

SPRING HINGE (DOUBLE ACTION) DA

SUS



- Opens in both directions inside and outside.
- Spring loaded for self-closing.
- Spring tension adjustable with three steps with a hex key.
- Opening angle is 180°.
- All parts including shaft and spring made of stainless steel (SUS304).
- Anodised type is also available in black, white, gold, bronze colours. (Made to order / MOQ: 2 pcs)

[Relationship Between Door Height and Door Weight]

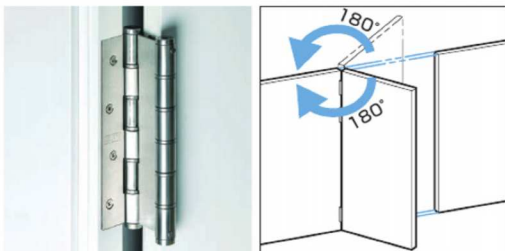
	DA120	DA180
Recommended Door Height	1800~2500 mm	
Min. Door Height	500 mm	800 mm
Door Weight	Door Height: Max. 1800mm	
	Reduce by 1.1 kg for lowering 100mm each time.	Reduce by 2.1kg for lowering 100mm each time.

[Special Colours (made to order)]

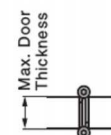
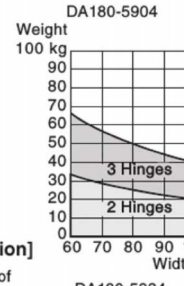
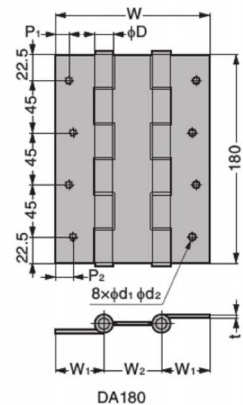
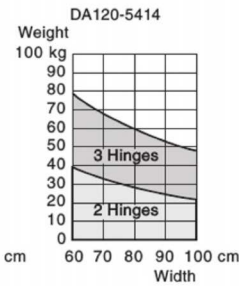
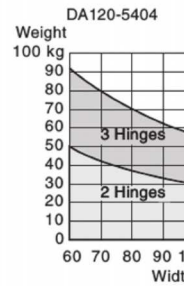
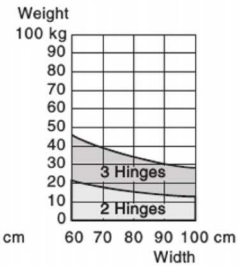
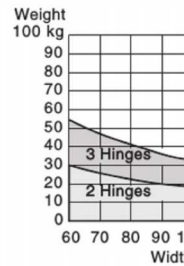
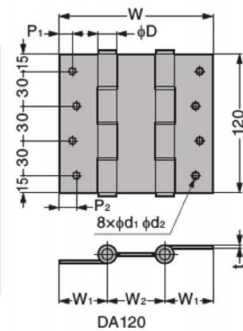


[Remarks]

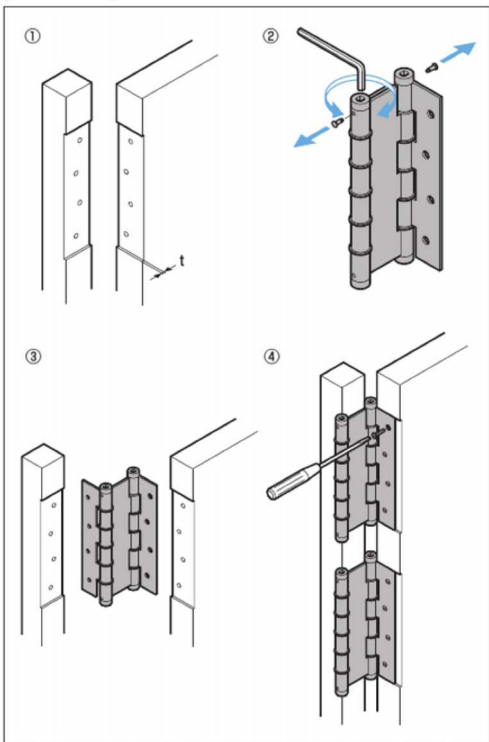
- In case of noise, apply lubricant (grease) to washer and torsion spring.



Hinges for double action door.

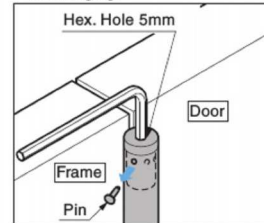


[Installation]

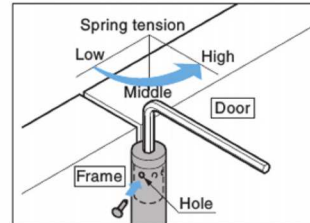


[How to Adjust Spring Tension]

- Figure below shows the case of left-hanging.



Loosen shaft with a hex key and remove the pin.



Adjust spring tension with three steps. Put the pin to the hole and fix.

RoHS	CAD	Item Code	Item Name	Material	Finish	W	W ₁	W ₂	P ₁	P ₂	D	t	d ₁	d ₂	Max. Door Thickness	Opening Angle	Screw	Weight (g)	Box (pcs)
RoHS	3D	170-090-803	DA120-5404-01	Aluminium Alloy	Anodised	101	29.5	42	6.5	11.5	16	4	5.3	10	30	180°	-	275	2
RoHS	3D	170-090-804	DA120-5414-01	Aluminium Alloy	Anodised	133	40	53	11	16	17	2.5	5.5	9	40		Countersunk Head Tapping Screw	320	2
RoHS	3D	170-090-805	DA120-5414-05	Stainless Steel (SUS304)	Plain	133	40	53	11	16	17	2.5	5.5	9	36	180°	-	555	2
RoHS	3D	170-090-806	DA180-5904-01	Aluminium Alloy	Anodised	101	29.5	42	6.5	11.5	16	4	5.3	10	30		Countersunk Head Tapping Screw	407	2
RoHS	3D	170-090-807	DA180-5914-01	Aluminium Alloy	Anodised	133	40	53	11	16	17	2.5	5.5	9	40	180°	-	466	2
RoHS	3D	170-090-808	DA180-5914-05	Stainless Steel (SUS304)	Plain	133	40	53	11	16	17	2.5	5.5	9	38		Countersunk Head Tapping Screw	947	2
RoHS	3D	170-090-809	DA180-5934-01	Aluminium Alloy	Anodised	157	48.5	60	19.5	24.5	16	4	5.3	10	50	180°	-	510	2
RoHS	3D	170-090-809	DA180-5934-01	Aluminium Alloy	Anodised	157	48.5	60	19.5	24.5	16	4	5.3	10	50		Countersunk Head Tapping Screw	510	2