



e·HAND

SGE series

NEW

No compressor

Energy saving

Applicable for collaborative robots

Compact·Light weight



*Specifications may change without prior notice.
*Please refer to the catalog and instruction manual about How to use, notes.



NEW e·HAND
SGE
series



No compressed air is necessary with built in vacuum pump



Power consumption **4Watt**

Electricity bills per year only **JPY98**

*Based on tests conducted by Myotoku

Operational conditions

- Power consumption : 4W
- 1kWh=JPY16
- 1 unit
- Operation hours 10hours per day
- Suction time : 5 hours



One day
Power consumption
25.5Wh
Electricity bills
JPY0.408



1 month
(20 working days)
Electricity bills
JPY8.16



1 year
Electricity bills
JPY97.92



Flange to connect to collaborative robots is prepared.



Compact and light weight to be used with 0.5~3kg payload collaborative robots

Mass **260g**

Applicable suction cup size

- Cup diameter : $\phi 10 \sim 30$
- Setting screw : M5
- Theoretical lifting force (N)
 $\phi 10 : 4.5, \phi 20 : 17.9, \phi 30 : 40.3$
*At vacuum pressure, -57kPa

How to order

SGE - **M5** - **N**
Port size M5 Output type NPN open collector

*With M8 connector 4 pins cable.

Robot adapter flange

SGE - P **250**

Robot mounting diameter

Symbol	P.C.D.
250	25
315	31.5
500	50



Option connection cable for robot

SGE - **FS088**

Connector for robot

Symbol	P.C.D.
FS088	M8 connector, 8p, Female screw, straight, 300mm
MS088	M8 connector, 8p, Male screw, straight, 300mm
MS128	M12 connector, 8p, Male screw, straight, 150mm

Specifications

Description	Unit	Specifications
Vacuum pressure	kPa	-57
Voltage	DCV	24
Power consumption	W	4
Ambient temperature	°C	10~40
Protection rating	-	IP30
Mass	g	260
Noise level	dB	56
Inrush current	A	0.34
Motor	-	Coreless motor
Suction command signal	-	Sink input
OUT1	-	output