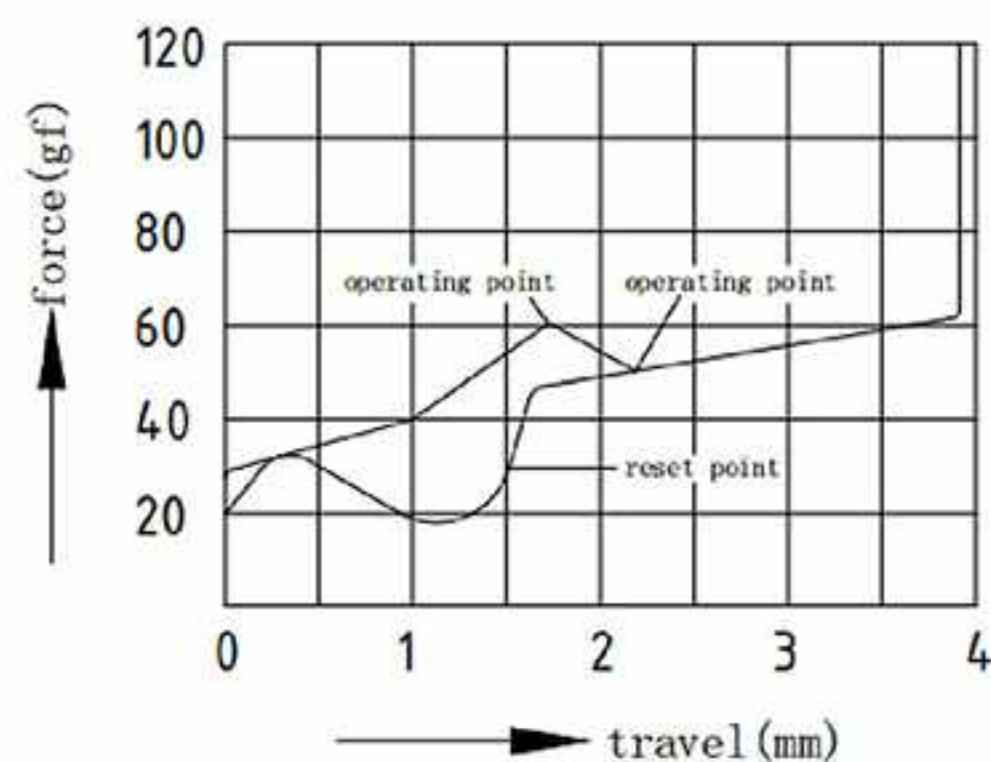




Blue Switch

(Clikey Switch)

force-travel-diagram
操作力-行程-图解



参数和材质

Parameters and materials

Action Travel: 2.1 ± 0.4 mm Operation Force: 38 ± 5 gf

Total Travel: 4.0 ± 0.5 mm Bottom Force: 65 ± 5 gf

Lifetime: 50 Million

Stem: POM

Cover: PC

Bottom: Nylon

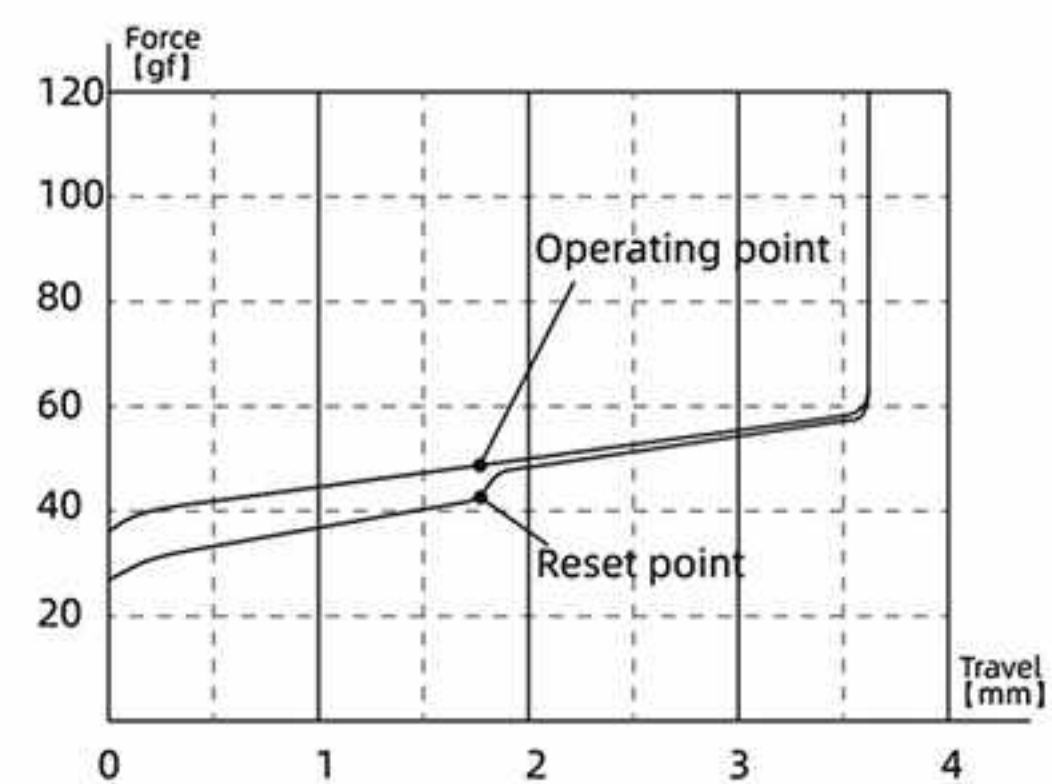




Red Switch

(Linear Switch)

force-travel-diagram
操作力-行程-图解



参数和材质
Parameters and materials

Action Travel: 2.0±0.4 mm	Operation Force: 50±10gf
Total Travel: 4.0±0.5 mm	Bottom Force: 60±10gf
Lifetime: 50 Million	
Stem: POM	Cover: PC Bottom: Nylon

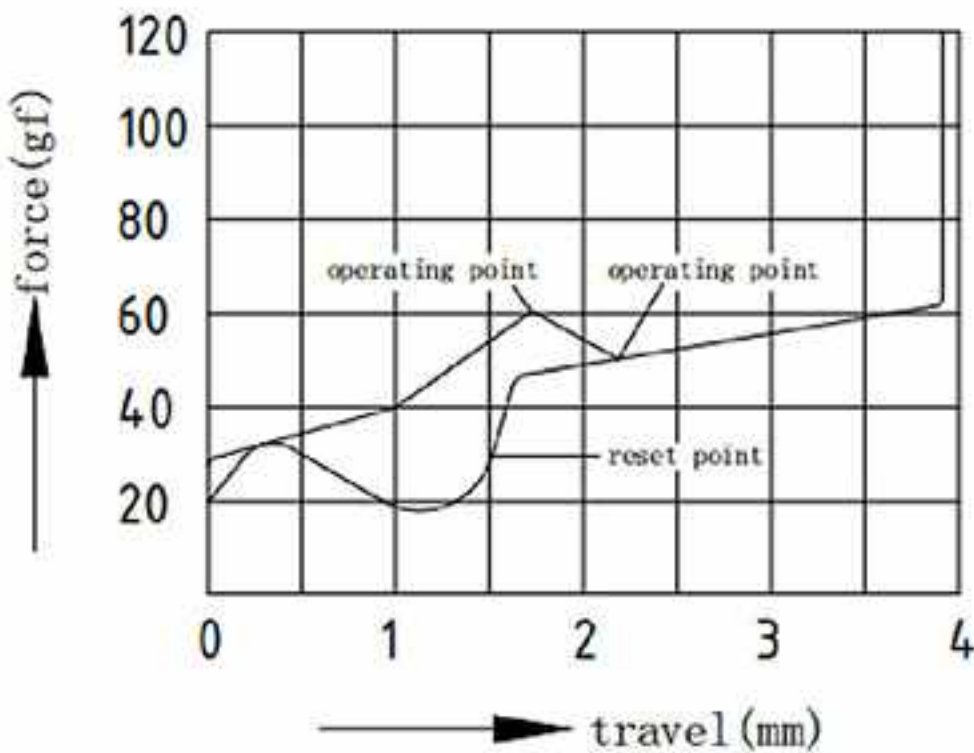




Tea Switch

(Tactile Switch)

force-travel-diagram
操作力-行程-图解



参数和材质

Parameters and materials

Action Travel:	2.2 ± 0.4 mm	Operation Force:	38 ± 5 gf
Total Travel:	4.0 ± 0.5 mm	Bottom Force:	65 ± 5 gf
Lifetime:	50 Million		

Stem: POM Cover: PC Bottom: Nylon

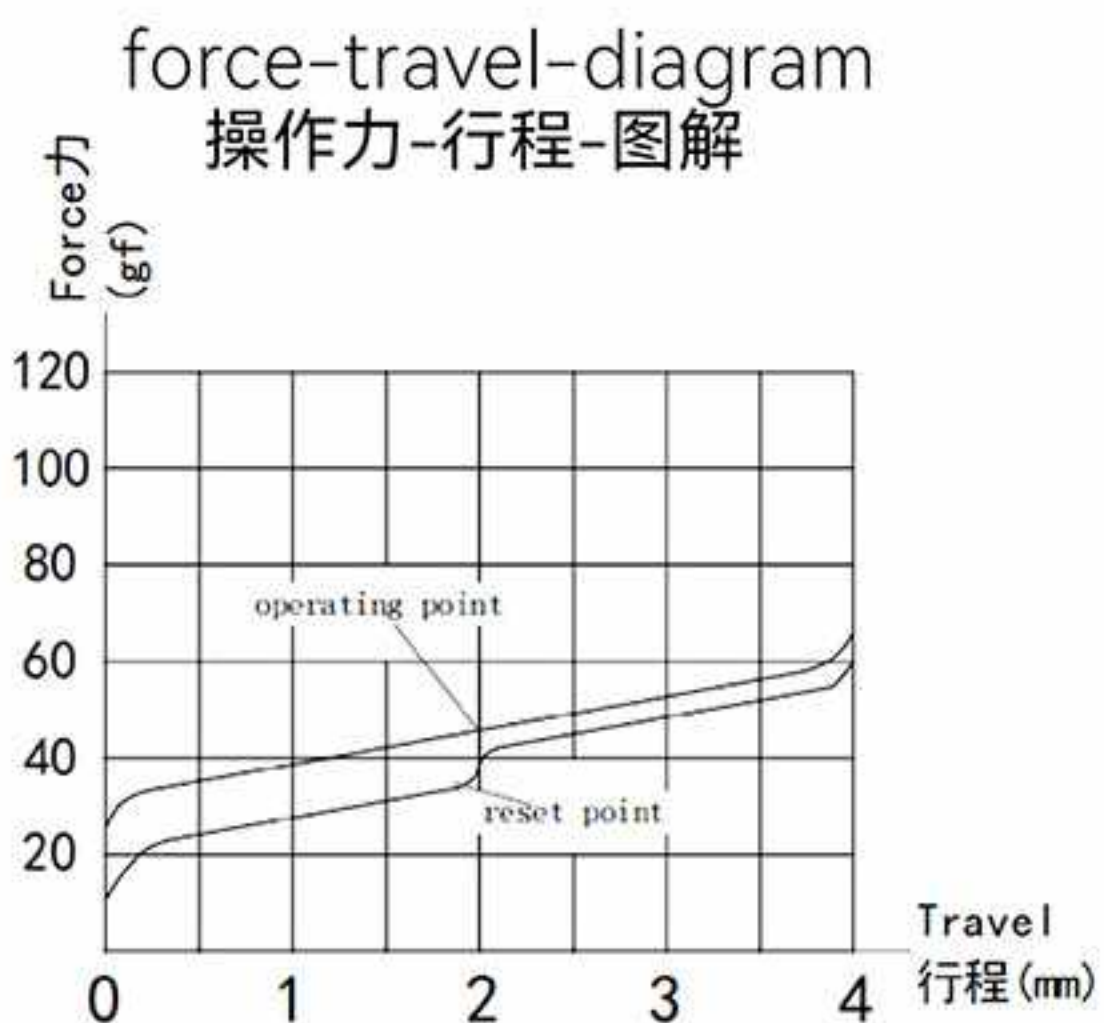




Black Switch



(Linear Switch)



参数和材质

Parameters and materials

Action Travel: 2.0 ± 0.4 mm Operation Force: 50 ± 10 gf

Total Travel: 4.0 ± 0.5 mm Bottom Force: 60 ± 10 gf

Lifetime: 50 Million

Stem: POM

Cover: PC

Bottom: Nylon





Ice Switch

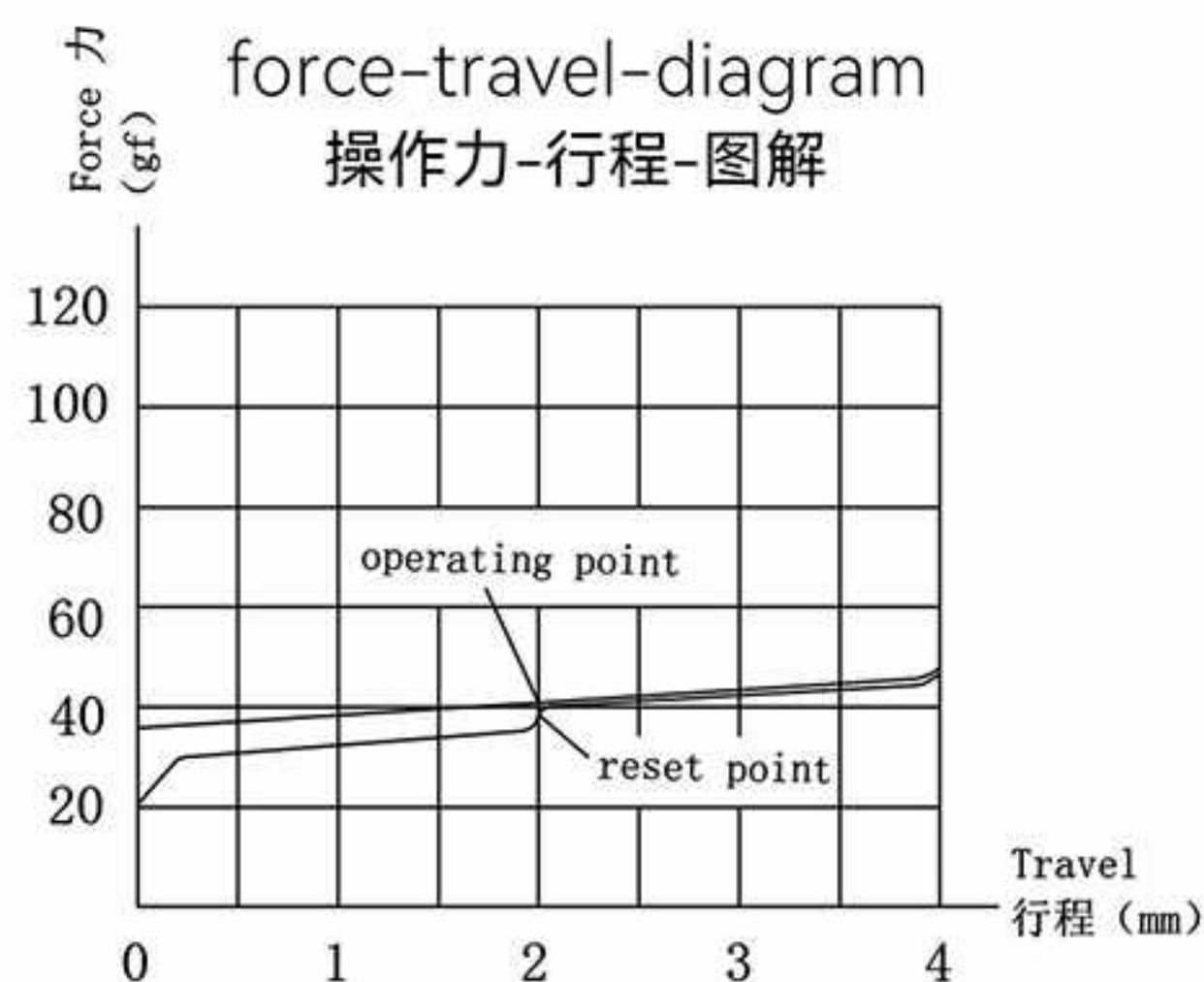
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $38 \pm 5\text{gf}$

Total Travel: $3.3 \pm 0.3\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 80 Million

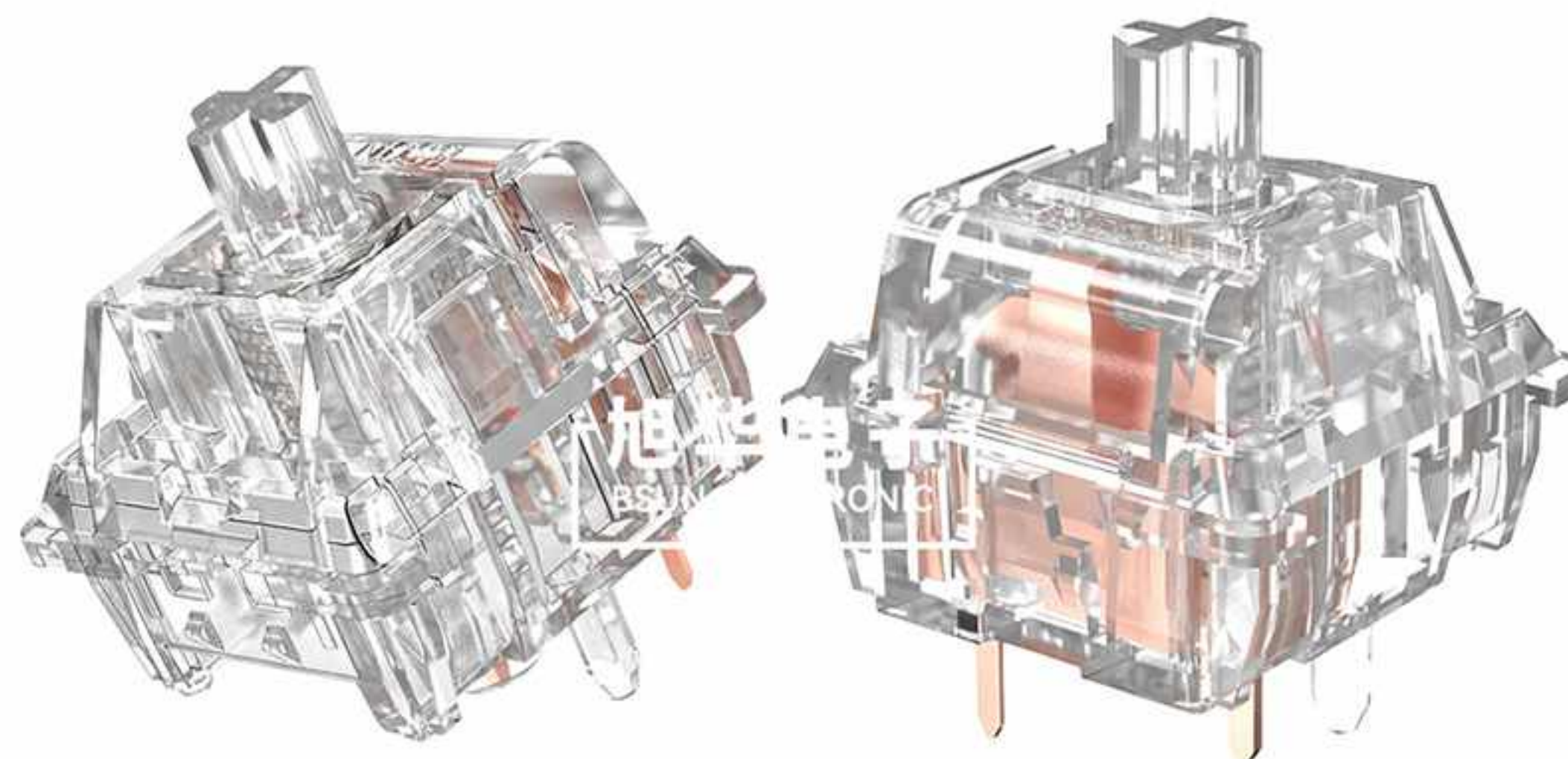


Stem: PC

Cover: PC

Bottom: PC

Ice Switch



Features:

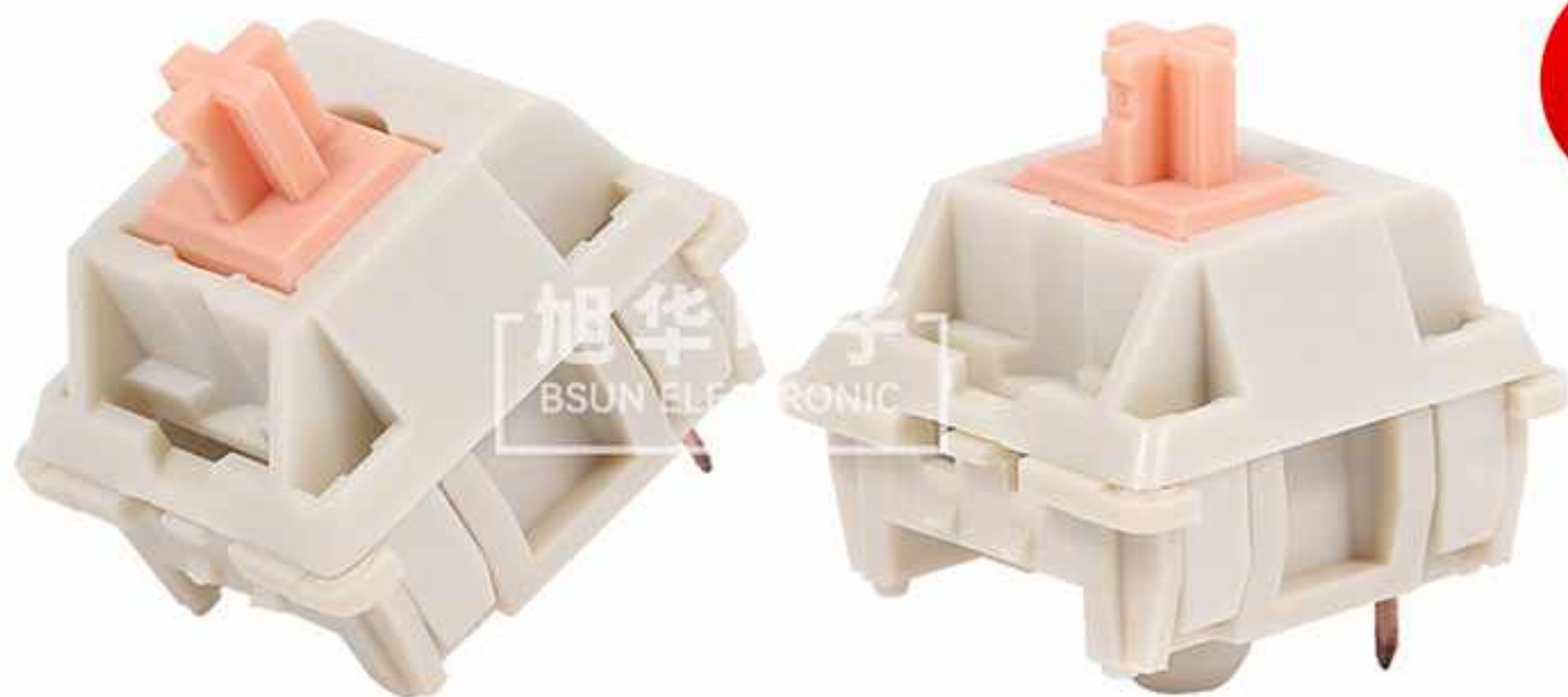
The Ice Switches are made by new upgrade transparent material, with factory lubed, 50million time lifes, Linear and Tactile can be chosen. Tapping is more relaxed and comfortable.



Bsun

Customized Switches Display





Stem: POM

Cover: PC

Bottom: Nylon

Holy Panda

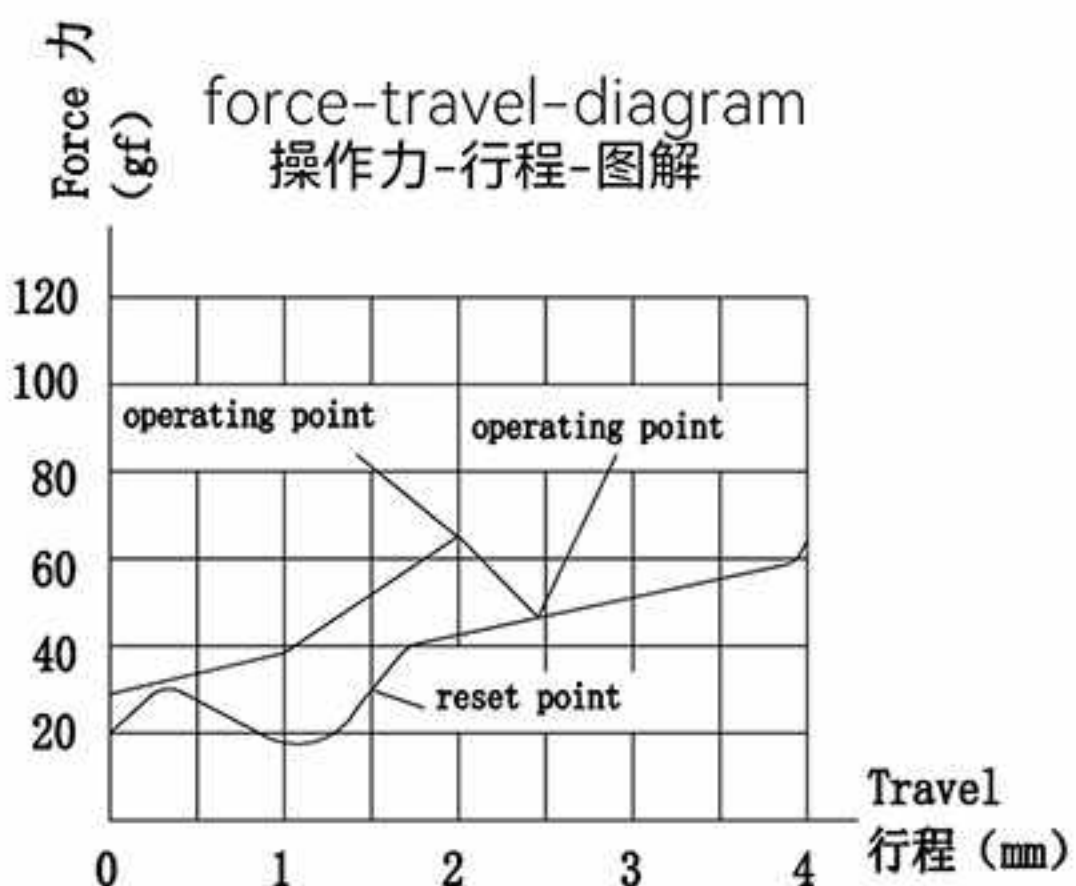
Action Travel: $2.3 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $3.4 \pm 0.3\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 80Million



Tactile Switch



Stem: POM

Cover: POM

Bottom: POM

Holy Panda V2

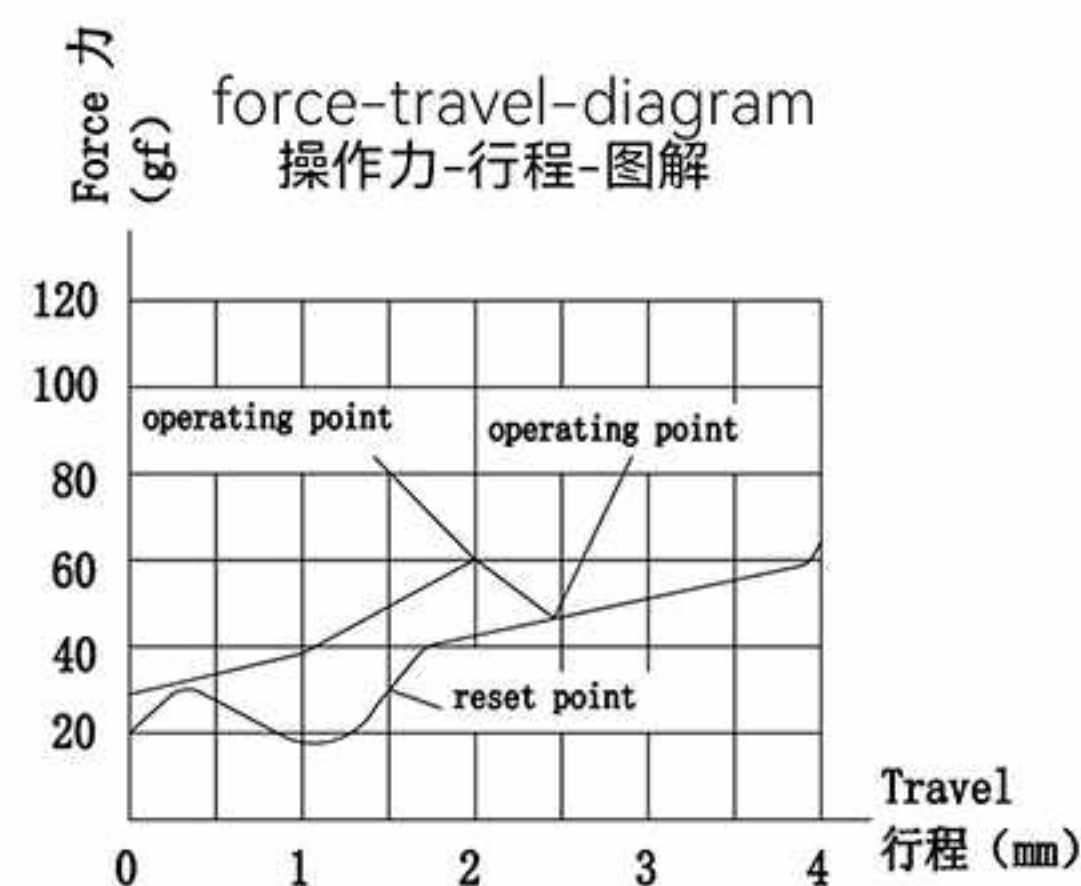
Action Travel: $2.3 \pm 0.4\text{mm}$

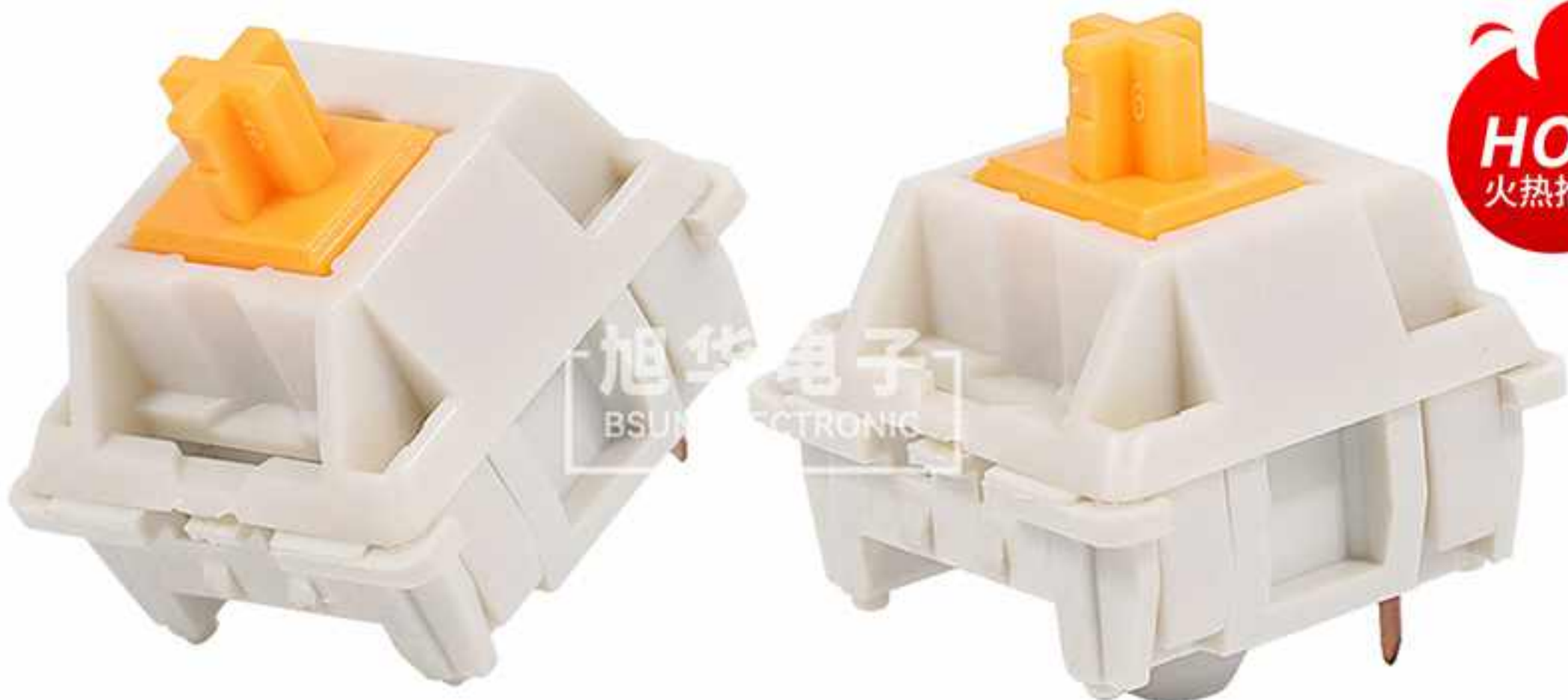
Operation Force: $45 \pm 5\text{gf}$

Total Trave: $3.4 \pm 0.3\text{mm}$

Bottom Force: $60 \pm 5\text{gf}$

Lifetime: 80Million





Stem: POM

Cover: PC

Bottom: Nylon

Glorious holy panda

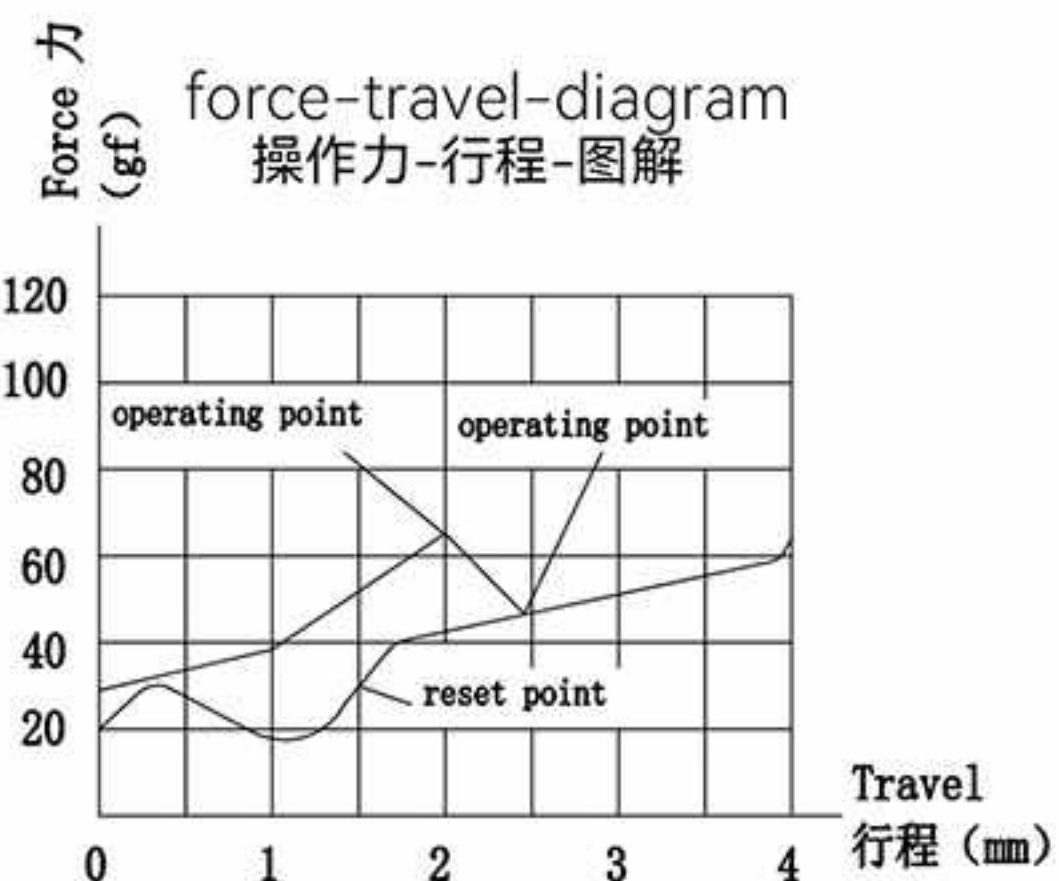
Action Travel: $2.3 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $3.4 \pm 0.3\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 80Million



Linear + Tactile



Stem: POM

Cover: PC

Bottom: PA

Lynx Switch

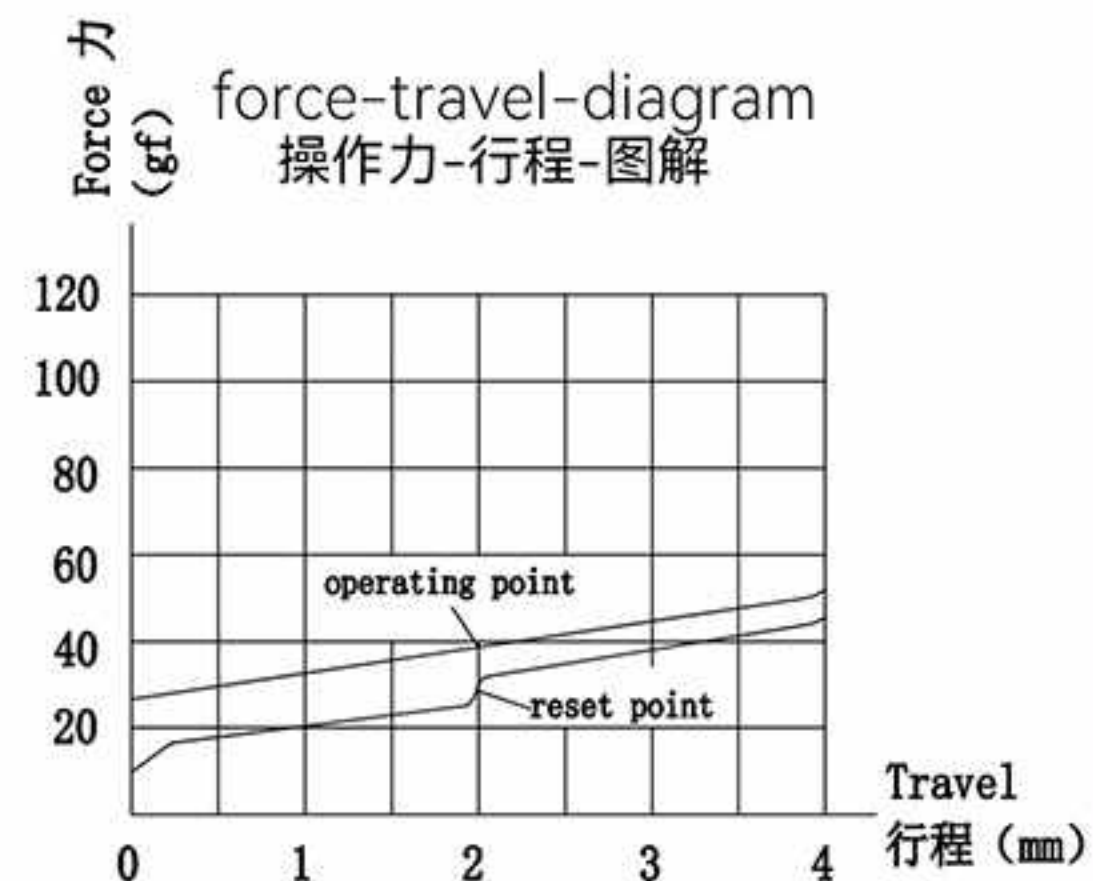
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $37 \pm 5\text{gf}$

Total Trave: $3.9 \pm 0.3\text{mm}$

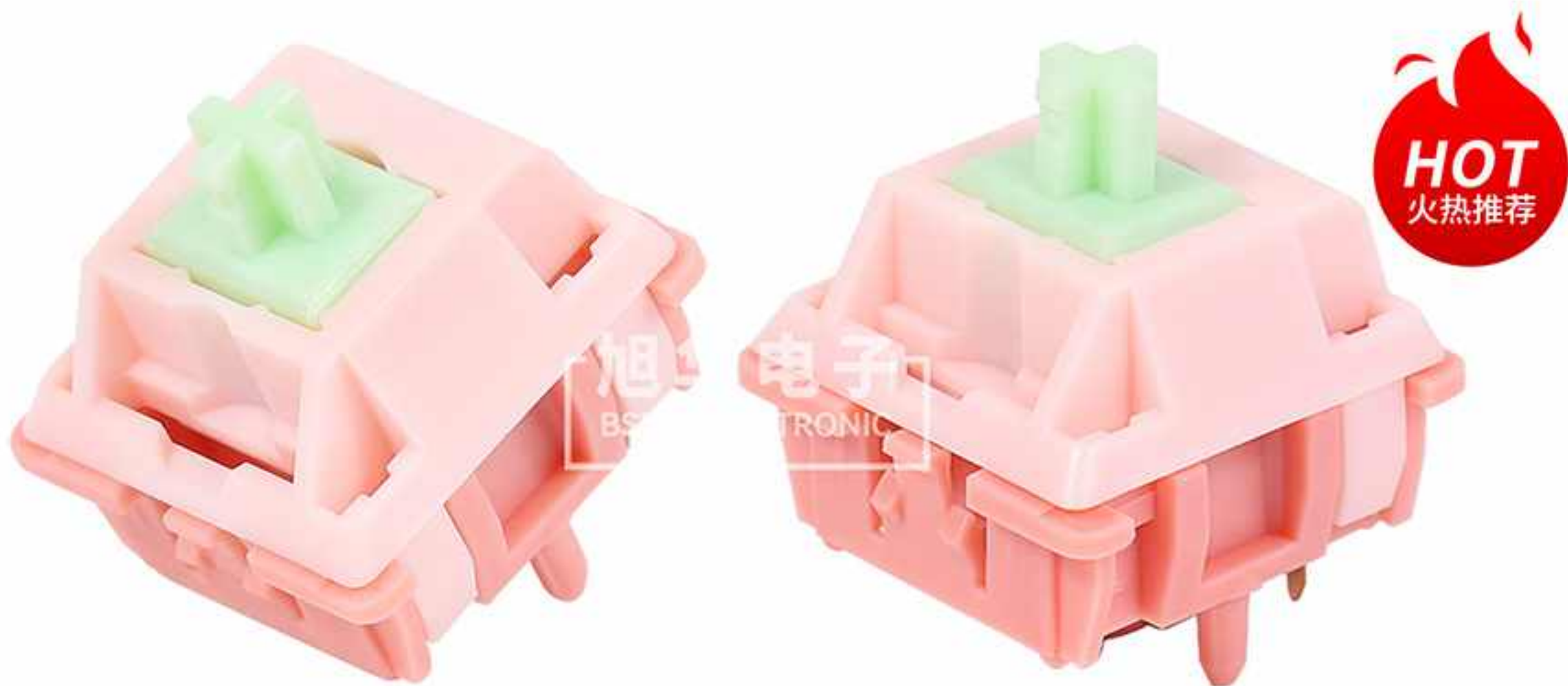
Bottom Force: $50 \pm 5\text{gf}$

Lifetime: 50Million





爆品精选
Linear Switch



Stem: LY Cover: POM Bottom: POM

Stem: LY Cover: PC Bottom: PC

Aniya Switch

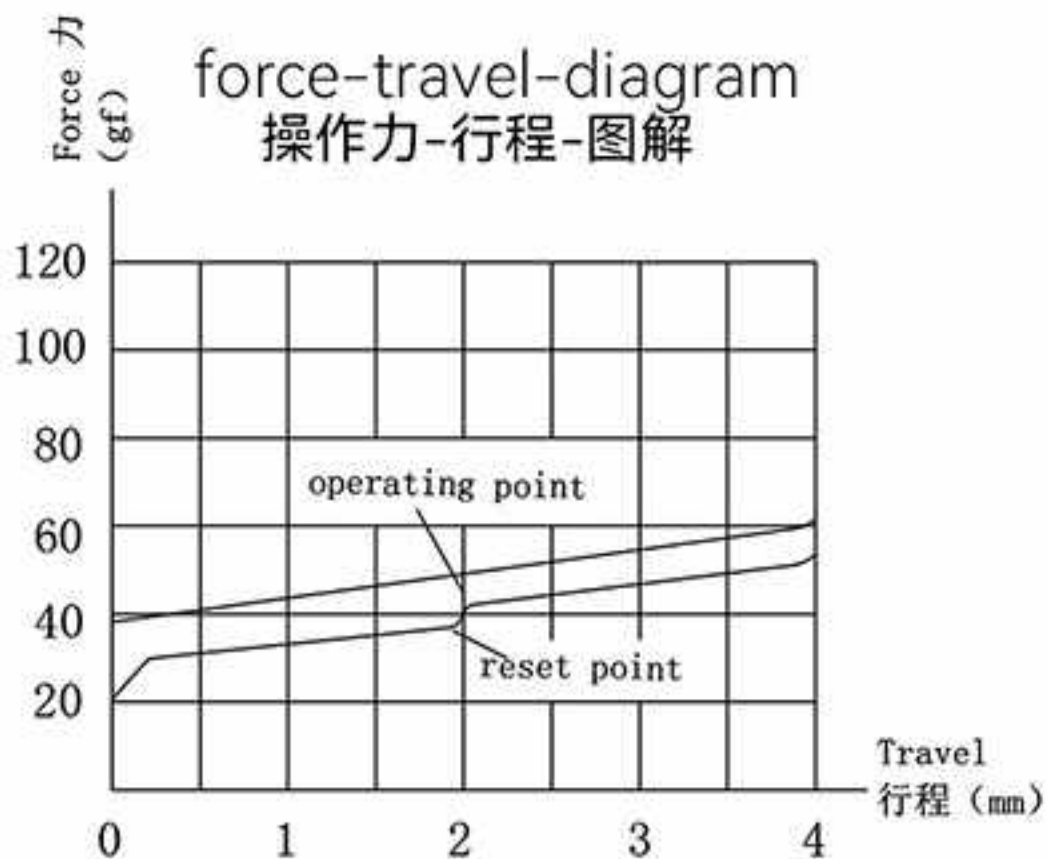
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $4.0 \pm 0.5\text{mm}$

Bottom Force: $60 \pm 5\text{gf}$

Lifetime: 80Million



Strawberry Wine

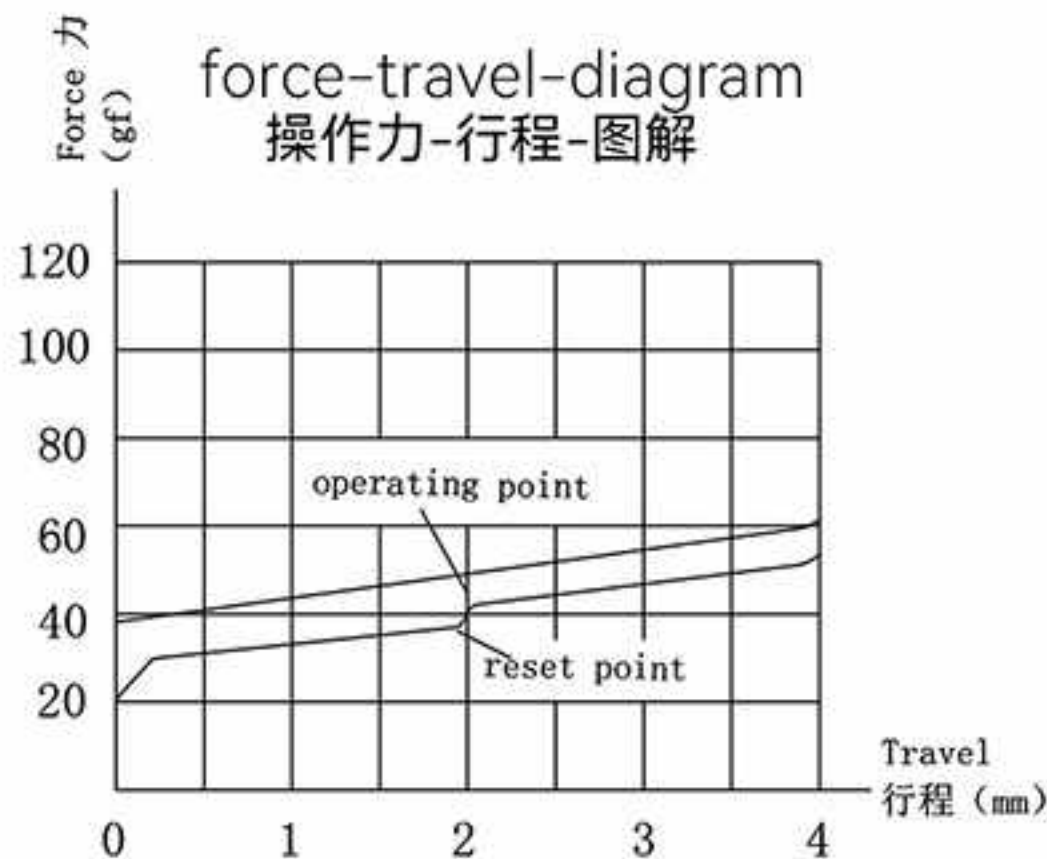
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $38 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $50 \pm 5\text{gf}$

Lifetime: 80Million





产品精选
Linear Switch



Stem: LY

Cover: PC

Bottom: POM

Youghal Switch

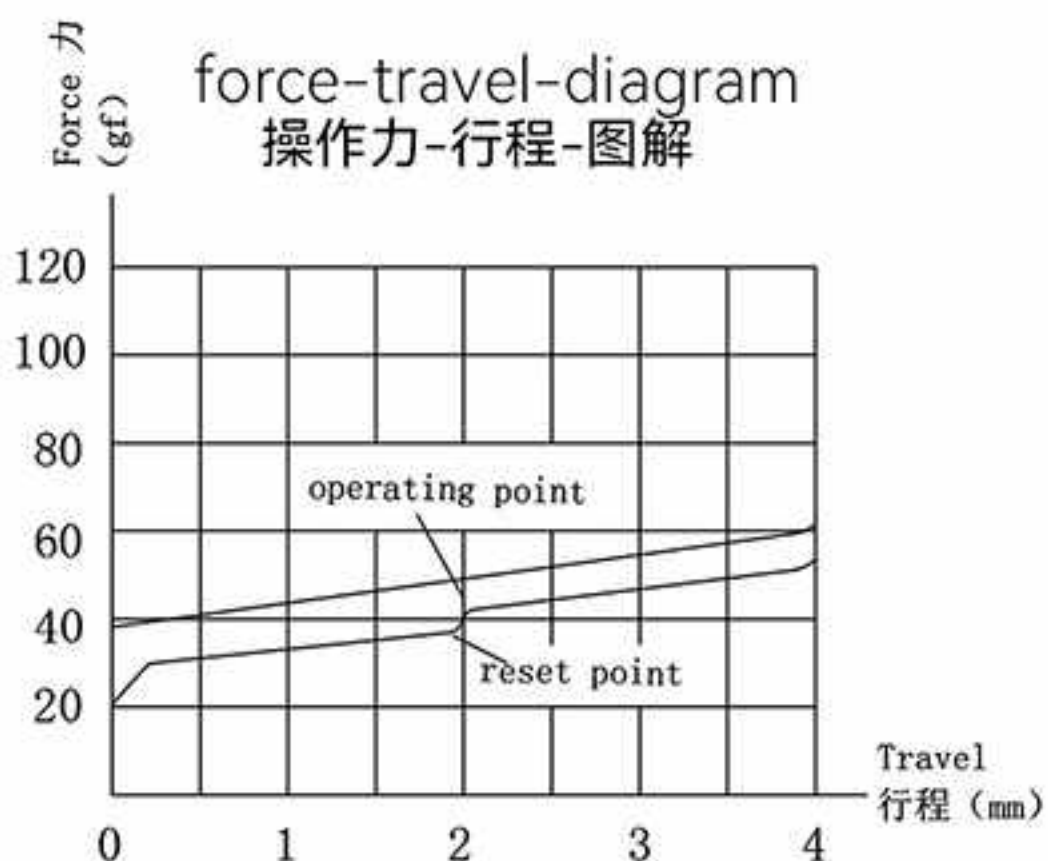
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $3.6 \pm 0.3\text{mm}$

Bottom Force: $60 \pm 5\text{gf}$

Lifetime: 80Million



Stem: Y3

Cover: POM

Bottom: POM

Roselle

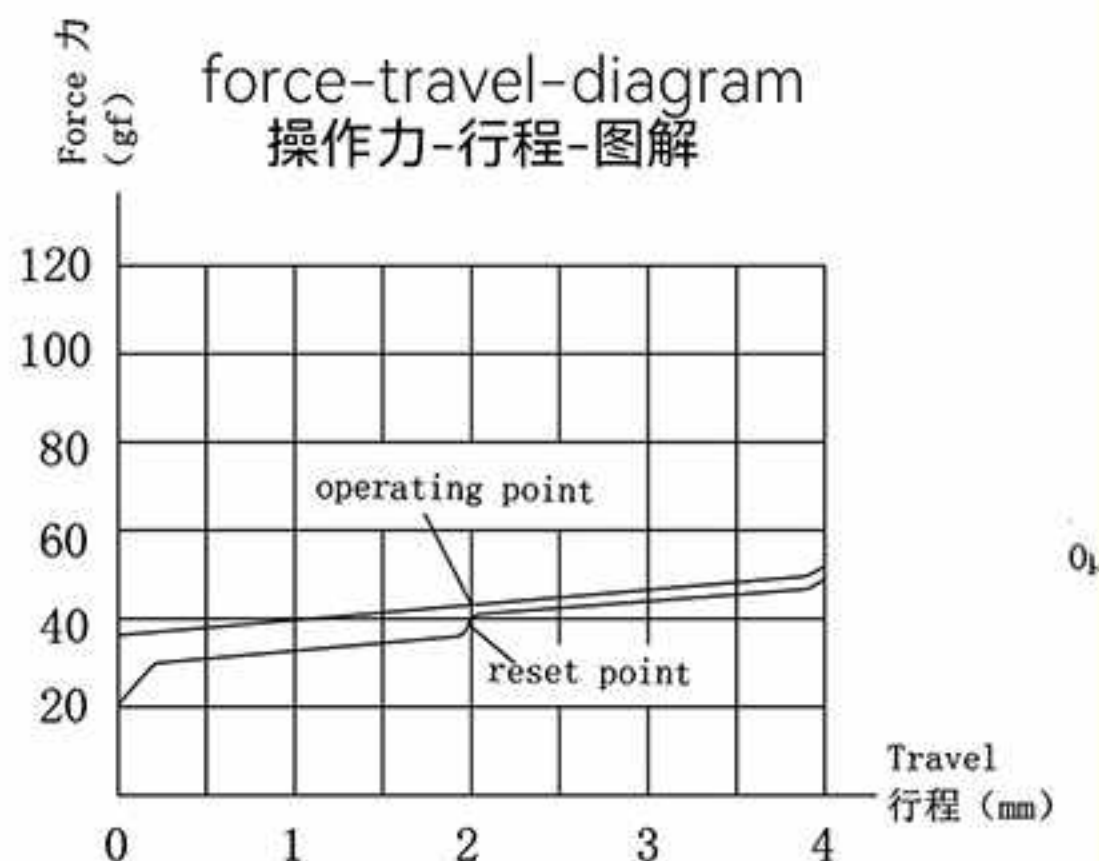
Action Travel: $1.8 \pm 0.3\text{mm}$

Operation Force: $38 \pm 5\text{gf}$

Total Trave: $3.6 \pm 0.3\text{mm}$

Bottom Force: $50 \pm 5\text{gf}$

Lifetime: 80Million





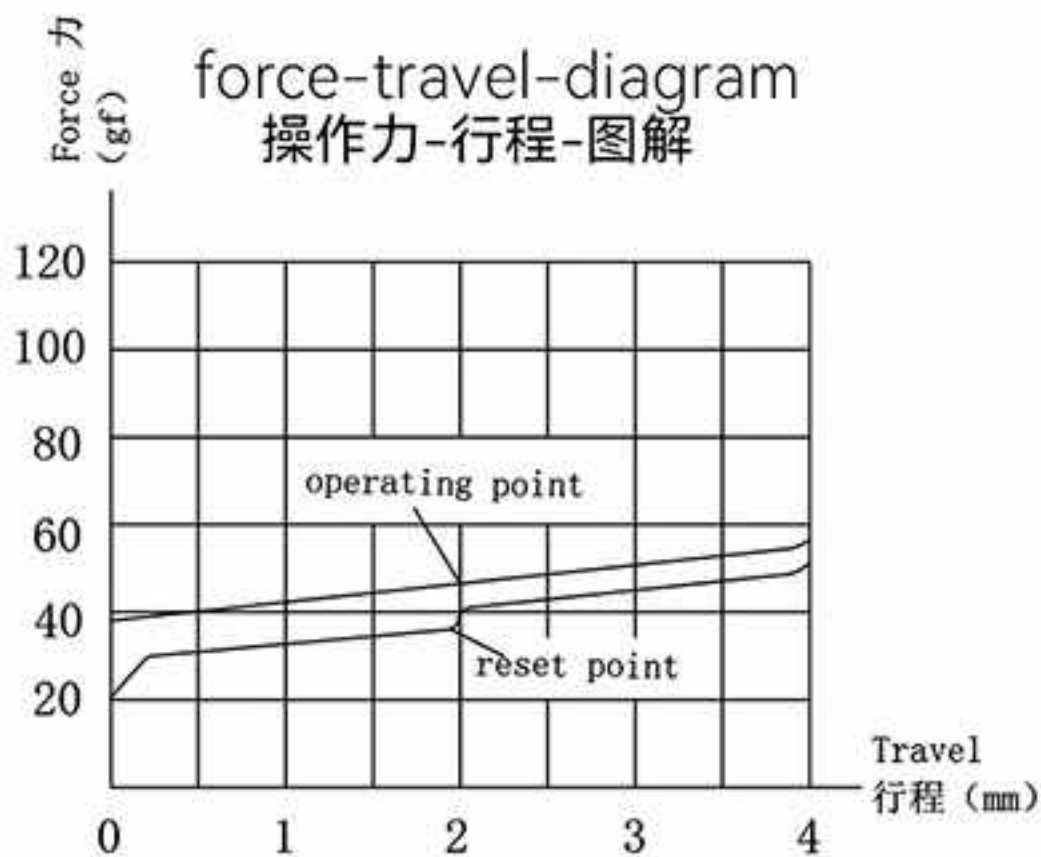
Linear Switch



Stem: POM Cover: POM Bottom: POM

EMT Switch

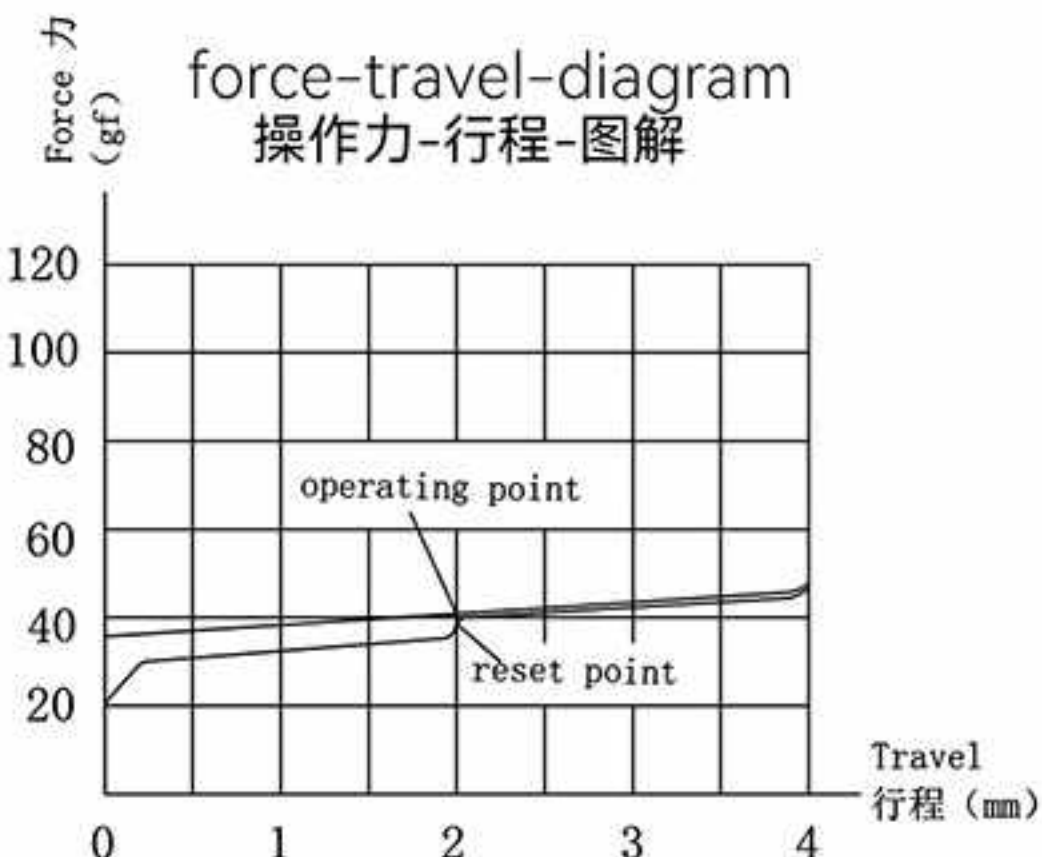
Action Travel: $2.0 \pm 0.4\text{mm}$
Operation Force: $40 \pm 5\text{gf}$
Total Trave: $4.0 \pm 0.5\text{mm}$
Bottom Force: $50 \pm 5\text{gf}$
Lifetime: 80Million



Stem: POK Cover: LY Bottom: POM

Milk Bean Switch

Action Travel: $2.0 \pm 0.4\text{mm}$
Operation Force: $37 \pm 5\text{gf}$
Total Trave: $3.6 \pm 0.3\text{mm}$
Bottom Force: $45 \pm 5\text{gf}$
Lifetime: 80Million





Linear Switch



Stem: LY

Cover: PC

Bottom: PC



Stem: POK

Cover: PC

Bottom: PC

London fog

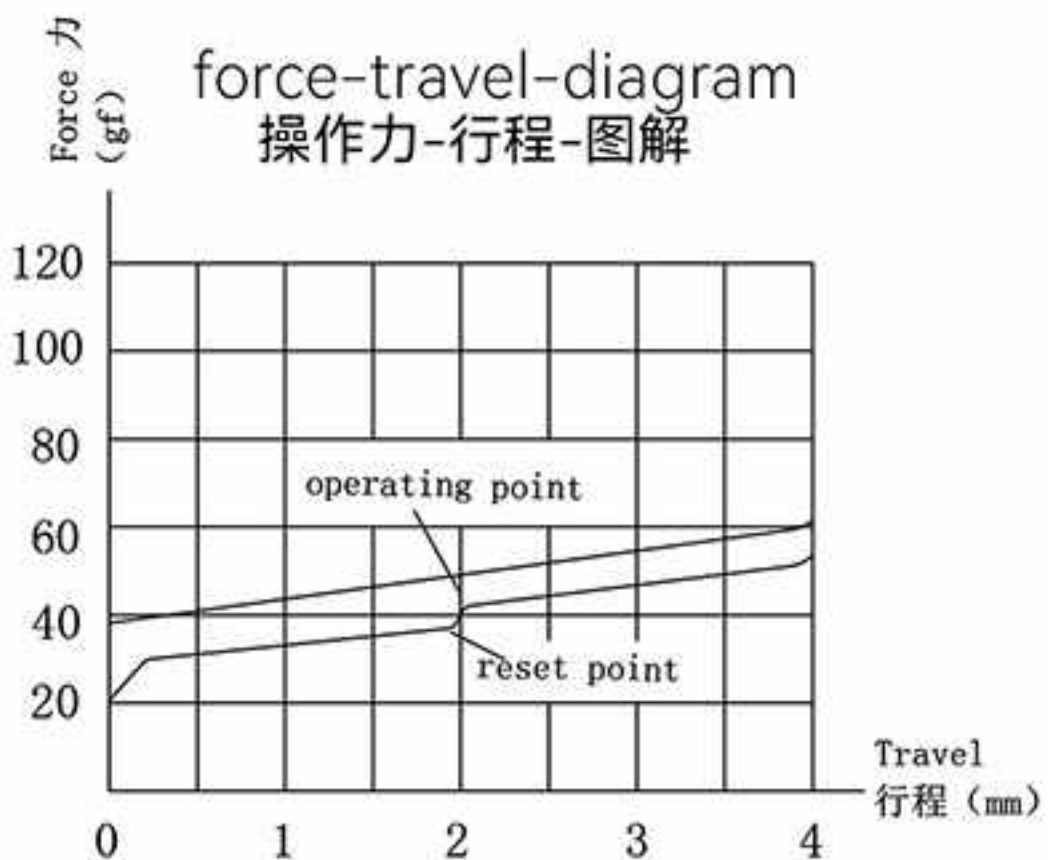
Action Travel: $2.0\pm0.4\text{mm}$

Operation Force: $45\pm5\text{gf}$

Total Trave: $3.6\pm0.3\text{mm}$

Bottom Force: $60\pm5\text{gf}$

Lifetime: 80Million



Night Wind

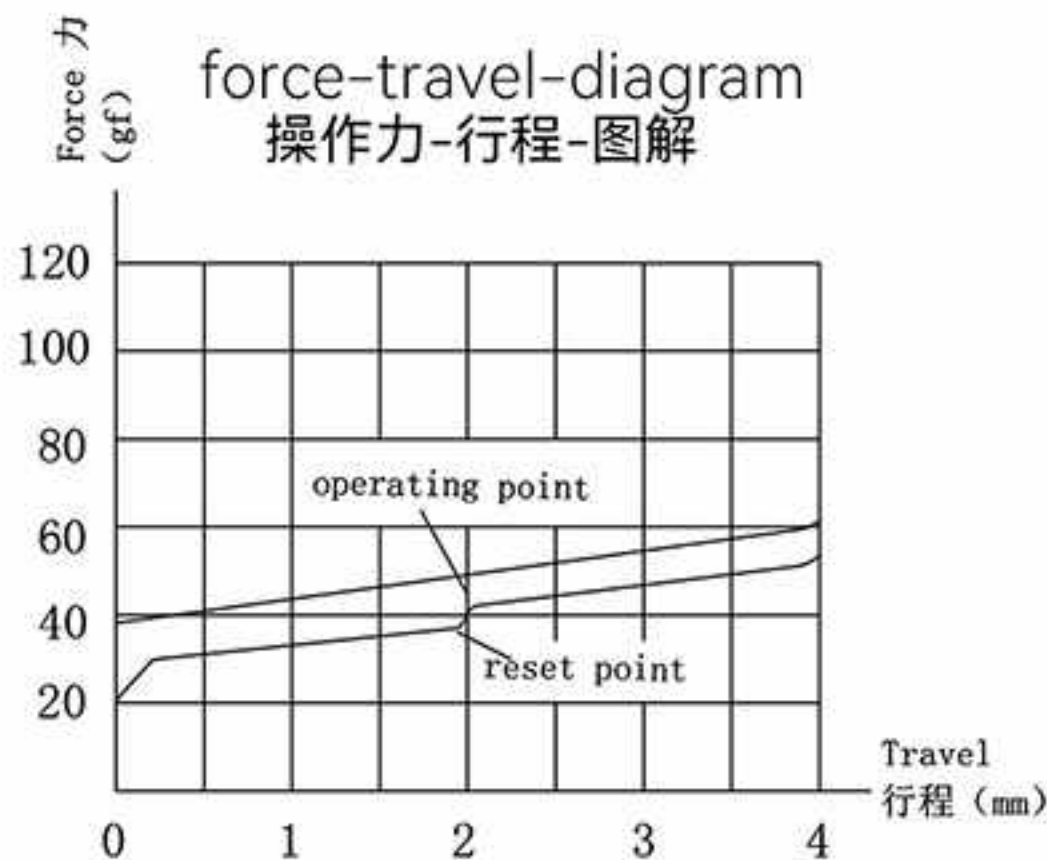
Action Travel: $2.0\pm0.4\text{mm}$

Operation Force: $35\pm5\text{gf}$

Total Trave: $3.3\pm0.3\text{mm}$

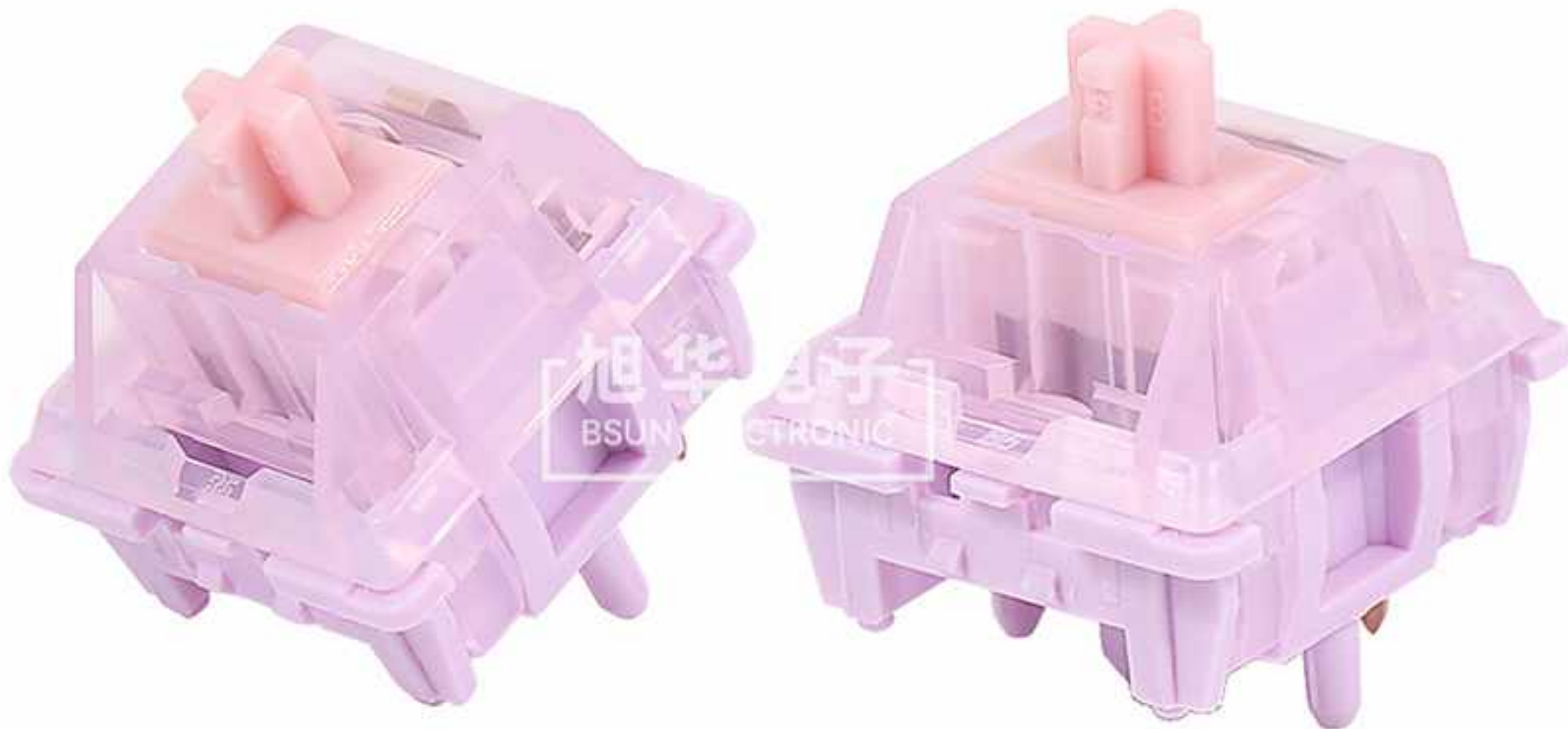
Bottom Force: $50\pm5\text{gf}$

Lifetime: 80Million





Linear Switch



Stem: POK Cover: PC Bottom: PC

Bunny Switch

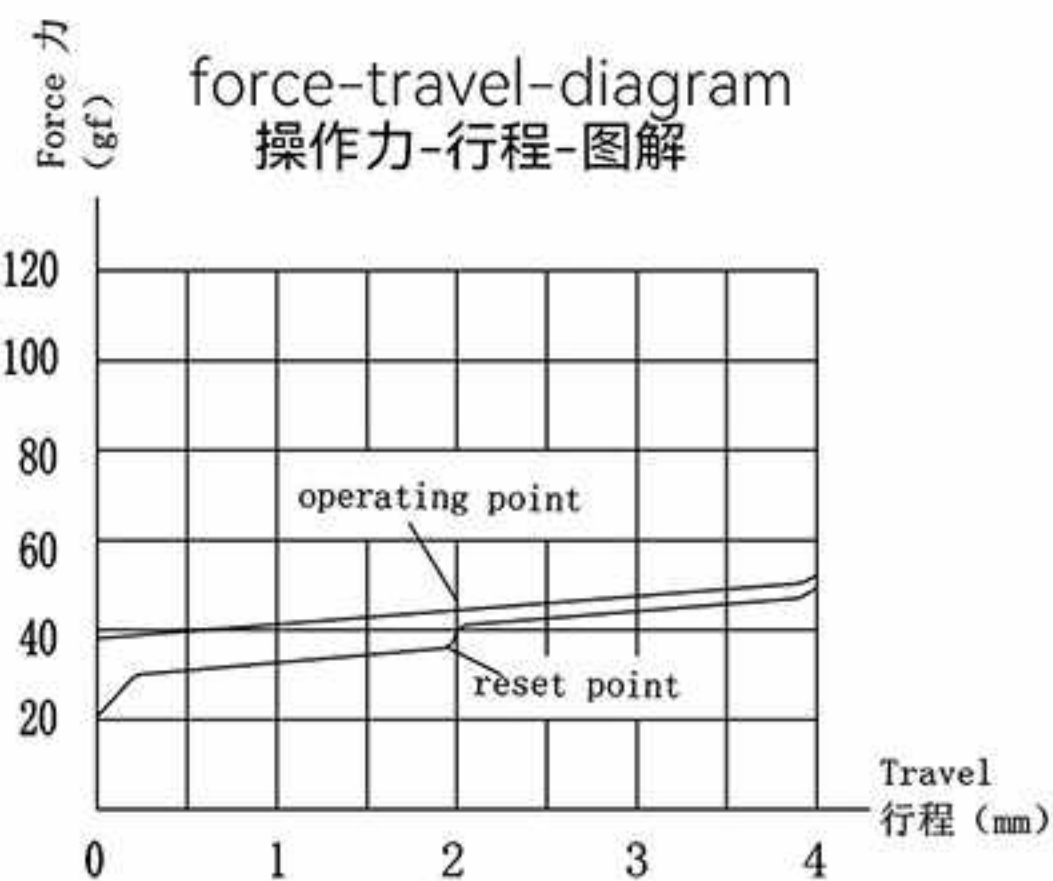
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $35 \pm 5\text{gf}$

Total Trave: $3.6 \pm 0.3\text{mm}$

Bottom Force: $45 \pm 5\text{gf}$

Lifetime: 80Million



Stem: POK Cover: PC Bottom: PC

Naraku

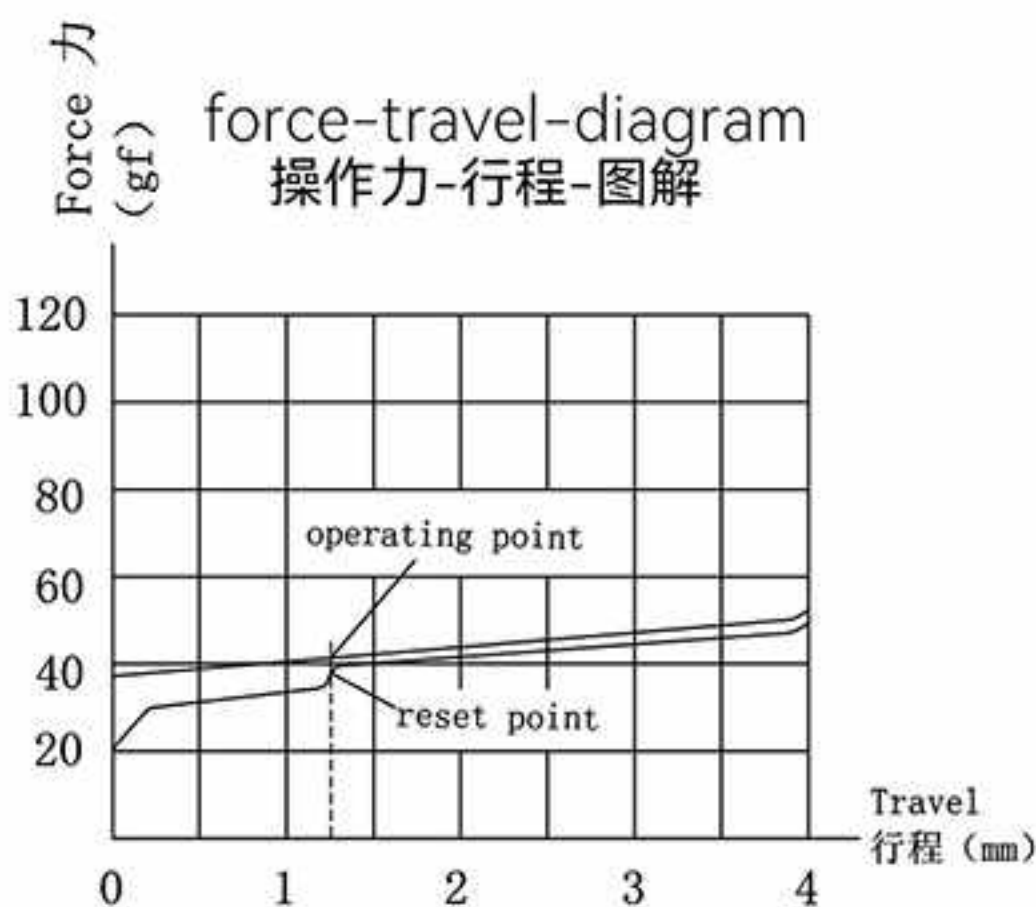
Action Travel: $1.3 \pm 0.3\text{mm}$

Operation Force: $40 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $50 \pm 5\text{gf}$

Lifetime: 80Million





Linear Switch



Stem: POK

Cover: PC

Bottom: PC

Sakura

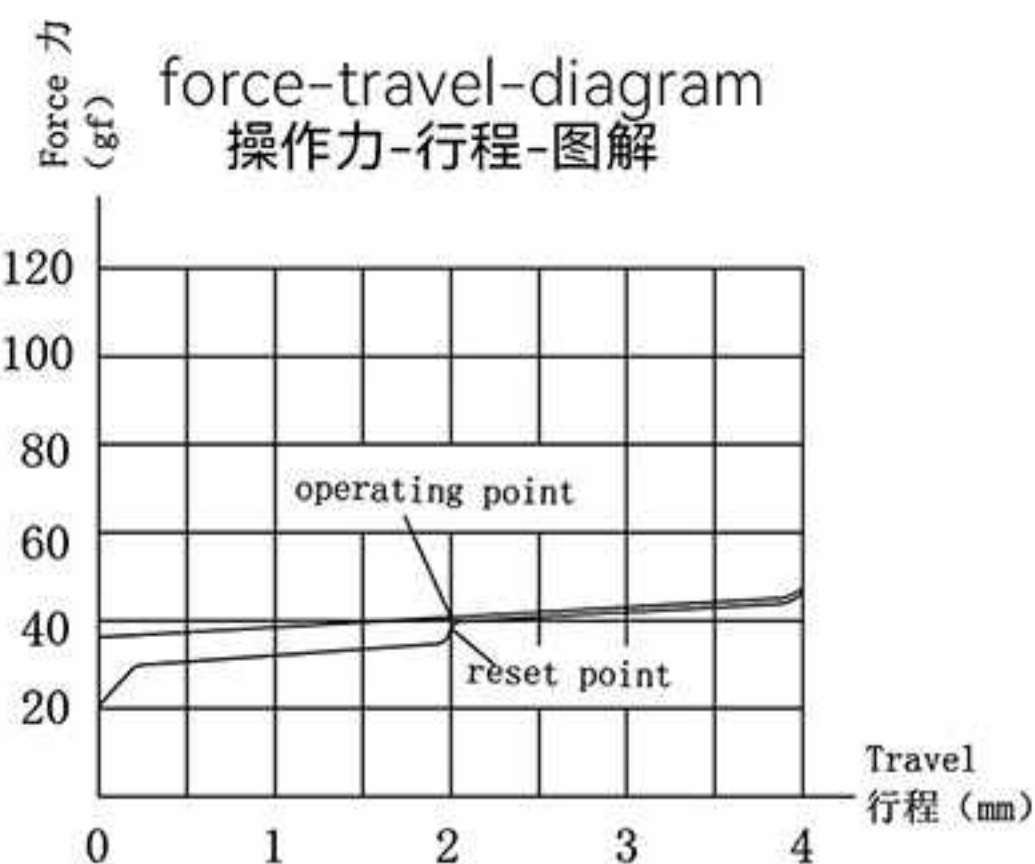
Action Travel: 2.0±0.4mm

Operation Force: 37±5gf

Total Trave: 3.3±0.3mm

Bottom Force: 45±5gf

Lifetime: 80Million



Stem: POK

Cover: PC

Bottom: PC

Red Lotus

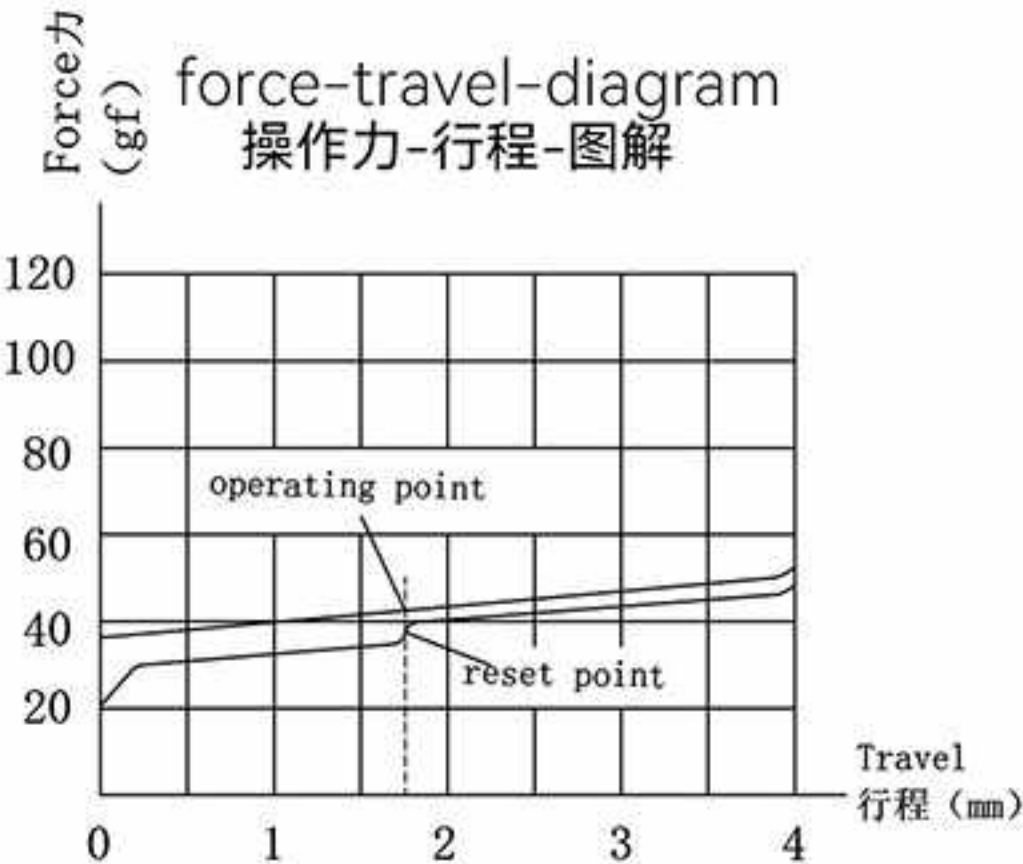
Action Travel: 1.8±0.3mm

Operation Force: 40±5gf

Total Trave: 3.3±0.3mm

Bottom Force: 50±5gf

Lifetime: 80Million





产品精选
Linear transparency



Stem: PC

Cover: PC

Bottom: PC

KS010D

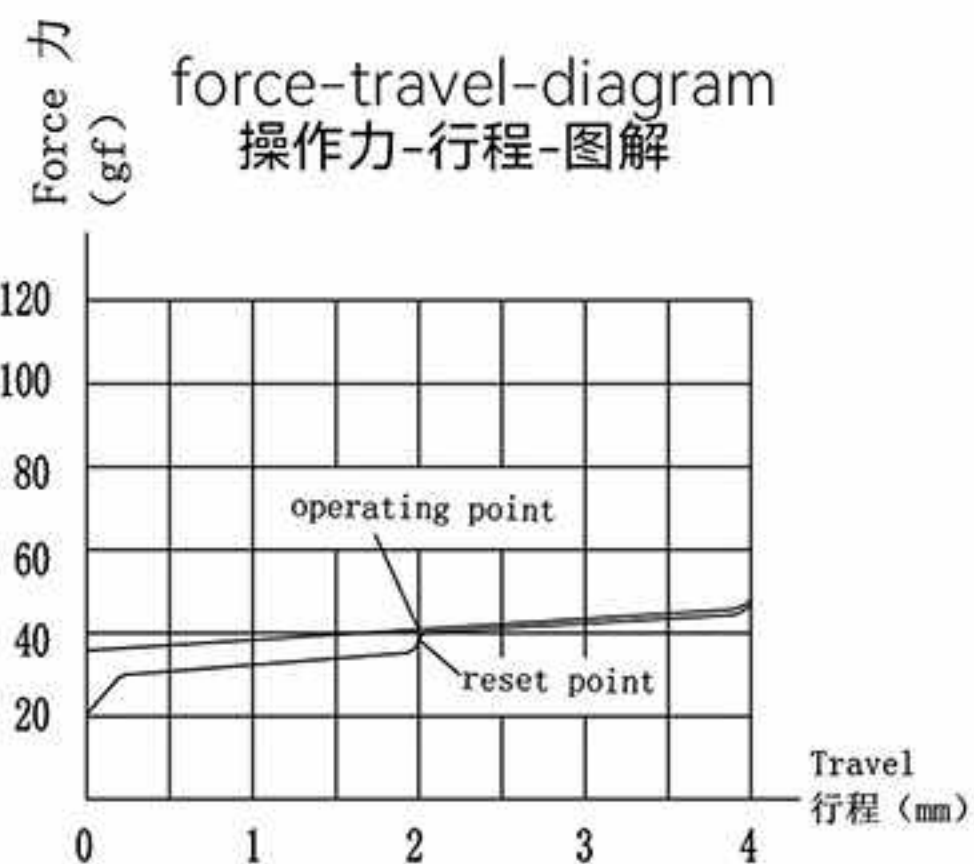
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $35 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $45 \pm 5\text{gf}$

Lifetime: 80Million



Stem: PC

Cover: PC

Bottom: PC

KS010E

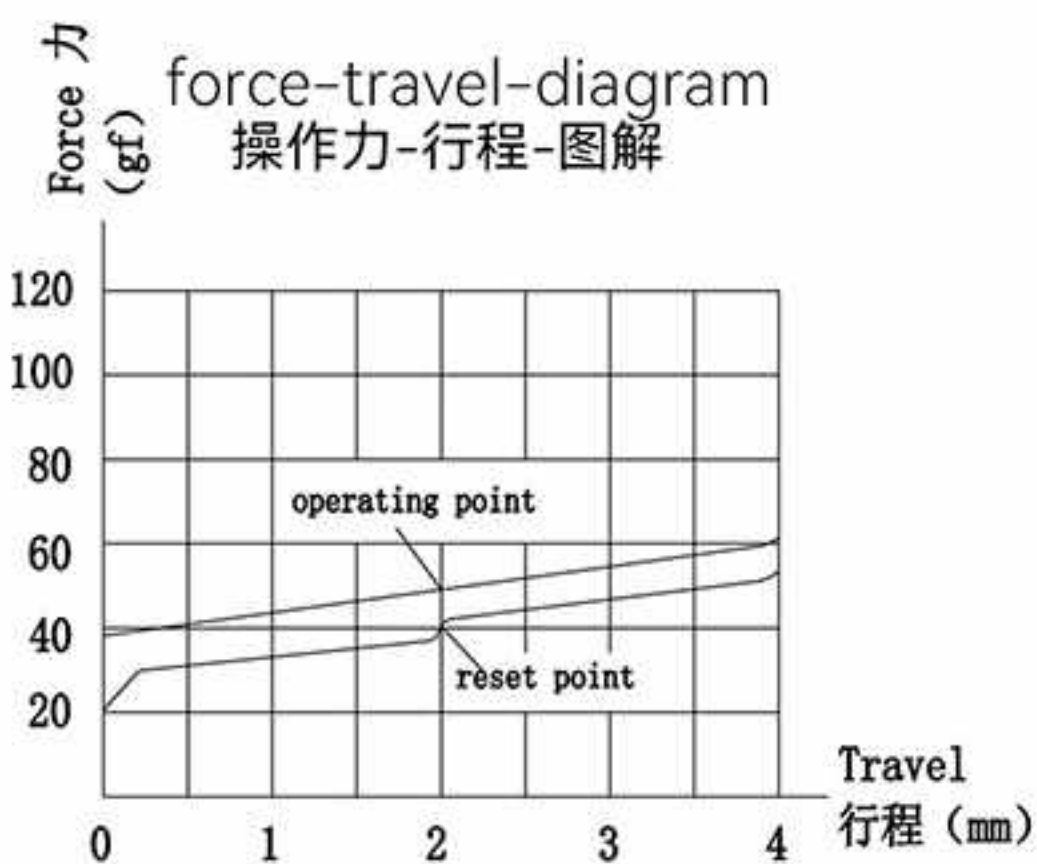
Action Travel: $2.2 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $60 \pm 5\text{gf}$

Lifetime: 80Million





Stem: PC

Cover: PC

Bottom: PC

KS010G

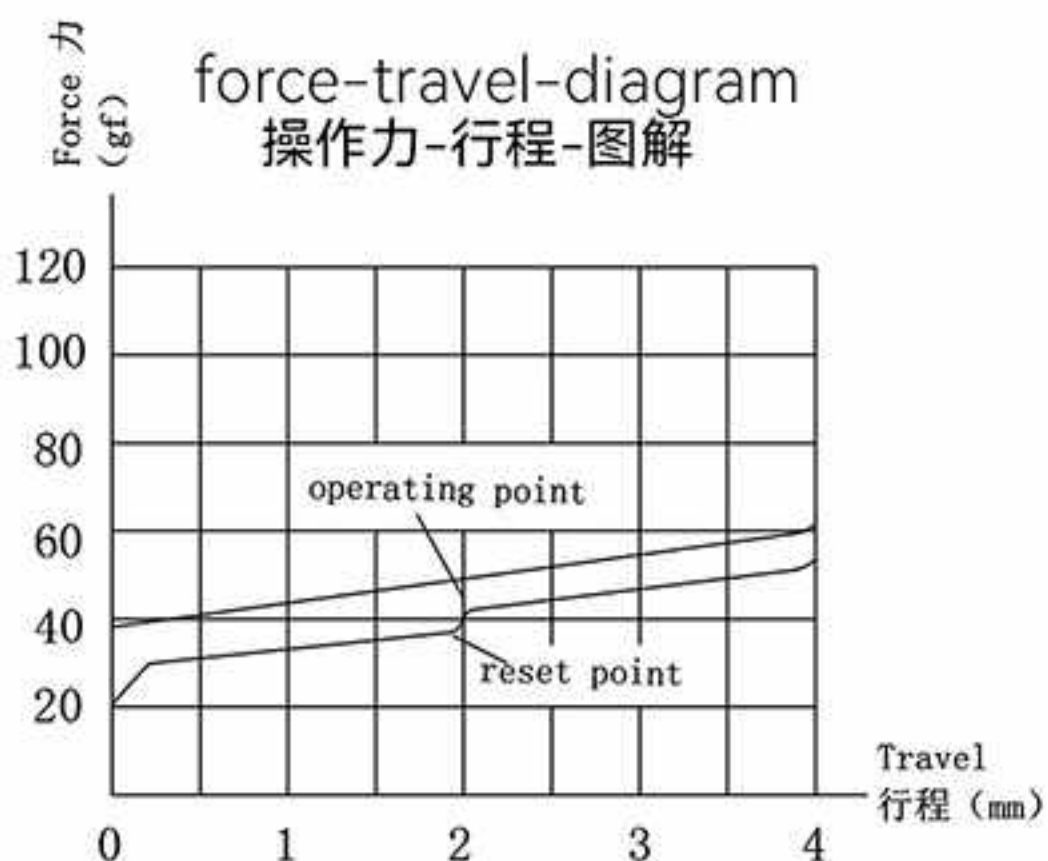
Action Travel: $2.8 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $4.0 \pm 0.5\text{mm}$

Bottom Force: $60 \pm 5\text{gf}$

Lifetime: 80Million



轴心: PC

上盖: PC

底座: PC

KS010H

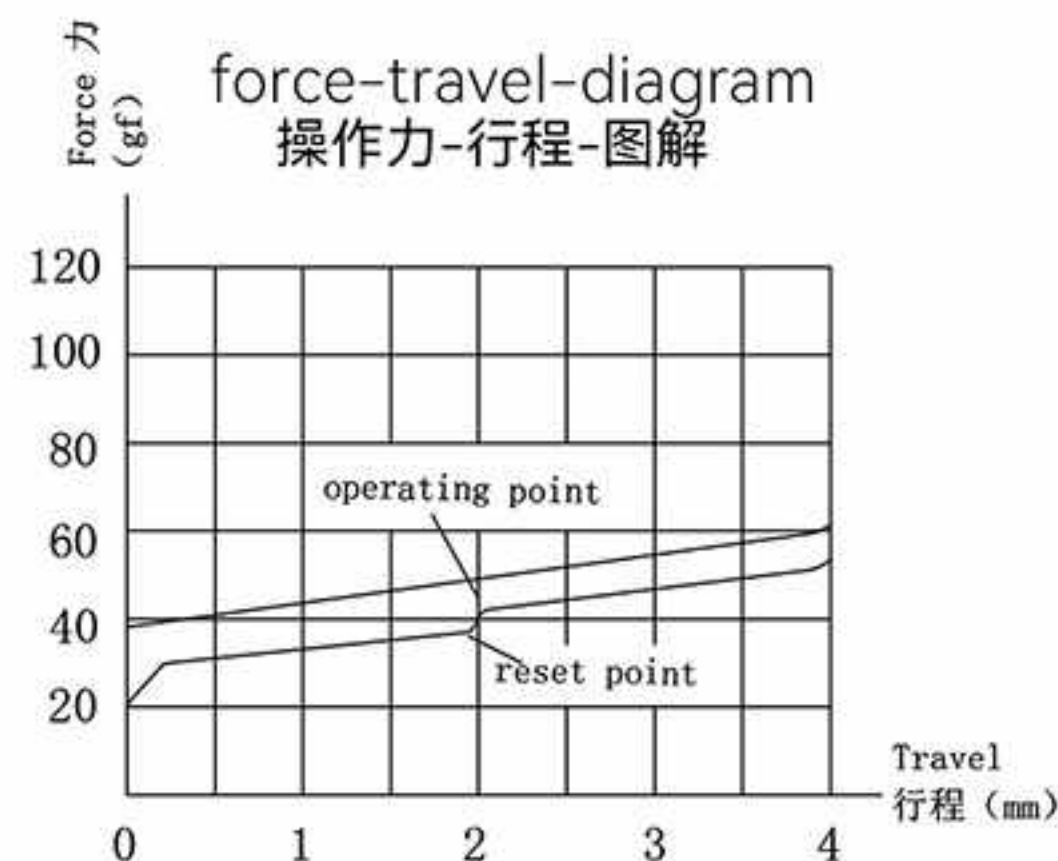
Action Travel: $1.8 \pm 0.4\text{mm}$

Operation Force: $50 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 80Million





其他线性款

Other linear

01



02





Tactile Switch



Stem: POM

Cover: PC

Bottom: PC

Dusk Panda

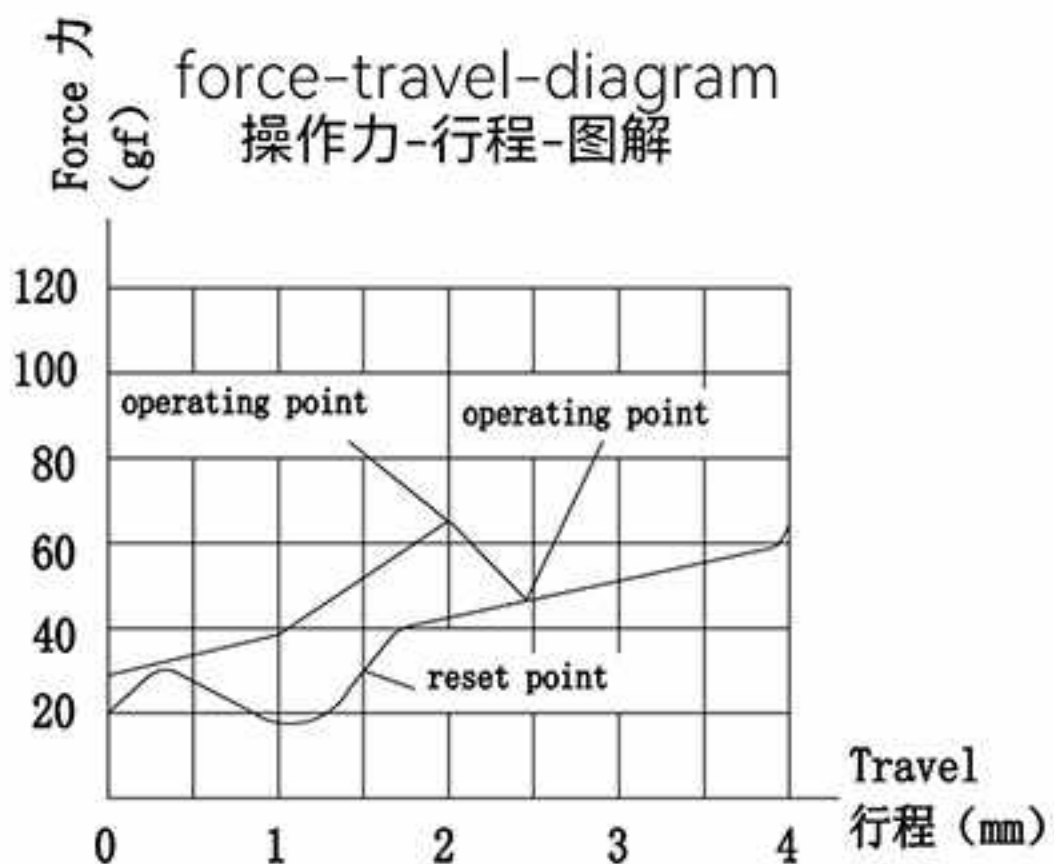
Action Travel: $2.2 \pm 0.4\text{mm}$

Operation Force: $40 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 80Million



Stem: POK

Stem: PC

Bottom: PC

Asura

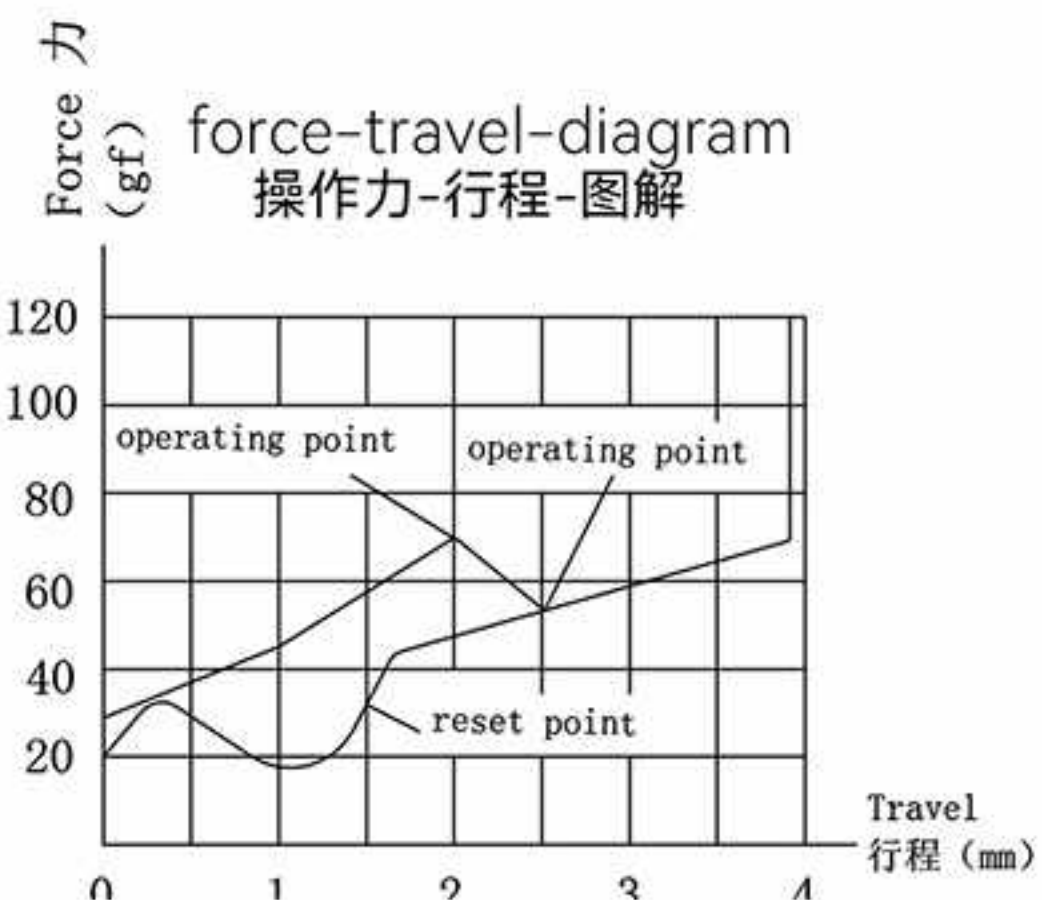
Action Travel: $2.0 \pm 0.4\text{mm}$

Operation Force: $47 \pm 5\text{gf}$

Total Trave: $3.3 \pm 0.3\text{mm}$

Bottom Force: $70 \pm 5\text{gf}$

Lifetime: 80Million





Tactile Switch

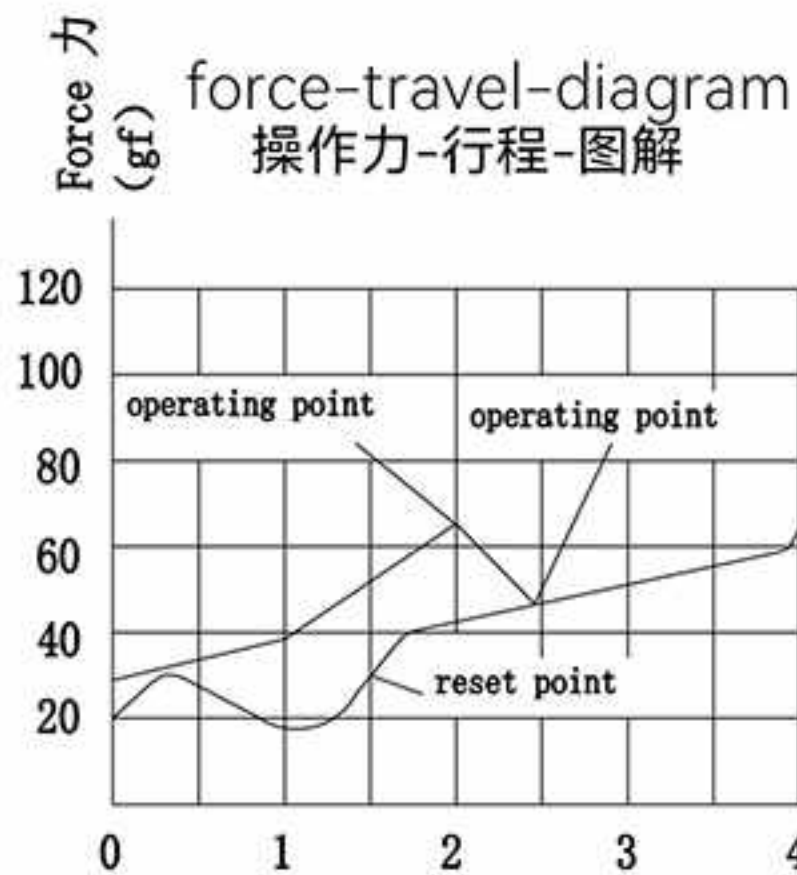


Stem: POM Cover: POM Cover: POM

Stem: POM Cover: Nylon Cover: Nylon

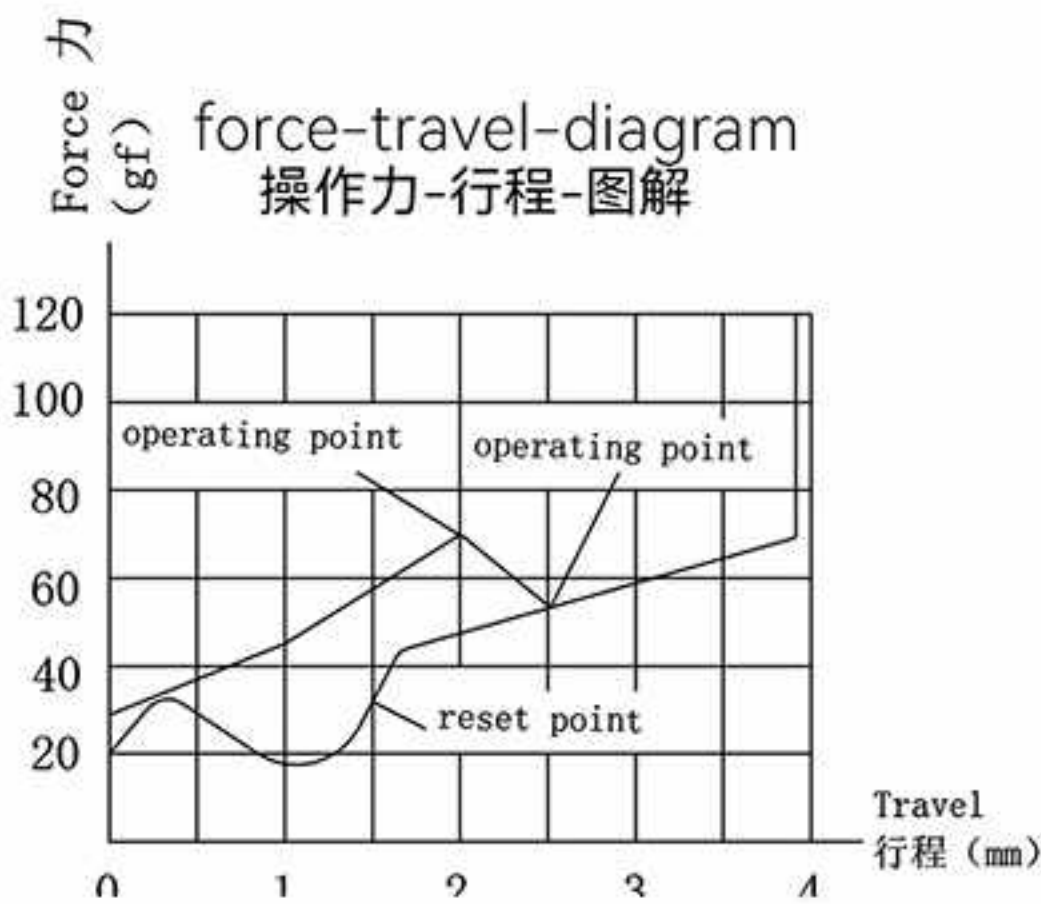
Olive Switch

Action Travel: $2.2\pm0.4\text{mm}$
Operation Force: $45\pm5\text{gf}$
Total Trave: $4.0\pm0.5\text{mm}$
Bottom Force: $65\pm5\text{gf}$
Lifetime: 80Million



Raccoon

Action Travel: $2.0\pm0.4\text{mm}$
Operation Force: $35\pm5\text{gf}$
Total Trave: $4.0\pm0.5\text{mm}$
Bottom Force: $68\pm5\text{gf}$
Lifetime: 80Million





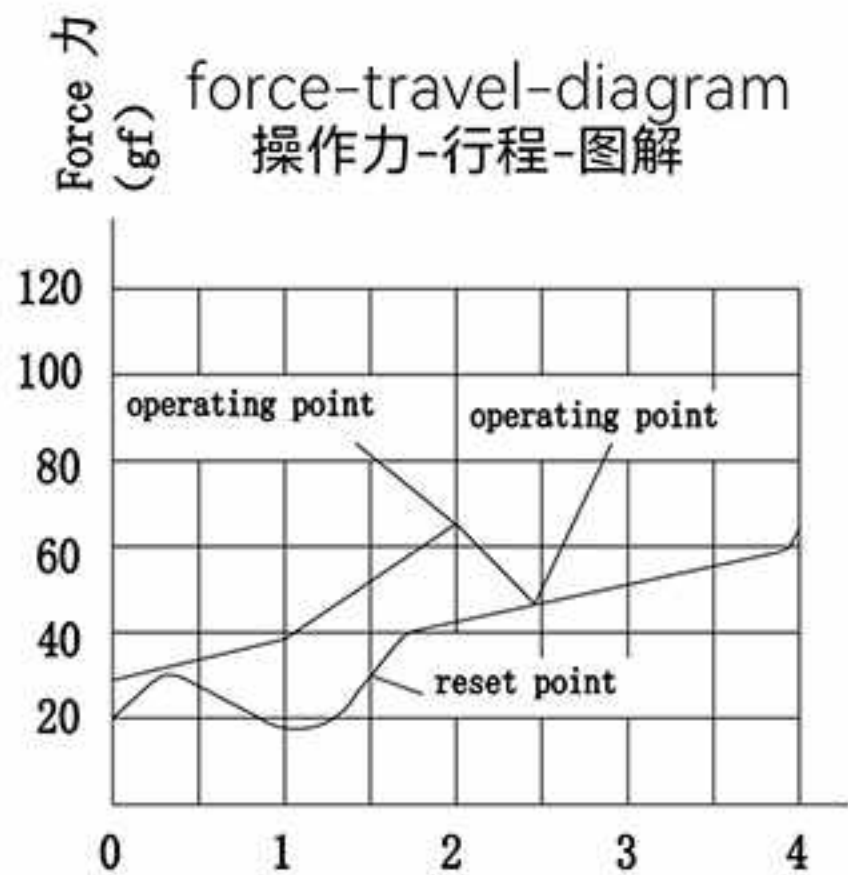
Tactile Switch



Stem: POM Cover : POM Bottom: Nylon

Arctic Blue

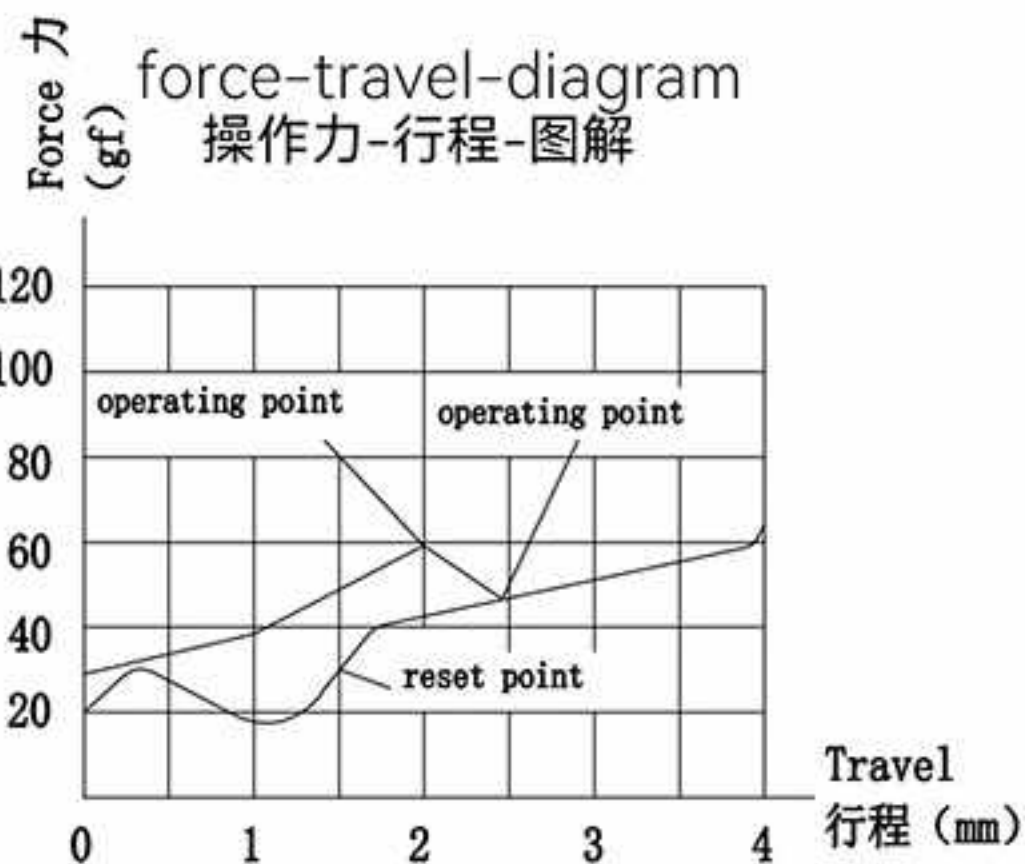
Action Travel: $2.2\pm0.4\text{mm}$
Operation Force: $45\pm5\text{gf}$
Total Trave: $4.0\pm0.5\text{mm}$
Bottom Force: $65\pm5\text{gf}$
Lifetime: 50Million



Stem: POM Cover: PC Bottom: Nylon

Mint Panda V2

Action Travel: $2.2\pm0.4\text{mm}$
Operation Force: $45\pm5\text{gf}$
Total Trave: $4.0\pm0.5\text{mm}$
Bottom Force: $65\pm5\text{gf}$
Lifetime: 80Million





Tactile Switch



Stem: POM

Cover: PC

Bottom: Nylon

Dragon Fruit V2

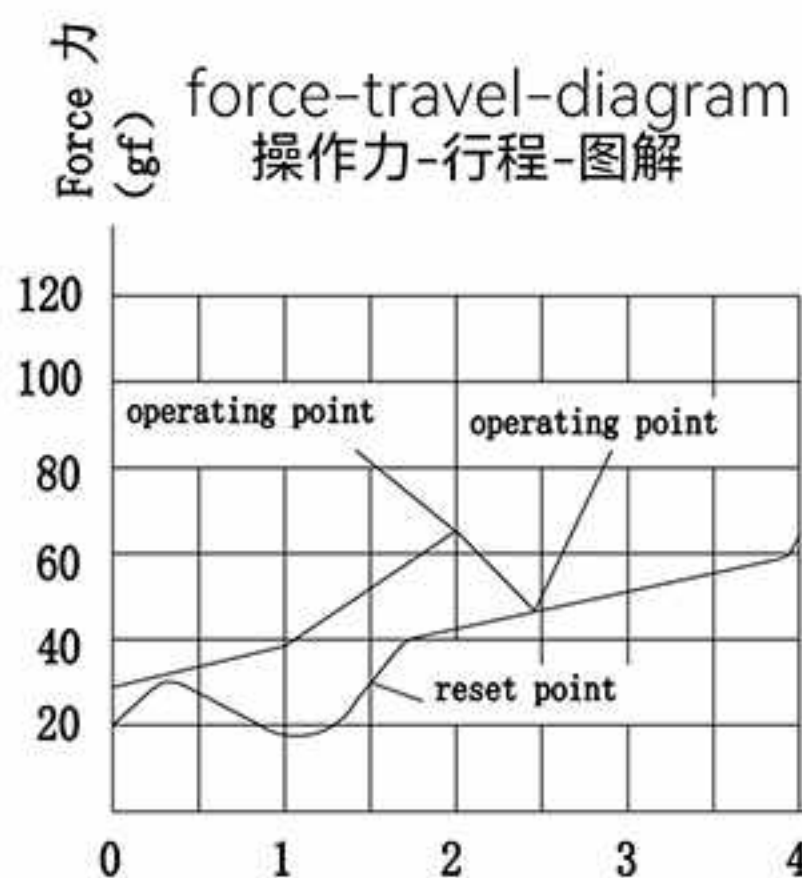
Action Travel: $2.2 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $4.0 \pm 0.5\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

Lifetime: 50Million



Stem: POM

Cover: PC

Bottom: Nylon

Pine Switch

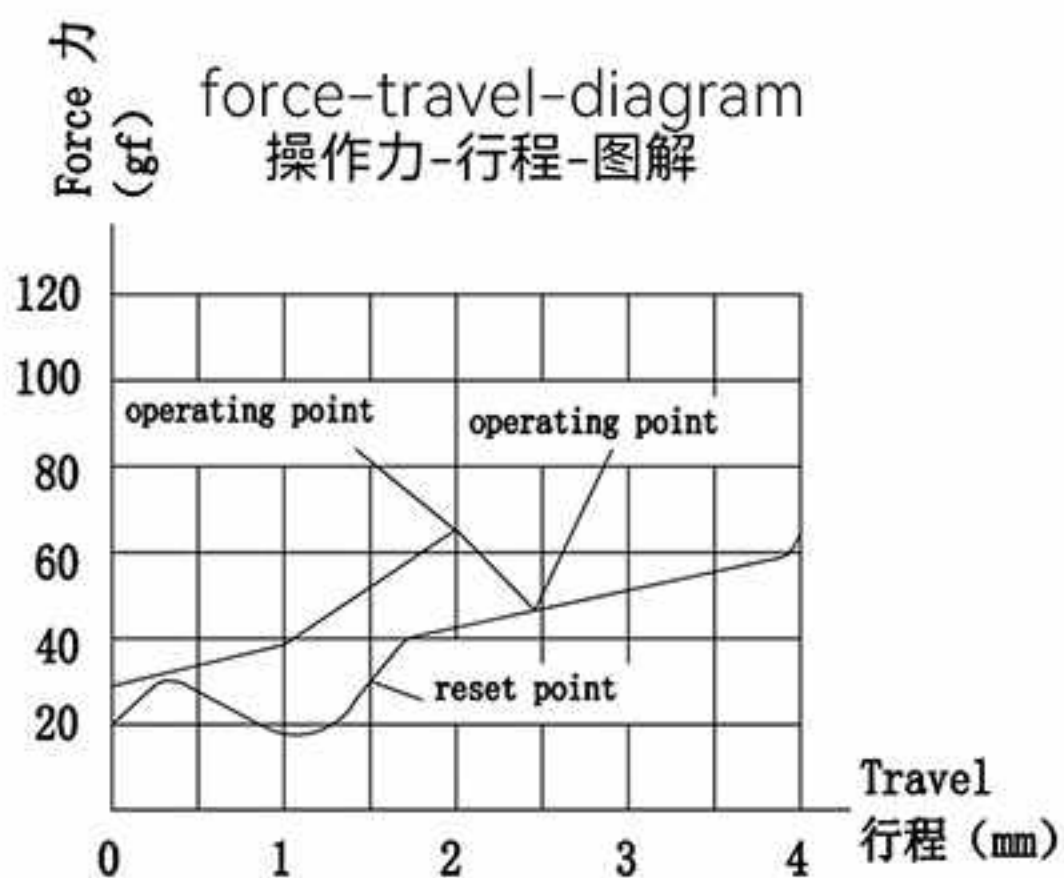
Action Travel: $2.2 \pm 0.4\text{mm}$

Operation Force: $45 \pm 5\text{gf}$

Total Trave: $4.0 \pm 0.5\text{mm}$

Bottom Force: $65 \pm 5\text{gf}$

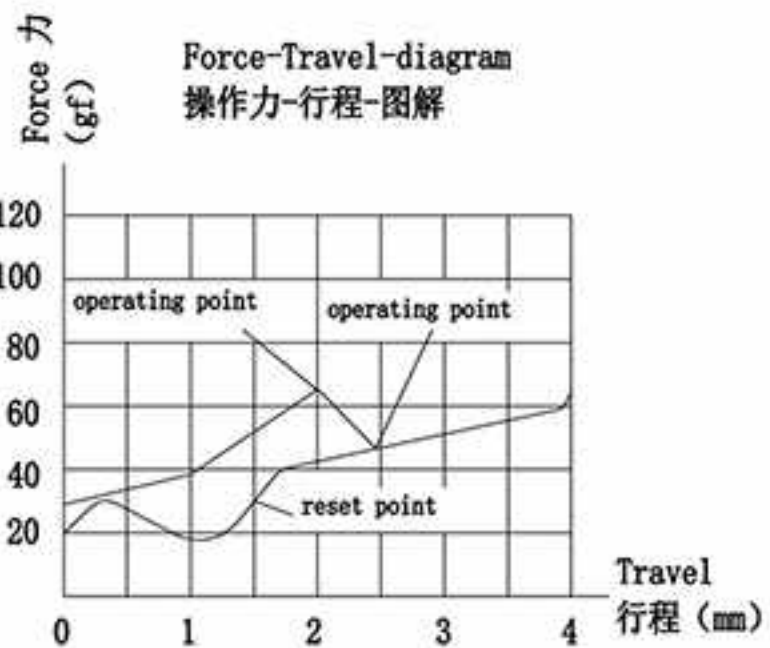
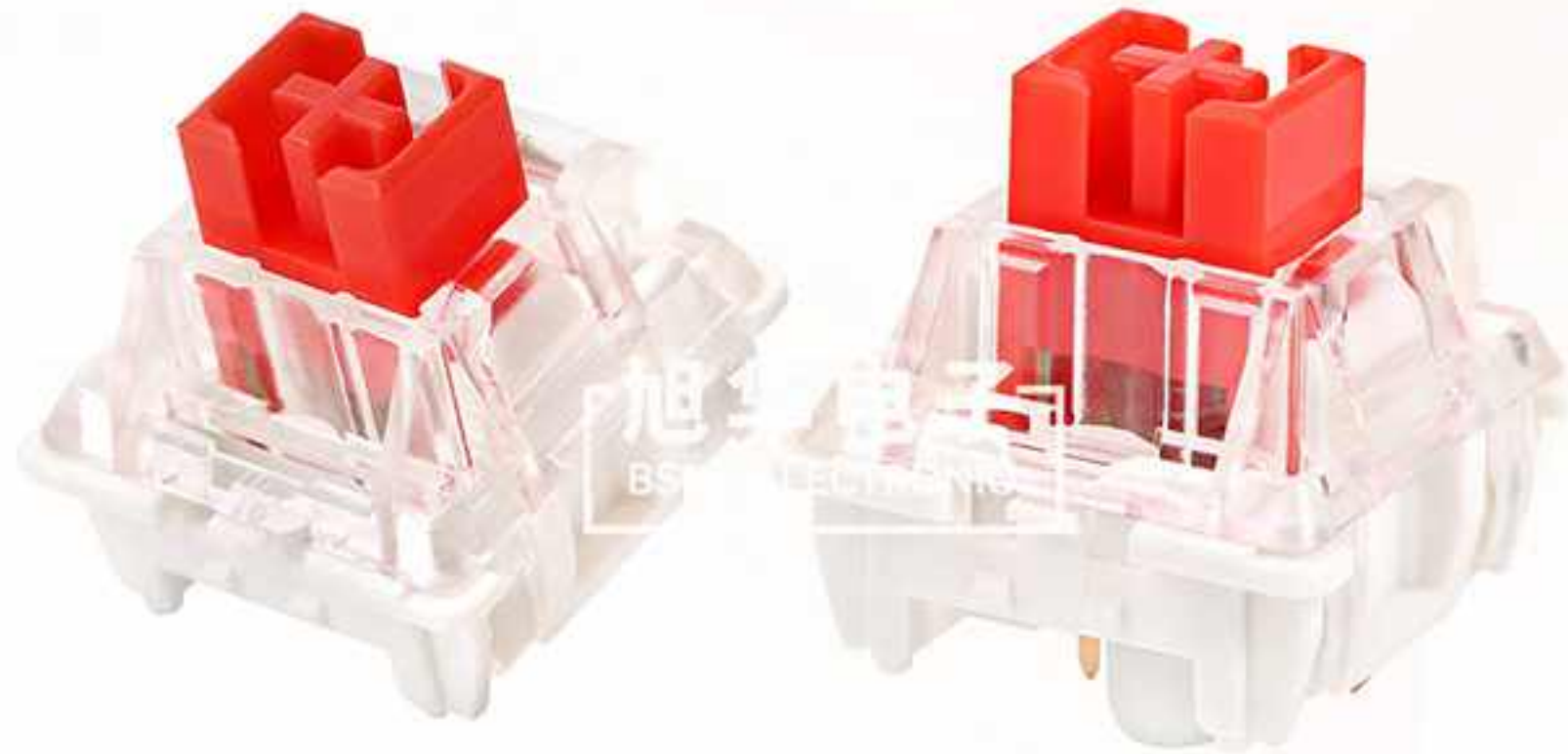
Lifetime: 5000Million





防尘轴系列

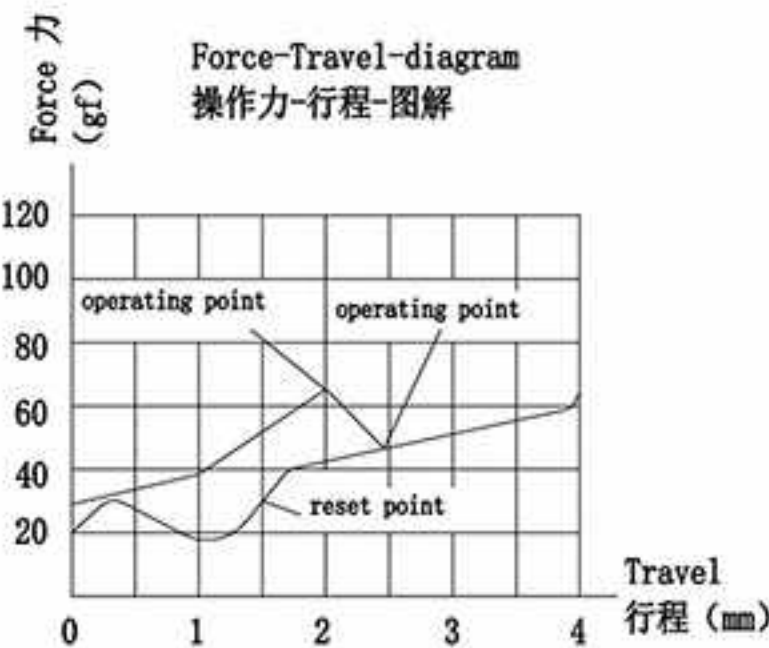
Dustproof Series



防尘青轴

Dustproof Switch-Blue

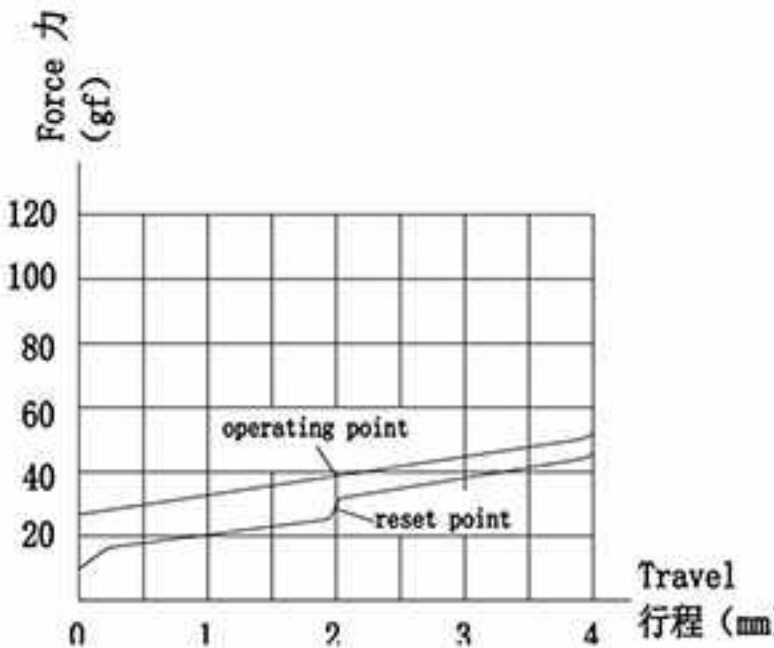
Action Travel: $2.0 \pm 0.4\text{mm}$
Total Travel: $4.0 \pm 0.5\text{mm}$
Operation Force: $40 \pm 5\text{gf}$
Bottom Force: $65 \pm 5\text{gf}$
Lifetime: 50Million



防尘茶轴

Dustproof Switch-Tawny

Action Travel: $2.2 \pm 0.4\text{mm}$
Total Travel: $4.0 \pm 0.5\text{mm}$
Operation Force: $40 \pm 5\text{gf}$
Bottom Force: $65 \pm 5\text{gf}$
Lifetime: 50Million



防尘红轴

Dustproof Switch-Red

Action Travel: $2.0 \pm 0.4\text{mm}$
Total Travel: $4.0 \pm 0.5\text{mm}$
Operation Force: $35 \pm 5\text{gf}$
Bottom Force: $50 \pm 5\text{gf}$
Lifetime: 50Million



防尘款

Dustproof Series



Tactile



Clicky

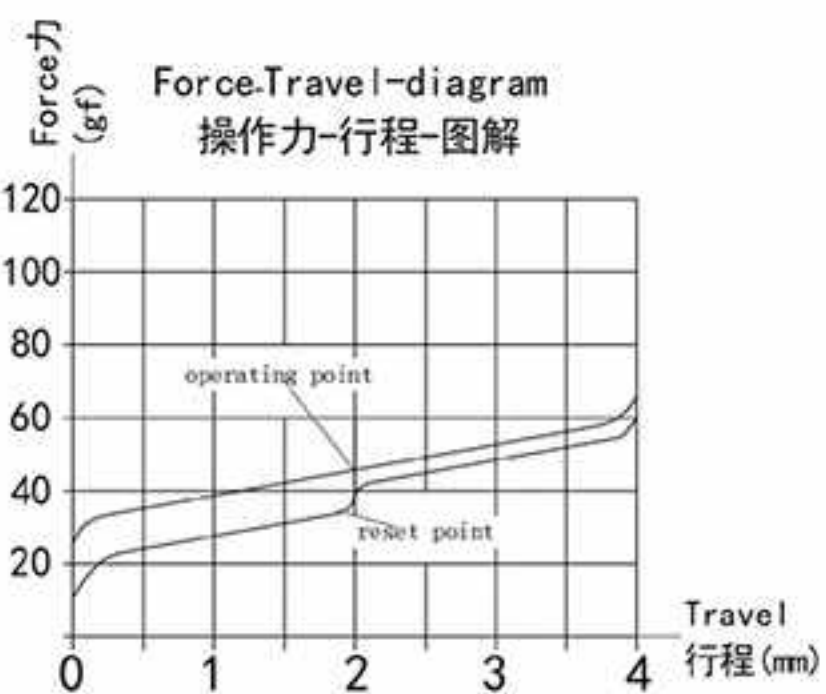


Linear



香蕉轴系列

Banana Series

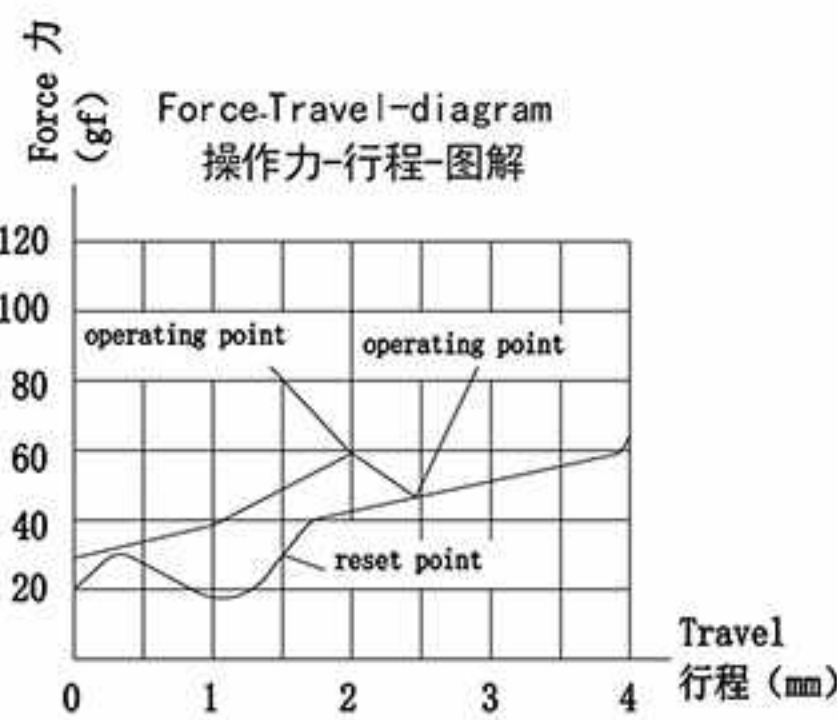


皮卡丘轴
Pokemon Switch

Type: Linear

Stem: POM

Total Travel : 3.9mm

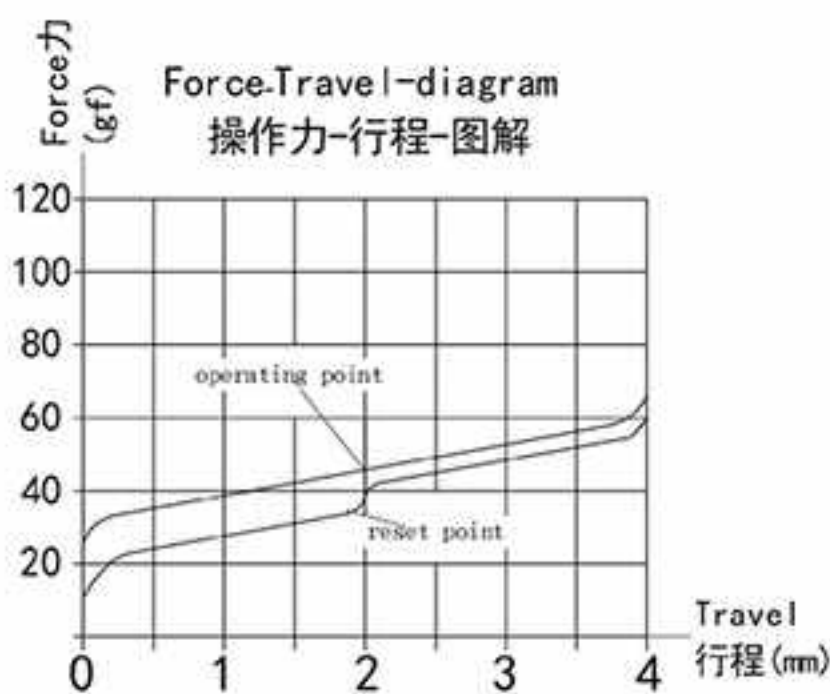


香蕉白轴
Banana switch-White

Type: Tactile

Stem: POM

Total Travel : 3.3mm



香蕉黑轴
Banana switch-Black

Type: Linear

Stem: POM

Total Travel : 3.9mm



荔枝轴系列

Lychee Series



荔枝红轴

lychee switch-red

Type: Linear

Cover: PC

Total Travel : 3.9mm



荔枝黑轴

lychee switch-black

Type: Linear

Cover: PC

Total Travel : 3.9mm



熊猫三代

lychee Panda v3

Type: Linear

Cover: Nylon

Total Travel : 3.9mm





旭华产品系列

Holy panda series

圣熊猫系列

Features:

Holy Panda is one of the best tactile switch, are known for it's extra tactility and snappiness, special in that its paragraph sense is earlier than the normal tactile switch. It creates an extremely crisp and snappy hand feeling that is very satisfying to type on. Press it down a little bit, and before you start to press it, the resistance starts to come up; After this section of resistance, it is similar to the feel of linear stem. The tightness of the lower housing create the interesting snap and feel. In addition, the housing of the INVYR Panda also produces a deep bassy sound when the stem strikes the housing which adds to the user satisfaction.

Lifetime: 80 Million

系列 series	名称 Name	手感类型 Type	脚频 pin	产品图 photo
圣熊猫系列 Holy panda series	原版圣熊猫 Originai Holy Panda	段落 Tactile	3脚 3pin	
	POM圣熊猫 Holy Panda V2	段落 Tactile	3脚 3pin	
	火龙果圣熊猫 Dragon fruit Holy Panda	段落 Tactile	3脚 3pin	
	薄荷圣熊猫 Holy Panda-Mint	段落 Tactile	5脚 5pin	
	冰川圣熊猫 Polar Holy Panda	段落 Tactile	5脚 5pin	
	松木圣熊猫 Holy Panda-Pine	段落 Tactile	5脚 5pin	



旭华产品系列

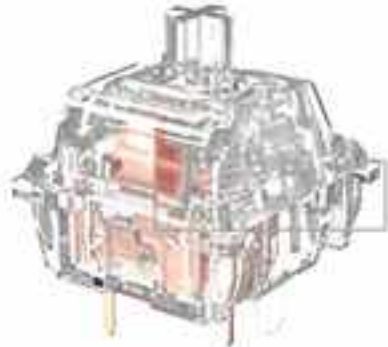
系列 series	名称 Name	手感类型 Type	脚频 pin	产品图 photo
熊猫系列 panda series	熊猫轴 Originai Panda	线性 Linear	5脚 5pin	
	火龙果 Dragon Fruit	线性 Linear	3脚 3pin	
	薄荷熊猫 Mint Panda	线性 Linear	3脚 3pin	
	北极熊猫 Polar Panda	线性 Linear	3脚 3pin	
	浣熊轴 Raccon	线性 Linear	3脚 3pin	

系列 series	名称 Name	手感类型 Type	脚频 pin	产品图 photo
POM系列 POM series	冰川熊猫 Glacier Panda	线性 Linear	5脚 5pin	
	POM熊猫-黑轴 Panda Switch v2-Black	线性 Linear	3脚 3pin	
	POM熊猫-红轴 Panda Switch v2-Red	线性 Linear	5脚 3pin	
	POM圣熊猫 Panda Switch v2-Red	线性 Linear	3脚 3pin	

备注：手感材质及颜色均可按客户要求定制



旭华产品系列

系列 series	名称 Name	手感类型 Type	脚频 pin	产品图 photo	名称 Name	手感类型 Type	脚频 pin	产品图 photo
透明系列 crystal series	冰晶轴 Ice Switch	线性 Linear	5脚 5pin		壁虎轴 Gecko Switch	有声段落 Clicky	5脚 5pin	
	水晶熊猫白轴 Crystal Panda White	线性 Linear	5脚 5pin		黄昏熊猫黑轴 Dusk panda Black	线性 Linear	5脚 5pin	
	水晶熊猫黑轴 Crystal Panda Black	线性 Linear	5脚 5pin		黄昏熊猫蓝轴 Dusk panda Blue	线性 Linear	5脚 5pin	
	水晶熊猫紫轴 Crystal Panda Purple	段落 Tactile	5脚 5pin		黄昏熊猫轴 Dusk panda Orange	段落 Tactile	5脚 5pin	
	狐狸轴 Fox Switch	线性 Linear	3脚 3pin					



Name:

PCB Stabilizer

Material:

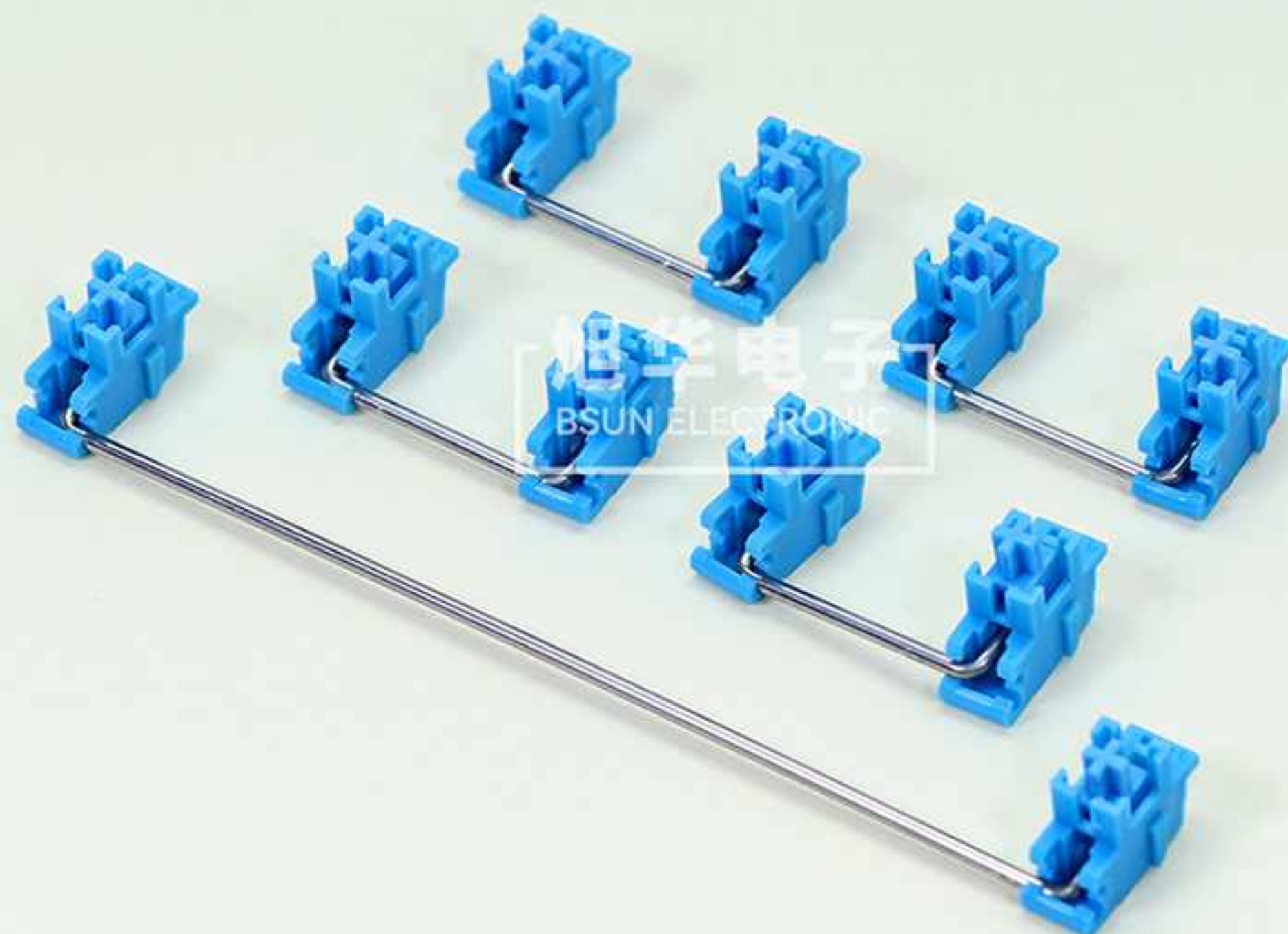
POM+Steel

Type:

60%/100%

60%配列

Apply to below 87 Keys



100%配列

Apply to 108 keys





键盘配件
Accessories

Hot Swap Socket



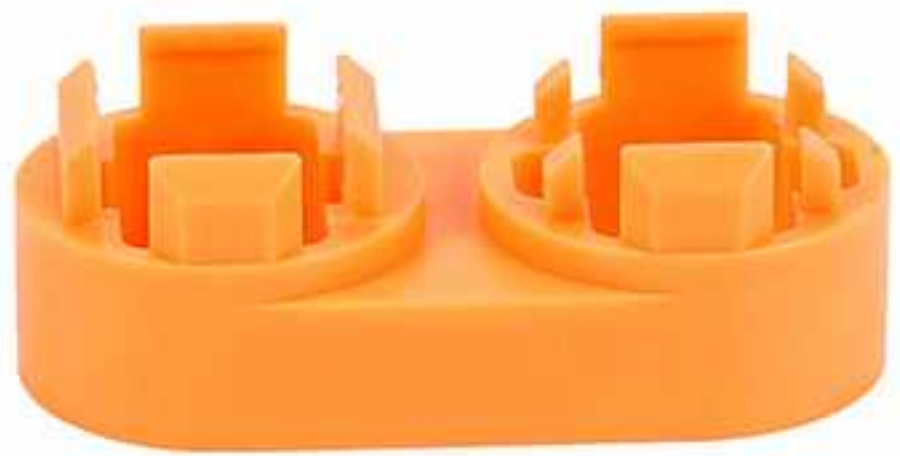
使用效果



switch puller



lubricant



switch opener



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