

Maintenance parts



Rubber only

Cushion rubber (With filter mesh)

Spring band

Robot hand kit compatible parts SGB - FB Note) FB is flange base for mounting SGB-20 to robot hand kit and CRK series flange

Specifications

Item		Unit	Specification	
Cup inner diameter		-	20	30
Fluid		-	Oil-free compressed air	
Operating ambient temperature		°C	0~50(Without frozen)	
Operating pressure range		MPa	0.1~0.4	
	Rated pressure	MPa	0.35	
Vacuum	Nozzle diameter	mm	0.5	0.7
performance	Vacuum pressure	-kPa	-87	
	Air consumption	L/min	15	26
Exhausted air sound volume		dB	65	70
Mass	Band	g	160	340
	Rubber film only		10	30
Relief valve pressure		kPa	3	
Dimension for mounting parts		-	P.C.D20(M4) Recommeded torque: 1.5N · m	P.C.D25 (M4) Recommeded torque : 1.5N · m

Rubber film specifications

Mark	Material	Hardness (A/S)	Ambient temperature range	Color
S4	Silicone rubber	40	-60~250℃	Translucent light blue
N4	Nitrile rubber	40	-27~120℃	Black
SM	Metal containing	55	-60~250℃	Grey

Note) SM is material that reacts with metal detector.



2-6-18 Shimomaruko, Ohta-ku, Tokyo 146-0092, Japan TEL 81-3-3759-1491 FAX 81-3-5741-7020 **Myotoku Ltd.** https://www.convum.co.jp/en

No. 8Y01





^{*}Specifications may change without prior notice.

^{*}Please refer to the catalog and instruction manual about How to use, notes









New structure hand (BALLOON HAND) to pick up workpiece which could not be grabbed before.

Suitable for handling a wide range of workpiece shapes and sizes by one hand.





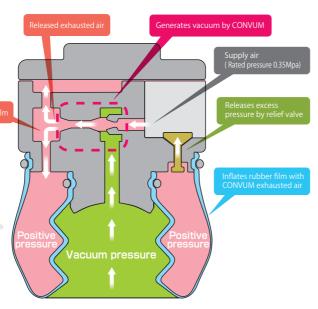




Easy operation with built-in CONVUM(Vacuum ejector) by supplying compressed air.

Exhausted air flowing to rubber fi

Compressed air generating vacuum through CONVUM is exhausted into the BALLOON HAND and inflates it. It enables the BALLOON HAND to hold the workpiece firmly.

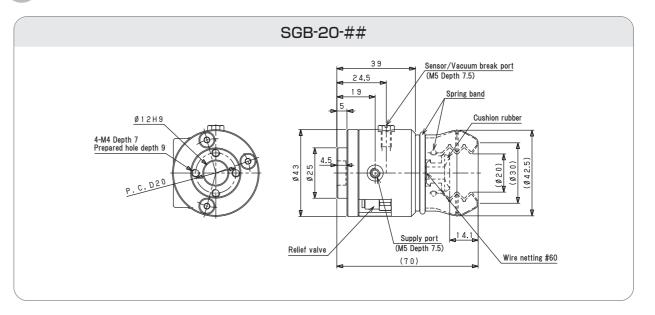


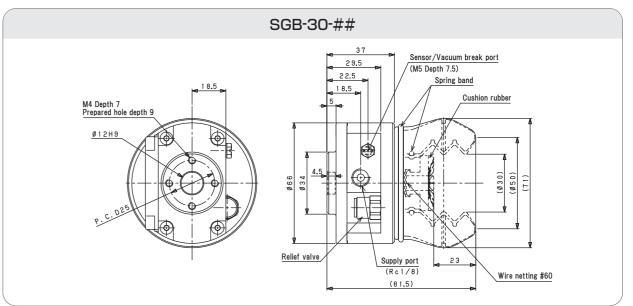


Exhausted air goes into the rubber film and inflates like balloon.

No air is wasted by using the exhausted air of CONVUM in this way.

Dimension





Internal structure

No.	Part name	Material	Other
1	Body	AL	Anodizing treatment
2	Adapter	AL	Anodizing treatment
3	Relief valve	SUS/FKM	No treatment
4	Nozzle kit	AL·NBR	No treatment
(5)	Nozzle end	AL	No treatment
6	Exhaust cover	AL	Anodizing treatment
7	Rubber film	Si, NBR	
8	Cushion rubber	Si	
9	Spring band	SUS	
10	Filter mesh	SUS	#60
-	Plug	Brass	Nickel
-	Screw, Hard ball	SUS/Fe	
-	O ring	NBR	

