

Actuator BD23



Features

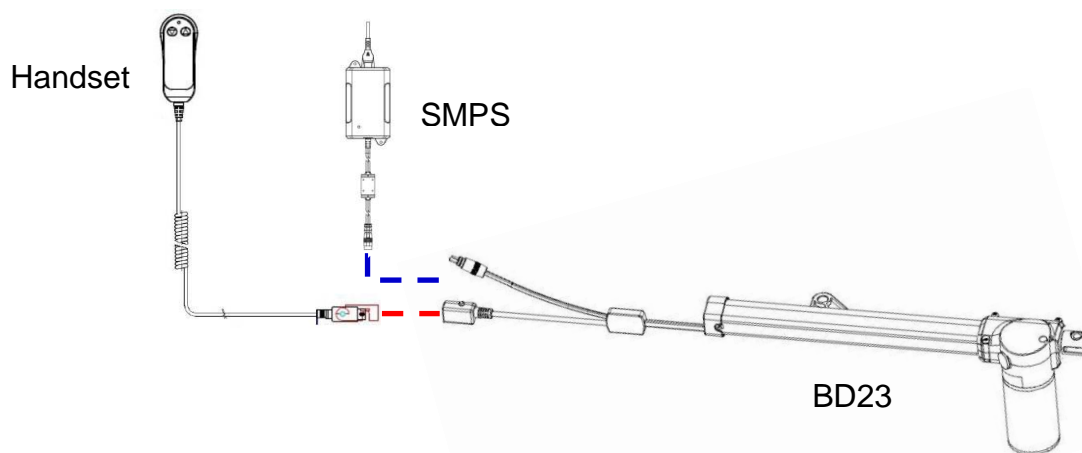
- ◆ BD23 is a quiet, rapid and powerful actuator. It allows a big stroke range in confined space, small fitting dimensions, and with excellent mechanical design to provide high speed and self-lock performance, which make BD23 an ideal solution for recliner. It is able to connect with handset and power supply, and make up a simple system without control box.
- ◆ Main applications : Furniture
- ◆ Input voltage : 24V DC
- ◆ Max. load : 1500N(push), 1000N(pull)
- ◆ Max. current : 2.3 A @ 24V DC
- ◆ Max. speed at no load : 25 mm/sec
- ◆ Max. speed at full load : 23 mm/sec @ 1500N
- ◆ Stroke : 40~230 mm
- ◆ Duty cycle : 10%, max. 2 min continuous operation in 20 min.
- ◆ Ambient operation temperature : -20°C~+65°C
- ◆ Color : Black
- ◆ Certified : CE marking, EMC Directive 2014/30/EU
- ◆ Noise Level : ≤ 53 dB
- ◆ Preset limit switches

Options

- ◆ Location of cable outlet (front end or rear end)
- ◆ Different cable length(including spiral or not)

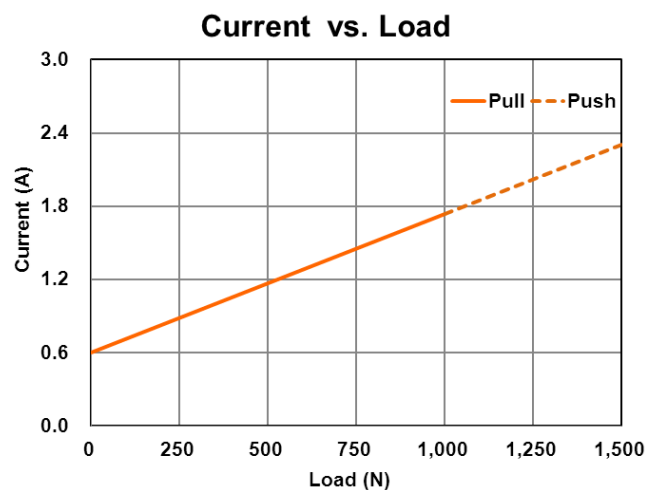
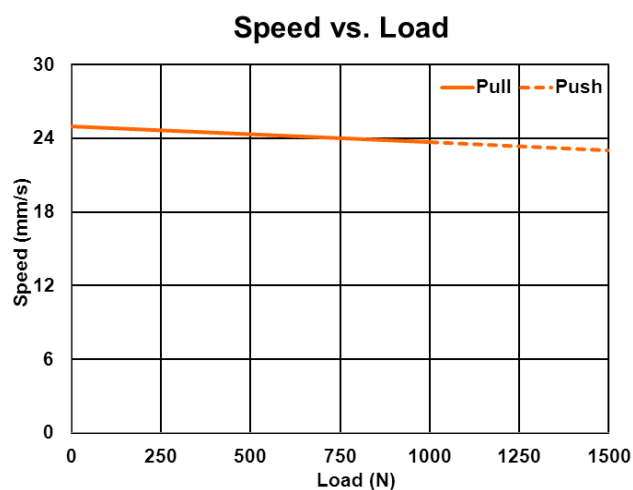
Compatibility

1. **Handset** : HB, HR, H2G, HR, HS02, TPSG
2. **Power supply** : TSW1, TSW3

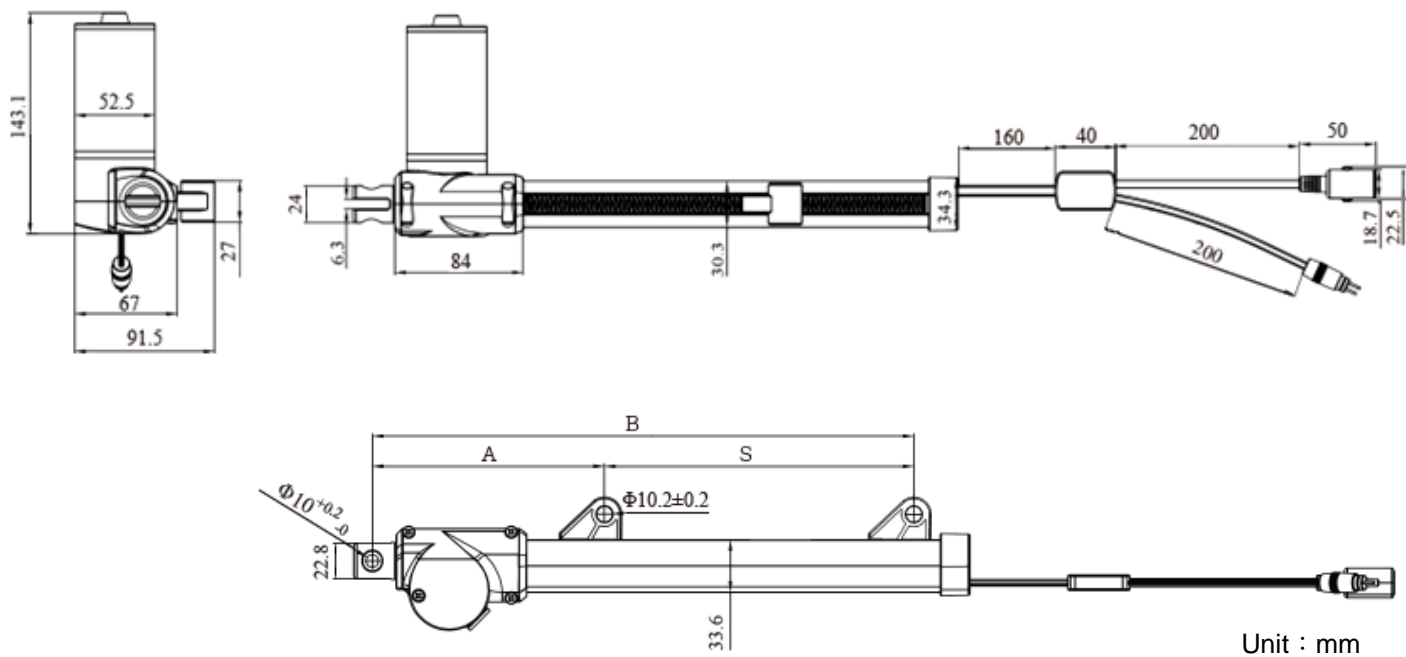


Performance Data

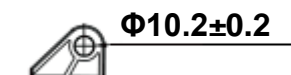
Model No.	Max. Load (N)		Speed (mm/s)		Current (A)	
	Push	Pull	No load	Full load	No load	Full load
BD23-XX- N4 -XXX.XXX-XX-XX	1500	1000	25	23	0.6	2.3



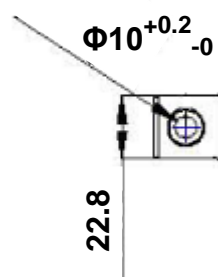
Dimensions



◆ Front connector



◆ Rear connector



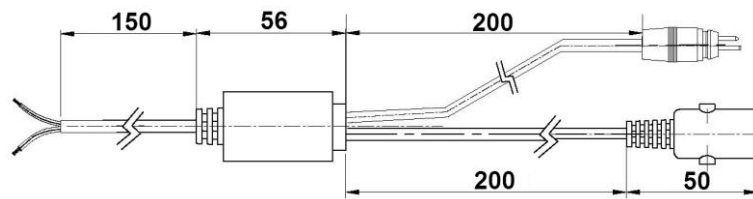
Cx2 Metal

◆ Installation Length

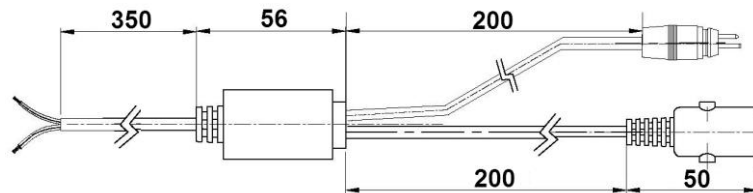
Stroke (S)	40~230mm
Retracted length (A)	$A \geq 133\text{mm}$
Extended length (B)	$B = A + S$

◆ Cable length

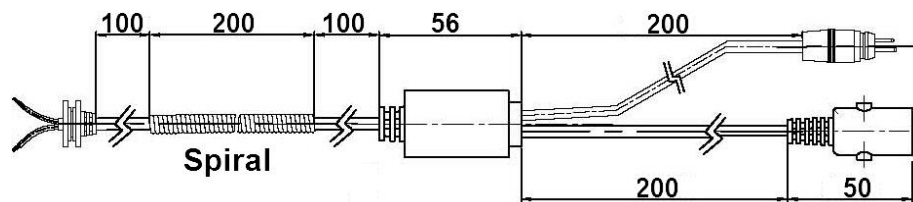
400mm
All straight



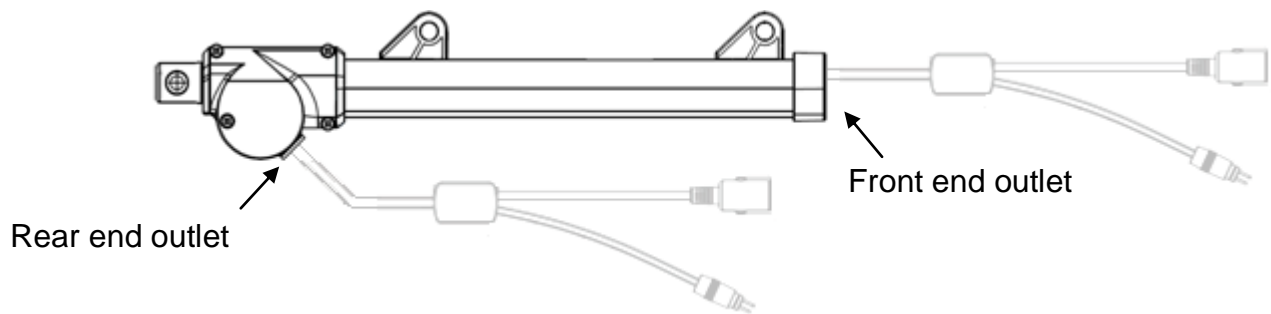
600mm
All straight



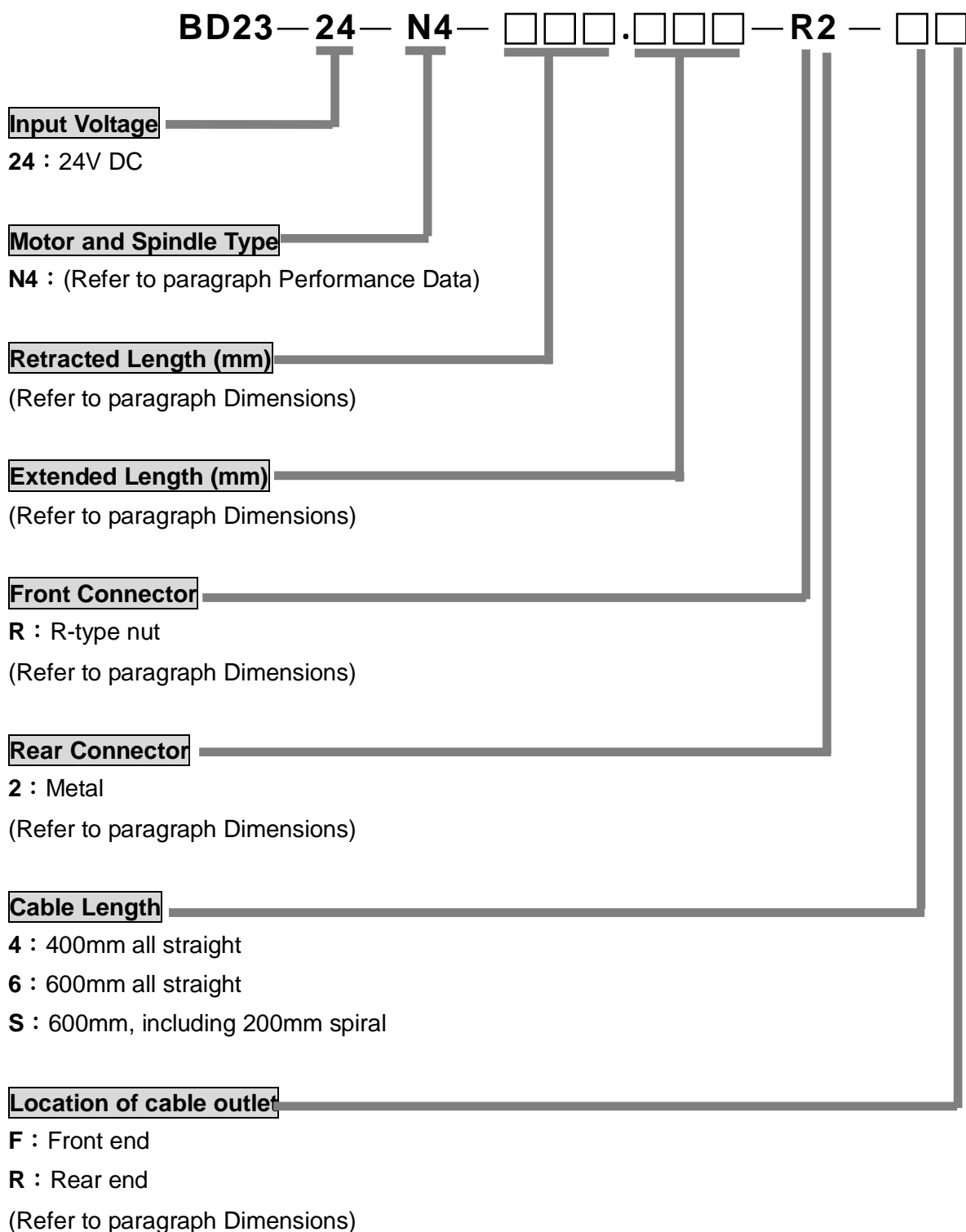
600mm
Including spiral



◆ Location of cable outlet



Ordering Key



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