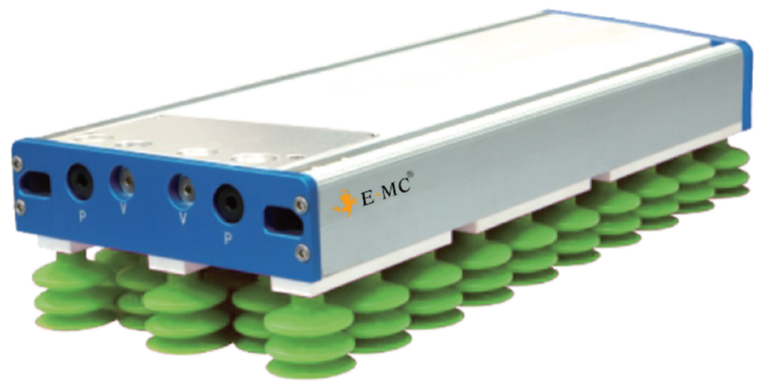
EGP200–S–A

Vacuum Gripper(Built–In Vacuum Source)



Product Features

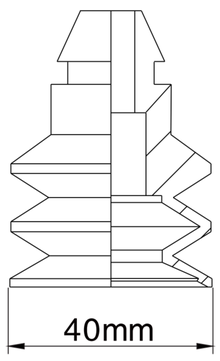
- Suitable for different industry products grabing, meet various specifications.
- Flexible selection of standard or customized gripper, suction of different sizes can be freely combined and used.
- Optional self-closing valve technology can solve workpieces with large vacuum leakage, uneven surface, different sizes and geometric shapes.
- The vacuum source uses a built-in plug-in vacuum generator, lower air consumption, greater vacuum flow, and shorter vacuum build-up time.
- Integrated plug-in vacuum generating device, which can be individually configured and quickly disassembled according to changing working conditions.
- Modular design for easy maintenance.
- The interface is reserved, and functional components can be directly added to the gripper, the process has been optimized, environmental protection and energy saving.
- The material is aluminum alloy, factory plastic and carbon fiber composite material, which has the characteristics of high strength and light weight.
- Easy to install,with T-type removable mounting slider， available for fixing grippers as well as for mounting or mounting sensors.
- Rubber sealing gasket accessory for quick replacement.

How to Order?

Series No.	Gripper Width	—	Gripper Length	Valve Technology	—	Suction–hole Type	Gripper Diameter Type	—	Vacuum Source
EGP: Vacuum gripper	200:200mm		273:273mm 458:458mm 550:550mm 643:643mm 735:735mm 828:828mm 920:920mm 1012:1012mm 1243:1243mm 1428:1428mm	V:Self–closing valve L:Flow valve S:High–speed valve		5：Five rows embedded module 9：Nine rows embedded module	S40：Gripper diameter 40 S20：Gripper diameter 20		A：Built–in vacuum generator

Order Example: EGP series vacuum gripper, gripper width 200mm, gripper length 400mm, self–closing valve, five rows embedded module, gripper diameter 40mm, built–in vacuum generator.EPR code is:EGP200–4000V–5S40–A

Gripper Accessory Series No.

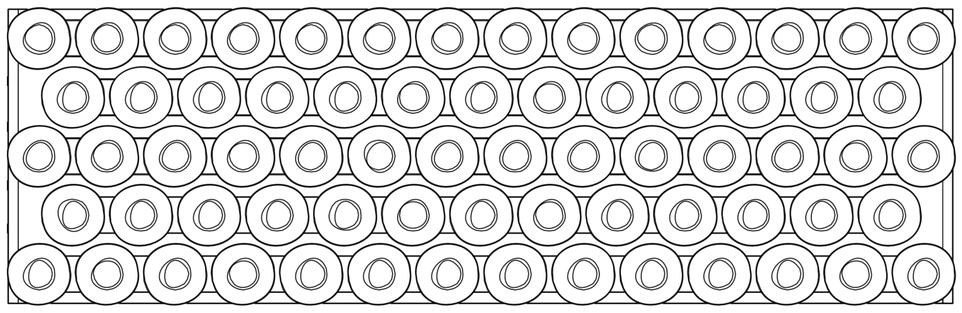


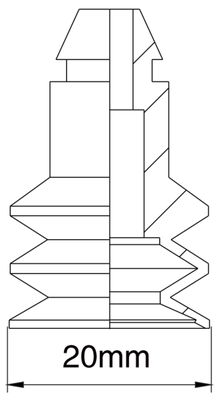
Gripper Accessory Series No: S40

Gripper diameter 40MM

Gripper uses 5 rows

Suction–hole Type:5



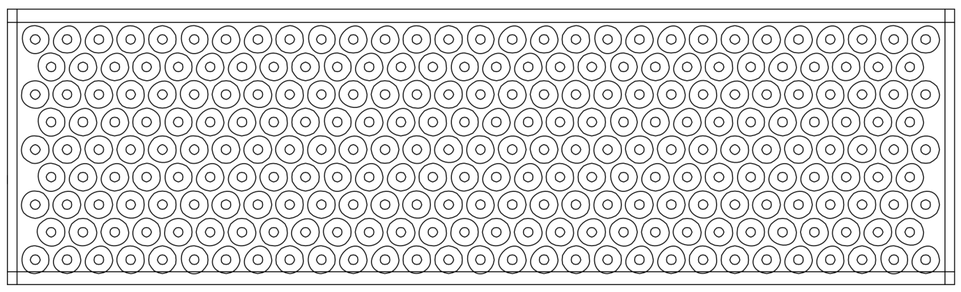


Gripper Accessory Series No: S20

Gripper diameter 20MM

Gripper uses 9 rows

Suction–hole Type:9



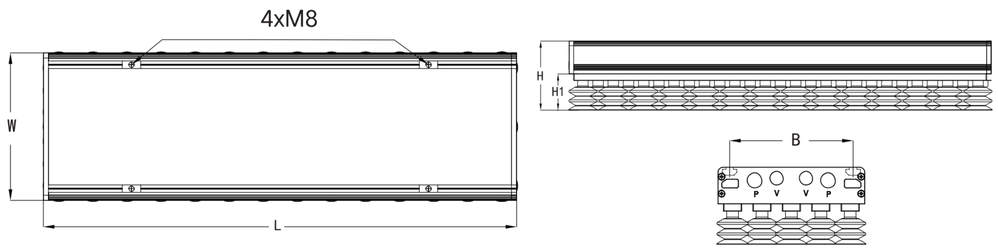
Performance Parameter

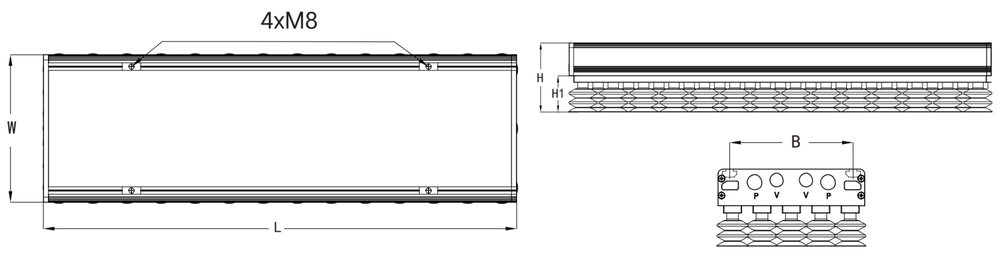
Model	Suction–hole Type	Gripper Type	Supply Gas Pressure(MPa)	Gripper Number	Gas Consumption (L/min)	Vacuum Degree (kPa)	Vacuum Flow (L/min)	Suction Force N(–60kPa)	Weight (kg)
EGP200–273V–5S40–A	5	S40	0.4~0.6	28	100	–60	350	418	3.3
EGP200–458V–5S40–A	5	S40	0.4~0.6	48	300	–60	1050	716	4.4
EGP200–550V–5S40–A	5	S40	0.4~0.6	58	400	–60	1400	866	5
EGP200–643V–5S40–A	5	S40	0.4~0.6	68	400	–60	1400	1015	5.5
EGP200–735V–5S40–A	5	S40	0.4~0.6	78	400	–60	1400	1164	6.1
EGP200–828V–5S40–A	5	S40	0.4~0.6	88	400	–60	1400	1313	6.7
EGP200–920V–5S40–A	5	S40	0.4~0.6	98	500	–60	1750	1462	7.2
EGP200–1012V–5S40–A	5	S40	0.4~0.6	108	S00	–60	1750	1612	7.7
EGP200–1243V–5S40–A	5	S40	0.4~0.6	133	600	–60	2100	1985	9.1
EGP200–1428V–5S40–A	5	S40	0.4~0.6	153	600	–60	2100	2283	10.2
EGP200–273V–9S20–A	9	S20	0.4~0.6	95	200	–60	700	475	3.3
EGP200–458V–9S20–A	9	S20	0.4~0.6	167	300	–60	1050	835	4.4
EGP200–550V–9S20–A	9	S20	0.4~0.6	203	400	–60	1400	1015	5
EGP200–643V–9S20–A	9	S20	0.4~0.6	239	400	–60	1400	1195	5.5
EGP200–735V–9S20–A	9	S20	0.4~0.6	275	500	–60	1750	1375	6.1
EGP200–828V–9S20–A	9	S20	0.4~0.6	311	600	–60	2100	1555	6.7
EGP200–920V–9S20–A	9	S20	0.4~0.6	347	600	–60	2100	1735	7.2
EGP200–1012V–9S20–A	9	S20	0.4~0.6	383	600	–60	2100	1915	7.7
EGP200–1243V–9S20–A	9	S20	0.4~0.6	473	800	–60	2800	2365	9.1
EGP200–1428V–9S20–A	9	S20	0.4~0.6	545	800	–60	2800	2725	10.2

Main Dimension

Dimension：[mm]

Model	B	L	W	H	H1
EGP200-458V-5S40-A	168	458	200	105	55
EGP200-550V-5S40-A	168	550	200	105	55
EGP200-643V-5S40-A	168	643	200	105	55
EGP200-735V-5S40-A	168	735	200	105	55
EGP200-828V-5S40-A	168	828	200	105	55
EGP200-920V-5S40-A	168	920	200	105	55
EGP200-1012V-5S40-A	168	1012	200	105	55
EGP200-1243V-5S40-A	168	1243	200	105	55
EGP200-1428V-5S40-A	168	1428	200	105	55



Dimension：[mm]

Model	B	L	W	H	H1
EGP200-273V-9S20-A	168	273	200	105	55
EGP200-458V-9S20-A	168	458	200	105	55
EGP200-550V-9S20-A	168	550	200	105	55
EGP200-643V-9S20-A	168	643	200	105	55
EGP200-735V-9S20-A	168	735	200	105	55
EGP200-828V-9S20-A	168	828	200	105	55
EGP200-920V-9S20-A	168	920	200	105	55
EGP200-1012V-9S20-A	168	1012	200	105	55
EGP200-1243V-9S20-A	168	1243	200	105	55
EGP200-1428V-9S20-A	168	1428	200	105	55