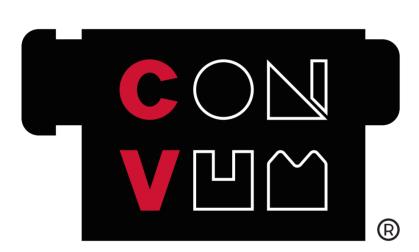
# Kraft bag suction hand SGP-H2 series









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**Customer support number** 

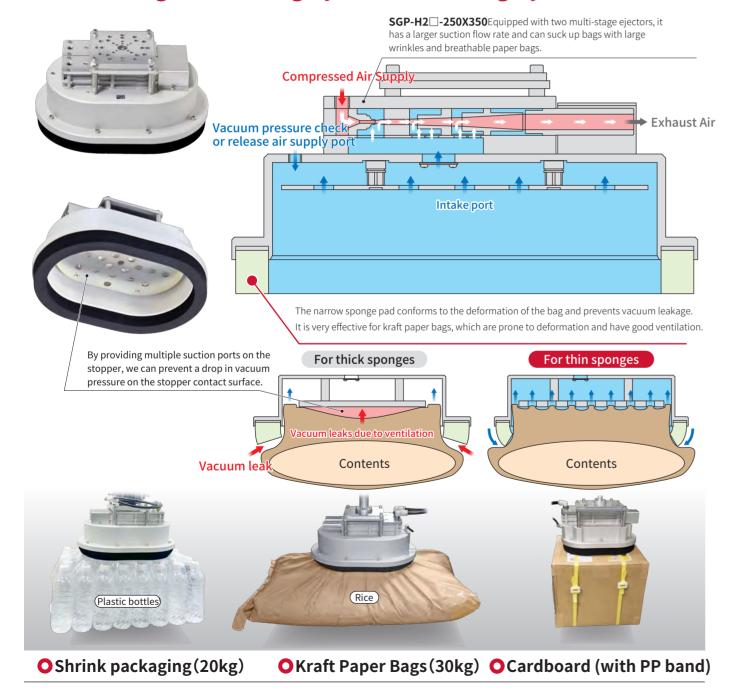
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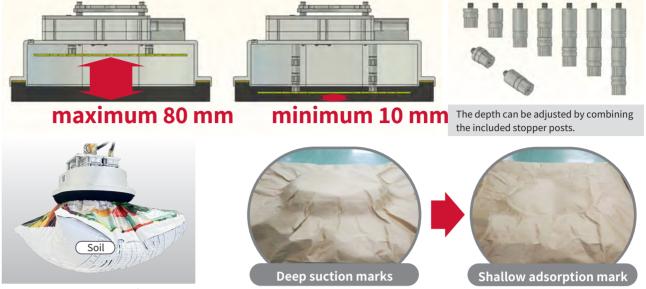
## **Bag Suction Hand SGP-H2 series**



The sponge follows the deformation of the bag, making it possible to adsorb bags that are highly deformed or highly breathable.



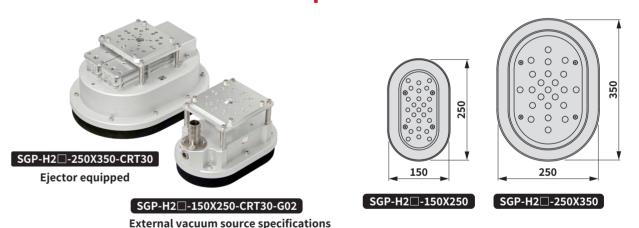
## Adjustable stopper depth reduces suction marks



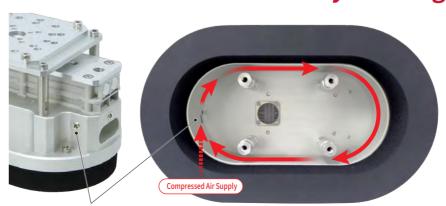
#### OPlastic bags (30kg)

By making the stopper deeper, the deeper bags can be absorbed into the hand, increasing the contact area and improving suction power. Conversely, by making the stopper shallower, suction marks can be reduced, so please use it in a way that satisfies the conditions.

## Available in two sizes to suit bag size. External vacuum source option also available.



## The inside can be cleaned by swirling air flow.



Body interior cleaning port (Rp1/8)

Note) Only installed on SGP-H2 -150X250-CR



The upper flange allows for attachment to various robot In the case of **SGP-H2A**、 P.C.D.100/80/50/31.5 In the case of **SGP-H2B**、 P.C.D.90/63/40

## **Bag Suction Hand**

SGP-H2 Series

#### **Model Number**





1) Flange plate A P.C.D.100/80/50/31.5

2 Sponge Size

**B** P.C.D.90/63/40

150X250	length 150mm width 250mm
250X350	length 250mm width 350mm

**3** Sponge material and thickness

	Material	Hardness	Color	Heat Resistance	Thickness
CRT30	Chloroprene Rubber	ASKER C 8	Black	-55∼150°C	30mm

Note 1) This is the heat resistance temperature of the rubber material only. Performance may change near the upper and lower temperature limits, so please test in the actual environment. The environmental temperature range for using the kraft paper bag suction hand is 0 to 50°C.

#### 4) Vacuum source

No symbol	Ejector included	
-G02	External vacuum source note2)	

Note 2) The recommended inner diameter of the connecting hose is 25 mm. Secure it with a hose clip.



Vacuum pressure check or release air supply port

23Sponge size and material

SGP-H2□-250X350-CRT30



Vacuum pressure check or release air supply port 4 Ejector equipped

#### Model number and weight

CODE	Model Number	Weight
502700280	SGP-H2A-150X250-CRT30	3.2 kg
502700281	SGP-H2B-150X250-CRT30	3.2 kg
502700282	SGP-H2A-150X250-CRT30-G02	3.0 kg
502700283	SGP-H2B-150X250-CRT30-G02	3.0 kg
502700277	SGP-H2A-250X350-CRT30	5.6 kg
502700278	SGP-H2B-250X350-CRT30	5.6 kg
502700285	SGP-H2A-250X350-CRT30-G02	4.8 kg
502700286	SGP-H2B-250X350-CRT30-G02	4.8 kg

#### **Specification**

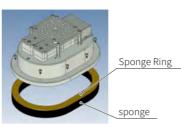
		unit	SGP-H2□-250X350	SGP-H2□-150X250	SGP-H2□-G02
Flui	d used		Oil-free con	npressed air	Air
Operating	temperature	°C		$0 \sim 50$ (But not free	zing.)
Operating p	ressure range		0.15	~ 0.60 [MPa]	0 ∼ -85 [kPa]
Finator	Rated Pressure	MPa	0.	55	
Ejector performance	Vacuum pressure	kPa	3-	35	
periormance	Suction flow rate	L/min(ANR)	1208	604	
	Flow rate	L/min(ANR)	480	240	-
Exhaust	Adsorbed	dB(A)	72	72	
LAHaust	Not adsorbed	ub(A)	88	86	

Note 4) When selecting, please carry out adsorption tests using the actual machine. Also, do not judge whether adsorption is possible or not based solely on the size of the sponge. We recommend testing with both sizes, as compatibility will vary depending on various conditions such as the thickness, deformation, and wrinkles of the bag.

#### Maintenance parts and option model numbers

Replacement sponge (with sponge ring)

#### SPH 250X350 CRT30



#### ①Sponge size (compatible formats)

150X250	SGP-H2□-150X250-CRT30□
250X350	SGP-H2□-250X350-CRT30□

#### Model number list and weight

	_	
CODE	Model Number	Weight
518000195	SPH150X250CRT30	454g
518000179	SPH250X350CRT30	694g

#### Stopper support (4 pieces)

### SGP-H-SS 20





#### Model number list and weight

CODE	Model Number	Weight <sup>Note 3)</sup>		
518000185	SGP-H-SS20	31g		
518000186	SGP-H-SS30	51g		
518000187	SGP-H-SS40	71g		

Note 3) It is the mass of four pieces.

## SGP-H-SS20





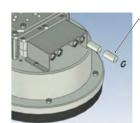
SGP-H-SS40

SGP-H-SS30

Note 4) By combining the stopper posts and adjusting the depth, you can reduce suction marks and adjust the suction strength. All three types of stopper posts are included with the main unit, so please purchase maintenance parts if they are damaged or lost.

#### Silencer element (4 pieces)

#### SGP-CVZ-SE



Silencer Element

Note 1) **SGP-H2**□**-250X350** A total of 8 pieces are required, so if you want to replace them all, please purchase 2 sets.

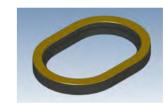
#### Model number list and weight

CODE	Model Number	Weight <sup>Note 2)</sup>
518000118	SGP-CVZ-SE	0.8g

Note 2) The mass is that of 4 pieces.

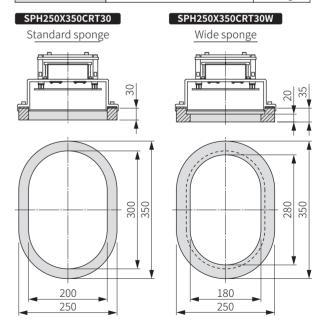
#### Wide sponge (with sponge ring)

#### SPH250X350CRT30W



#### Model number list and weight

CODE	Model Number	Weight
518000188	SPH250X350CRT30W	720g

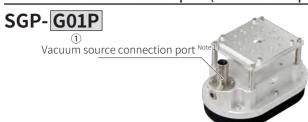


The increased thickness of the sponge reduces vacuum leakage.

Effective when there is little deformation of the bag and a lot of vacuum leakage due to the shape of the contents, such as shrink packaging and paper bags with high filling rates.

#### Maintenance parts and option model numbers

#### Vacuum source connection port (for external specifications)



#### SGP-H2 -150X250-CRT30-G02

#### Note 1) **SGP-H2** - **150X250/250X350-CRT30-G02**

**SGP-G02P** is delivered already installed. This is useful if you want to change to a threaded connection or connect a larger hose to reduce suction flow loss.

#### 1)Size

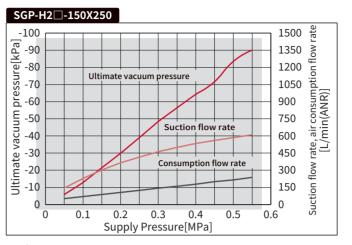
_	
G01P	Female thread Rc1/2
G02P	Barb outer diameter 27mm, hose inner diameter 25mm)
G03P	Barb outer diameter 34mm, hose inner diameter 32mm)

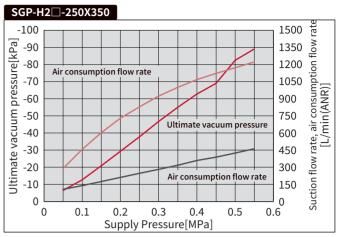


#### Model number list and weight

CODE	Model Number	Weight
518000119	SGP-G01P	150g
518000120	SGP-G02P	141g
518000121	SGP-G03P	176g

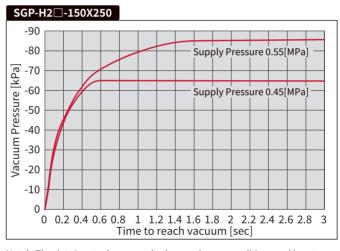
#### **Ejector performance**

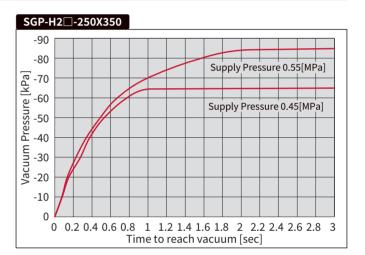




Note) The data are actual measurements taken under our own conditions and are not specifications. Please use them as reference values when selecting or using the product.

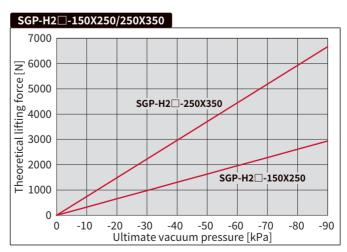
#### Response speed (adsorption time)





Note) The data is actual measured values under our conditions and is not a specification; please use it as a reference value when selecting or using the product. The condition is the response speed when adsorbing a flat plate.

#### Theoretical lifting force



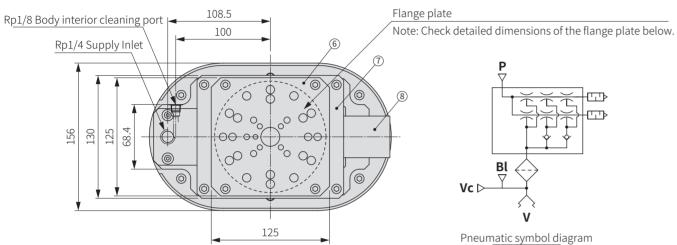
Note) This is the theoretical lifting force against the vacuum pressure.

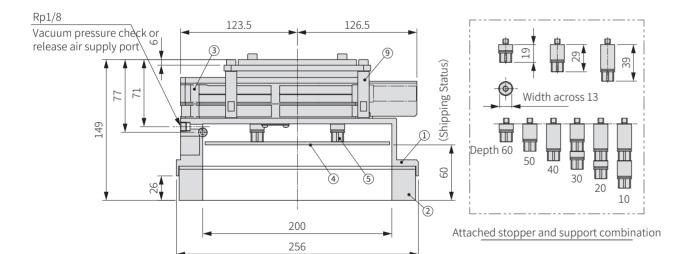
Please use this as a reference value when checking how much lifting force (suction force) the adsorbed workpiece can theoretically hold.

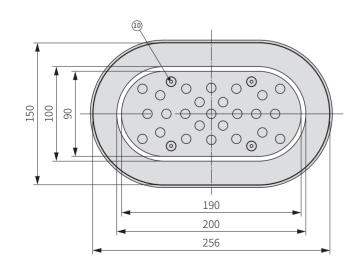
#### Dimensions

#### SGP-H2□-150X250-CRT30









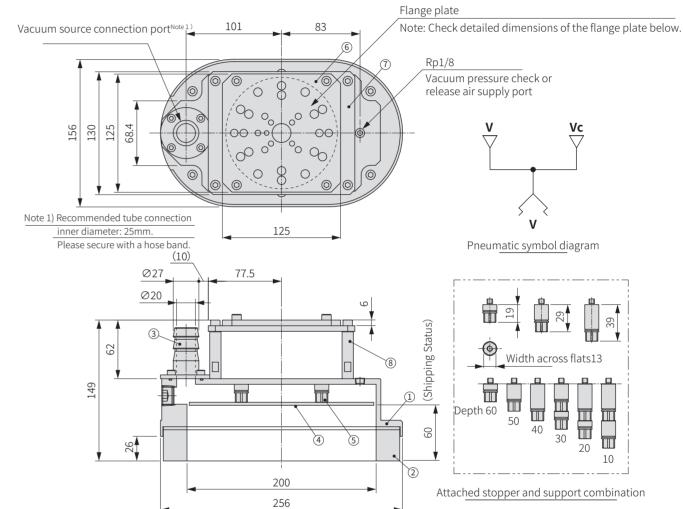
#### Material List

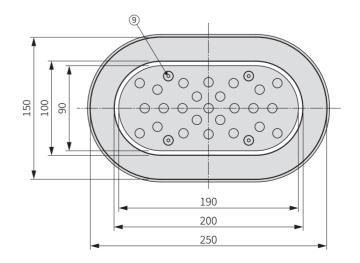
Number	Part Name	Material
1	Body	Aluminum alloy
2	Sponge pad	Chloroprene Sponge Rubber
3	Ejector	Aluminum alloy/PA/NBR/HNBR
4	Stopper	Iron
(5)	Stopper support	Aluminum alloy
6	Flange plate	Aluminum alloy
7	Base plate	Aluminum alloy
8	Cover	Aluminum alloy
9	Shaft	Stainless
10	Low head bolt	Stainless

#### **Dimensions**

#### SGP-H2□-150X250-CRT30-G02







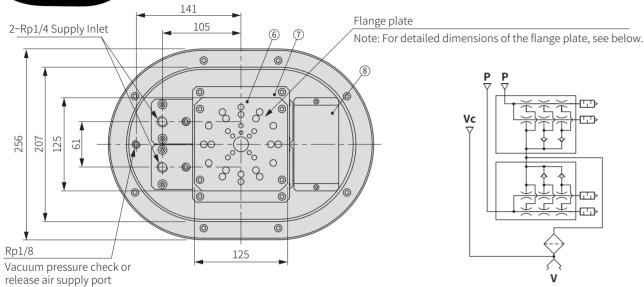
#### Material List

Number	Part Name	Material		
1	Body	Aluminum alloy		
2	Sponge pad	Chloroprene Sponge Rubber		
3	Vacuum external port	Iron, nickel plated		
4	Stopper	Iron, zinc trivalent chromate		
(5)	Stopper support	Aluminum alloy		
6	Flange plate	Aluminum alloy		
7	Base plate	Aluminum alloy		
8	Shaft	Stainless		
9	Low head bolt	Stainless		

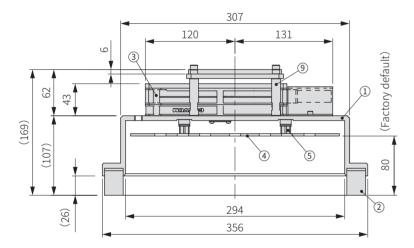
#### **Dimensions**

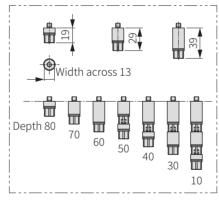
#### SGP-H2□-250X350-CRT30



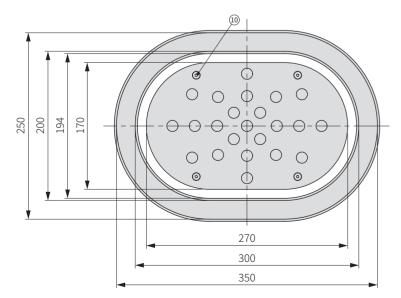


Vc





Attached stopper and support combination

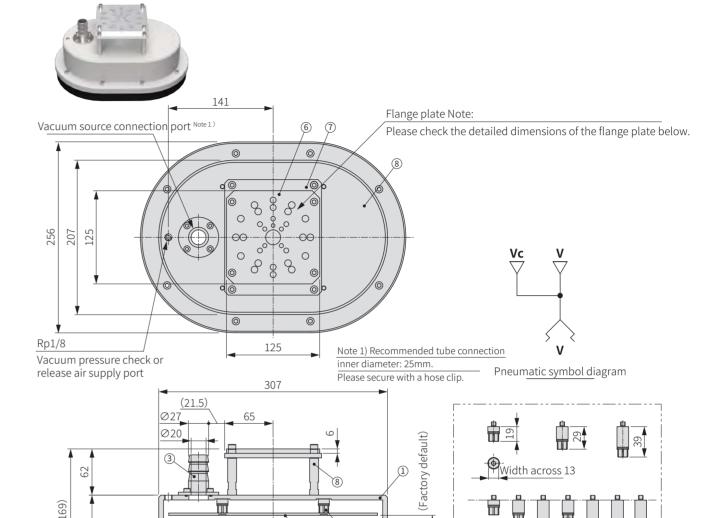


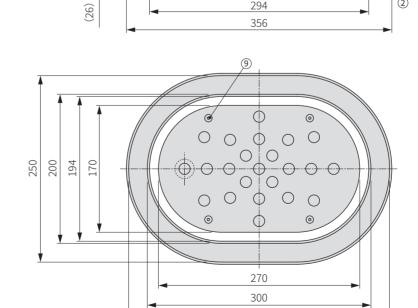
Material List

Number	Part Name Material					
1	Body	Aluminum alloy				
2	Sponge pad	Chloroprene Rubber				
3	Ejector Aluminum alloy/PA/NBR/F					
4)	Stopper	Iron				
(5)	Stopper support	Aluminum alloy				
6	Flange plate	Aluminum alloy				
7	Base plate	Aluminum alloy				
8	Cover	Aluminum alloy				
9	Shaft	Stainless				
10	Low head bolt	Stainless				

#### **Dimensions**

#### SGP-H2□-250X350-CRT30-G02





294

350

#### Material List

70

Depth 80

80

50

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30

60

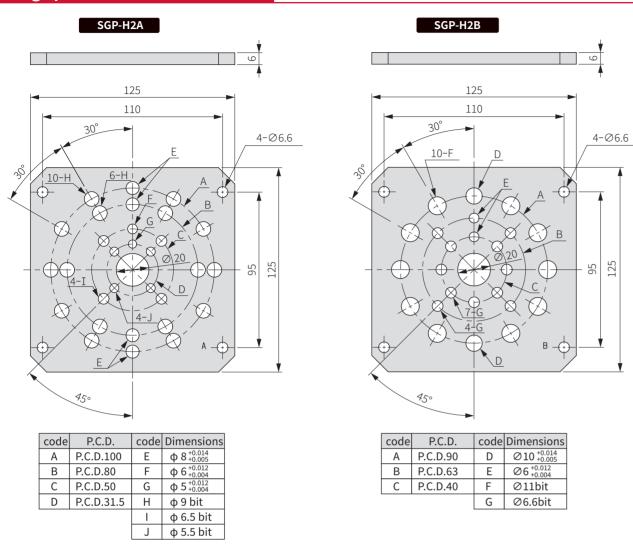
Attached stopper and support combination

Number	Part Name	Material		
1	Body	Aluminum alloy		
2	Sponge Pad	Chloroprene Rubber		
3	Vacuum external port	Iron, nickel plated		
4	Stopper	Iron, zinc trivalent chromate		
(5)	Stopper support	Aluminum alloy		
6	Flange Plate	Aluminum alloy		
7	Base plate	Aluminum alloy		
8	Shaft	Stainless		
9	Low head bolt	Stainless		

#### Paper bag suction hand

SGP-H2

## Flange plate detailed dimensions



Please check the compatible robot table below for a list of models that can be installed with flange plates and robots from other manufacturers.

## Robot compatibility chart

Model Number	Maker	Robot	Payload capacity (kg)	Flanges P.C.D	Mounting screw	Locating pin hole
		RS030N	30	110.5	361677	pinnote
	Kawasaki	RS050N	50	D C D 00	6.440	
	Heavy Industries	RS080N	80	P.C.D.80	6-M8	2-Ø8
	industries	RD080N	80			
		CRX-10iA/10iAL	10		7-	M6
		CRX-20iA/20iAL	20	P.C.D.50		Bolts 4-M6
		CRX-25iA	25		Transcr of	
	FANUC	M-710iC/50T	50	P.C.D.100	10-M8	Ø8
		M-710iC/50S	50			
		M-710iC/50H M-710iC/50E	50 50			
		M-710iC/30E M-710iC/70T	70			
		R-1000iA/80F	80			
		R-1000iA/80H	80			
		R-1000iA/100F	100			
		COBOTTA PRO900	6	D.C. D. F.O.	7-	M6
	D	COBOTTA PRO1300	12	P.C.D.50	Number of	bolts 4-M6
SGP-H2A-150X250-CRT30	Denso	VLA-4025	40	P.C.D.100	10-M8	Ø8
SGP-H2A-150X250-CRT30-G02		VLA-6022	60	P.C.D.100	10-1418	68
SGP-H2A-250X350-CRT30		RV-35F	35			
SGP-H2A-250X350-CRT30-G02	Mitsubishi	RV-50F	50	P.C.D.80	6-M8	2-Ø8
	Electric	RV-70F	70			
		MOTOMAN-HC20***	20	P.C.D.50	4-M6	-
		MOTOMAN-HC30***	30			
		MOTOMAN-GP35L	35			
	Yaskawa	MOTOMAN-GP50	50			
	Electric	MOTOMAN-GP88	88 35	P.C.D.80	6-M8	2-Ø8
		MOTOMAN MUEOU	50			
		MOTOMAN-MH50II MOTOMAN-MH80II	80			
		TVM1500	10			
	Toshiba	TVM1200	15			
	TOSTIIDA	TVM900	20			
		UR10	10	P.C.D.50		
	Universal	UR16	16		4-M6	-
	Robots	UR20	20			
		TM12	12			1
	OMRON	TM14	14			
Model Number	Maker	Robot	Payload capacity (kg)	Flange P.C.D	Mounting screw	Locating pin hole
		RS010N	10	P.C.D.40		
	Kawasaki Heavy	RS010L	10	P.C.D.63		
	Industries	RS015X	15			
		RS020N				·
		101 0000	20		4-M6	Ø6
		VM-6083	13		4-M6	Ø6
	Denso	VM-60B1	13 13	P.C.D.40	4-M6	Ø6
	Denso	VM-60B1 VMB-2515	13 13 25	P.C.D.40	4-M6	Ø6
	Denso	VM-60B1 VMB-2515 VMB-2518	13 13 25 25	P.C.D.40	4-M6	Ø6
	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M	13 13 25 25 25 10	P.C.D.40	4-M6 4-M6	Ø6
	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS	13 13 25 25 25 10	P.C.D.40		Ø6
	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M	13 13 25 25 25 10 10 20	P.C.D.40		Ø6
	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M	13 13 25 25 25 10 10 20 35			
SGP_H2R_150Y250_CPT20	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT	13 13 25 25 25 10 10 20	P.C.D.40	4-M6	Ø6 Ø6
SGP-H2B-150X250-CRT30 SGP-H2B-150X250-CRT30-G02	Denso	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT	13 13 25 25 25 10 10 20 35 20			
SGP-H2B-150X250-CRT30 SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT	13 13 25 25 25 10 10 20 35 20 35		4-M6	
SGP-H2B-150X250-CRT30-G02		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25	13 13 25 25 25 10 10 20 35 20 35 25		4-M6	
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25 M-20iB/25C	13 13 25 25 25 10 10 20 35 20 35 25 25		4-M6	
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25 M-20iB/25C M-20iB/35S	13 13 25 25 25 10 10 20 35 20 35 25 25 35		4-M6	
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25 M-20iB/25C M-20iB/35S CR-35iB	13 13 25 25 25 10 10 20 35 20 35 25 25 35 35		4-M6	
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC	VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25 M-20iB/25C M-20iB/35S CR-35iB M-710iC/45M	13 13 25 25 25 10 10 20 35 20 35 25 25 35 45	P.C.D.40	4-M6 7-M6	Ø6
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30		VM-60B1 VMB-2515 VMB-2518 M-10iA/10M M-10iA/10MS M-20iA/20M M-20iA/35M M-20iA/20MT M-20iA/35MT M-20iB/25 M-20iB/25C M-20iB/35S CR-35iB M-710iC/45M M-710iC/50	13 13 25 25 25 10 10 20 35 20 35 25 25 35 45 50	P.C.D.40	4-M6 7-M6	Ø6
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/20MT  M-20iA/35MT  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/70	13 13 25 25 25 10 10 20 35 20 35 25 25 35 45 50 70	P.C.D.40	4-M6 7-M6	Ø6
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/20MT  M-20iB/25  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FRL(M)(C)	13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 45 50 70 10 13 13	P.C.D.40	4-M6 7-M6	Ø6
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/20MT  M-20iB/25  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FR(M)(C)	13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 45 50 70 10 13	P.C.D.40	4-M6 7-M6	Ø6 Ø10
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/35MT  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FL(M)(C)  RV-13FL(M)(C)	13 13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 45 50 70 10 13 13 13 13	P.C.D.40	4-M6 7-M6	Ø6
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC  Toshiba  Mitsubishi	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/35MT  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FL(M)(C)  RV-13FL(M)(C)  RV-20FR(M)(C)	13 13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 45 50 70 10 13 13 13	P.C.D.40 P.C.D.90	4-M6 7-M6	Ø6 Ø10
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC  Toshiba  Mitsubishi	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/35MT  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FR(M)(C)  RV-13FL(M)(C)  RV-20FR(M)(C)  RV-20F(M)(C)	13 13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 35 45 50 70 10 13 13 13 13 20 20	P.C.D.40 P.C.D.90	4-M6 7-M6	Ø6 Ø10
SGP-H2B-150X250-CRT30-G02 SGP-H2B-250X350-CRT30	FANUC  Toshiba  Mitsubishi	VM-60B1  VMB-2515  VMB-2518  M-10iA/10M  M-10iA/10MS  M-20iA/20M  M-20iA/35M  M-20iA/35MT  M-20iB/25  M-20iB/25C  M-20iB/35S  CR-35iB  M-710iC/45M  M-710iC/50  M-710iC/70  TV1000H  RV-13FR(M)(C)  RV-13FL(M)(C)  RV-13FL(M)(C)  RV-20FR(M)(C)	13 13 13 25 25 25 10 10 20 35 20 35 25 25 35 35 45 50 70 10 13 13 13 13 13 20	P.C.D.40 P.C.D.90	4-M6 7-M6	Ø6 Ø10

#### Kraft paper bag suction hand (SGP-H2) Notes



Please read this before use. Please also refer to "For safe use" in this catalog, "Common precautions" and "Common precautions for Convum" in the general catalog, and the "Instruction manual" for this product. Please check our website. https://convum.co.jp

#### Usage notes

#### Danger

- Do not touch or go near the suction port while the product is supplying compressed air and operating. The product has a large suction flow rate and suction area, so there is a risk of being sucked in and getting injured. If you need to touch the product, be sure to stop the product before doing so.
- This product uses vacuum suction to hold heavy workpieces, so if the vacuum stops due to an air supply line malfunction or emergency stop, the workpiece will fall immediately. Do not stand directly under the machine or in the transfer area while suction is in progress. If the vacuum stops or decreases, the workpiece will be released and fall. Failure to follow the above precautions may result in equipment malfunction or damage, or personal injury, including death.

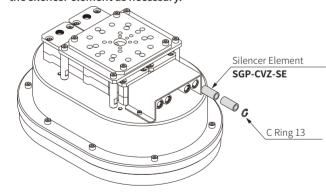


· Use without lubrication. If an air lubricator is used to lubricate the air being supplied, oil will adhere to the nozzle, reducing the vacuum performance and deteriorating the silencer element, decreasing the suction flow rate.

#### **Silencer Element**

### **M** warning

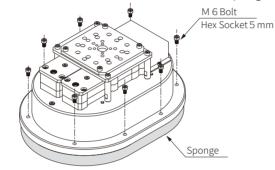
·When fluids such as oil and water or impurities adhere to the silencer element, the exhaust resistance increases (clogging), reducing the vacuum performance and silencing effect. Replace the silencer element as necessary.



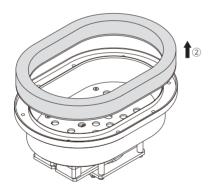
#### How to replace the sponge

#### Attention

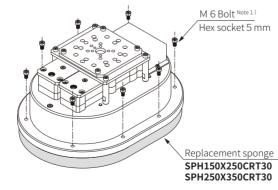
- The sponge may fall when you remove it, so take measures to prevent it from falling, such as removing it from the device and placing it on a table or floor.
- 1) Remove the M6 bolt that secures the sponge...



2) Hold down the sponge and flip it over to remove it.



3 Insert a new replacement sponge, hold the sponge down while flipping it over, and secure it with an M6 bolt.



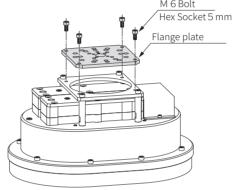
Note 1) Recommended tightening torque: 5.2 [N·m] Please use a thread locking agent depending on the conditions of use.

### Installation

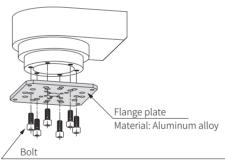
Kraft paper bag suction hand (SGP-H2) Notes

#### Danger

- When installing or removing the product, be sure to take measures to prevent it from falling. The product is heavy, so there is a risk of injury to personnel or damage to other equipment or products if the product falls. We recommend that two or more people carry out the work.
- (1) Remove the four M6 bolts at the top and remove the flange M 6 Bolt

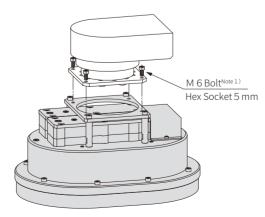


2) Fix the flange plate to the robot or machine.



Please prepare bolts that are suitable for your recommended tightening torque for the bolts and a thread locking agent to prevent them from falling off.

3 Fix the body and flange plate

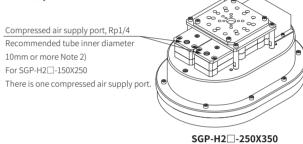


Note 1) Recommended tightening torque: 5.2 [N · m] Please use a thread locking agent depending on the conditions of use.

#### Connection (ejector mounted type)

#### Attention

• As this product has a large air consumption flow rate, please be careful of reducing the supply pressure. Since the supply pressure at the compressed air supply port is assumed, depending on the piping length and inner diameter of the tube, the vacuum performance may not be achieved due to the effect of reduced pressure. Therefore, please keep the piping as short as possible and use tubes with a large inner diameter.



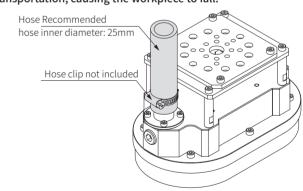
Note 2) Depending on the length of the piping, vacuum performance

may not be achieved. In that case, please use a tube with an

## inner diameter larger than the recommended one. Connection (external vacuu specification)

#### Attention

• Be sure to secure the hose with a hose band. There is a risk that the hose may come loose during transportation, causing the workpiece to fall.



SGP-H2 -150X250-CRT30-G02

#### Kraft paper bag suction hand (SGP-H2) preca

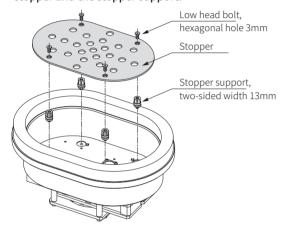


Please read this before use. Please also refer to "For safe use" in this catalog,
"Common precautions" and "Common precautions for Convum" in the general catalog, and the
"Instruction manual" for this product. Please check our website: https://convum.co.jp

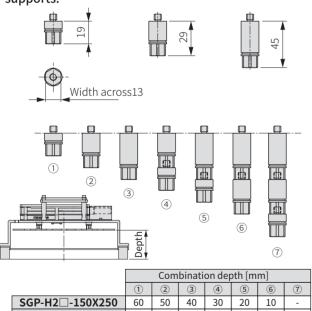
#### **Depth Adjustment**

#### Attention

- The stopper may fall when removing it, so take measures to prevent it from falling, such as removing it from the device and placing it on a table or floor.
- ①Turn it over and remove the four low-head bolts securing the stopper and the stopper support.

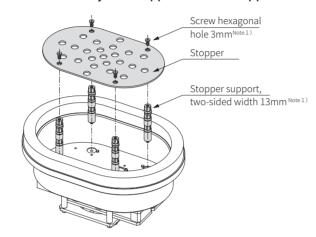


②Adjust the depth by combining the included stopper supports.



SGP-H2□-250X350 80 70 60 50 40 30 10

③Install the adjusted support and the stopper.。



Note 1) Recommended tightening torque: 2.6 [N · m] We recommend using a thread locking agent to prevent the screws from falling off.