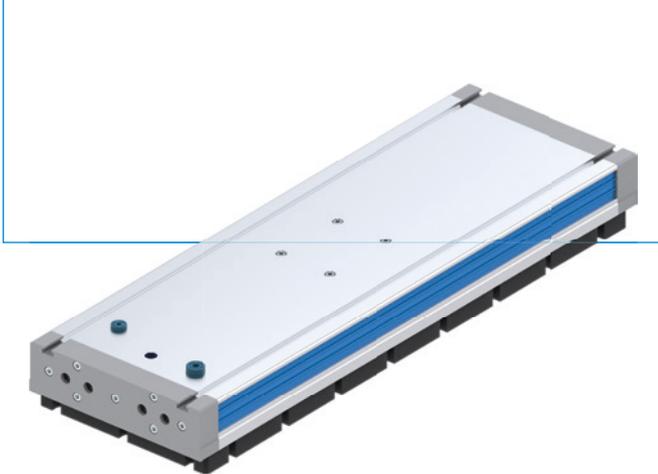


# VACUUM GRIPPING SYSTEM

## SERIES ZGA

### ▶ PRODUCT ADVANTAGES



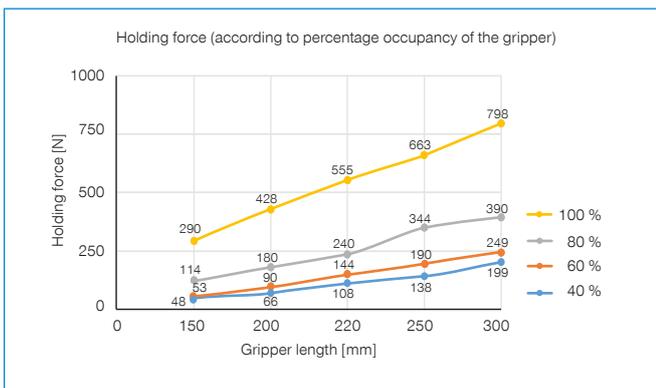
- ▶ **Dimensions: 80x150 mm–300x1200 mm**
- ▶ **High-performance**
  - Volume flow: 171 l/min–2,896 l/min
  - Air consumption: 208 l/min–832 l/min
  - Max. vacuum level: -85 kPa
- ▶ **Compatible with EPDM foam and Magic Cups**
- ▶ **ESC valve technology for overhead suction**

### ▶ PRODUCT KEY

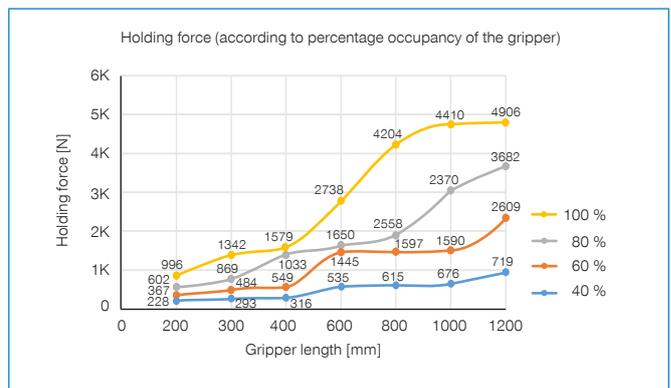
ZGA	200X300	34	FS2	N
Series	Dimensions	Levels and number of vacuum cartridges	Valve technology and hole pattern	Air and blow-off control valve, sensor

### ▶ DIAGRAMS

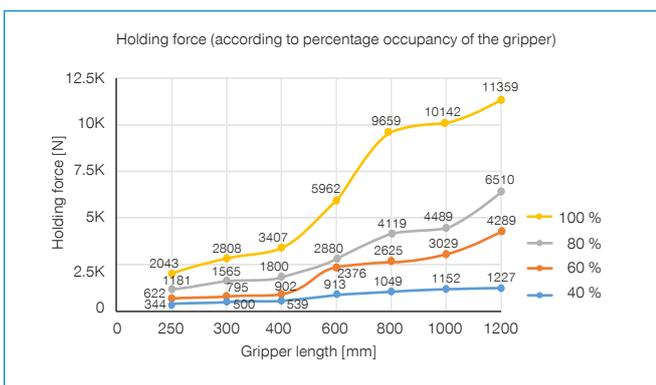
ZGA80



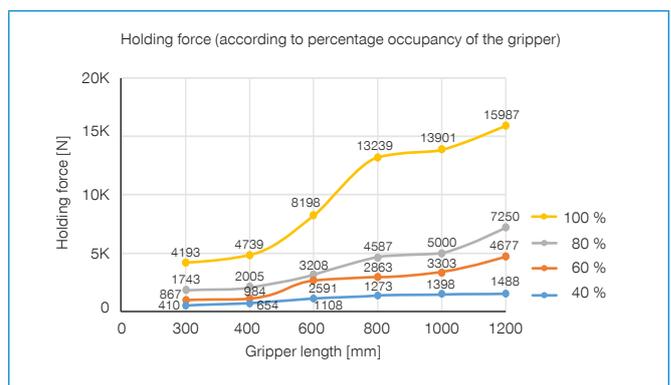
ZGA130



ZGA200

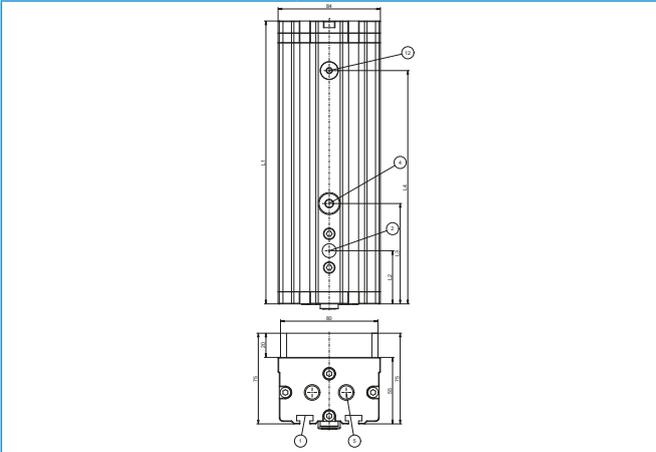


ZGA300



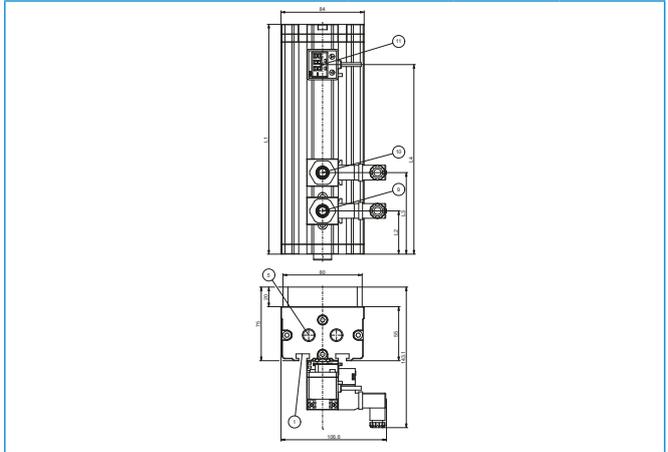
## ▶ TECHNICAL DRAWINGS

### ZGA80



- ① Fixing
- ② Pneumatic connection
- ④ Blow-off connection
- ⑤ Exhaust air/exhaust air valve

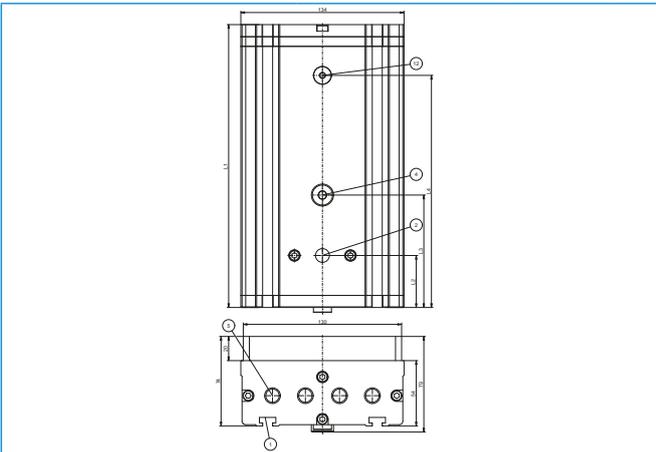
### ZGA80 with accessories



- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch
- ⑫ Vacuum switch connection

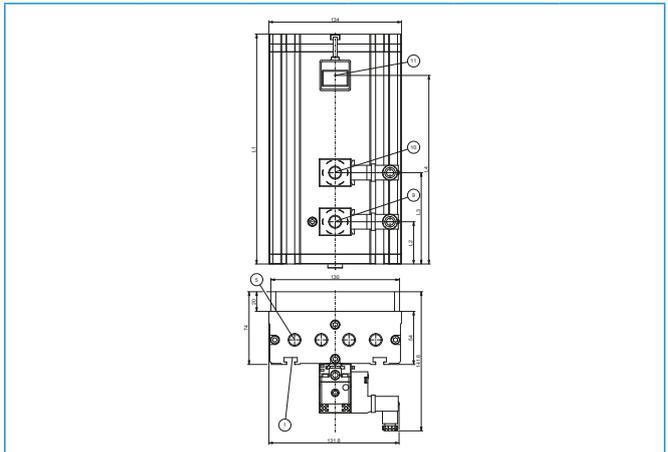
Model	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
ZGA80X150	164	30	136	0
ZGA80X200	214	80	118	186
ZGA80X220	234	44	83	193
ZGA80X250	264	72	34	222
ZGA80X300	314	42	80	272

### ZGA130



- ① Fixing
- ② Pneumatic connection
- ④ Blow-off connection
- ⑤ Exhaust air/exhaust air valve

### ZGA130 with accessories



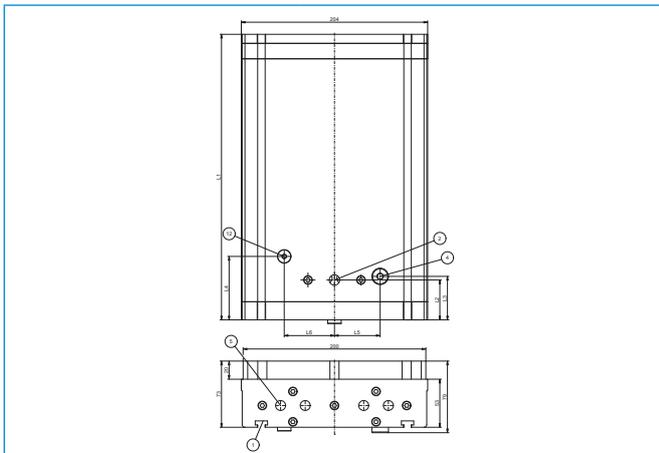
- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch
- ⑫ Vacuum switch connection

Model	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
ZGA130X220	234	43	93	192
ZGA130X300	314	43	93	272
ZGA130X400	414	143	93	372
ZGA130X600	621	350	400	579
ZGA130X800	822	551	601	780
ZGA130X1000	1022	751	801	980
ZGA130X1200	1222	951	1001	1180

# VACUUM GRIPPING SYSTEM

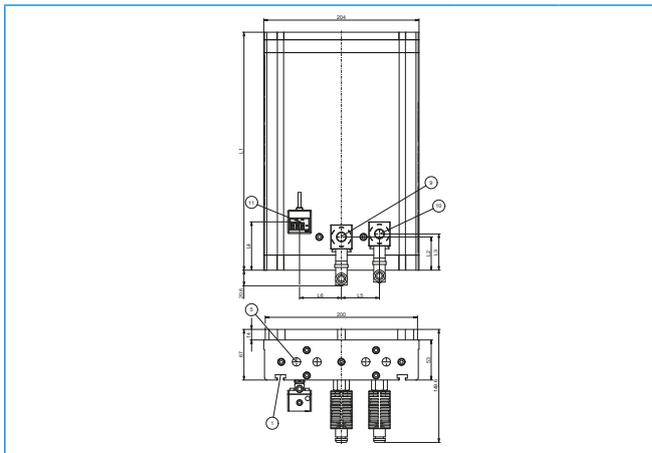
## SERIES ZGA

### ZGA200



- ① Fixing
- ② Pneumatic connection
- ④ Blow-off connection
- ⑤ Exhaust air/exhaust air valve

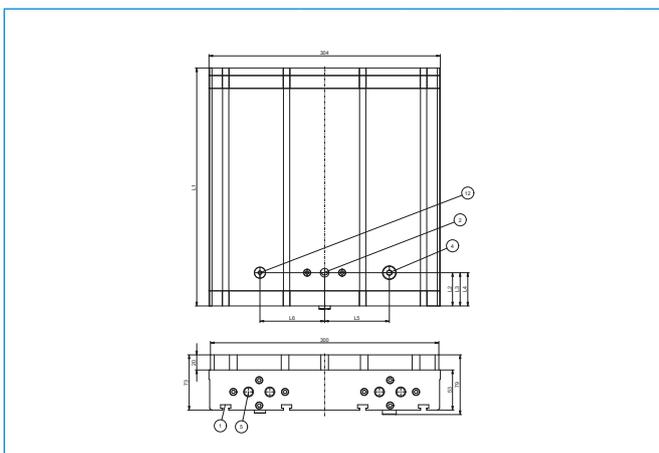
### ZGA200 with accessories



- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch
- ⑫ Vacuum switch connection

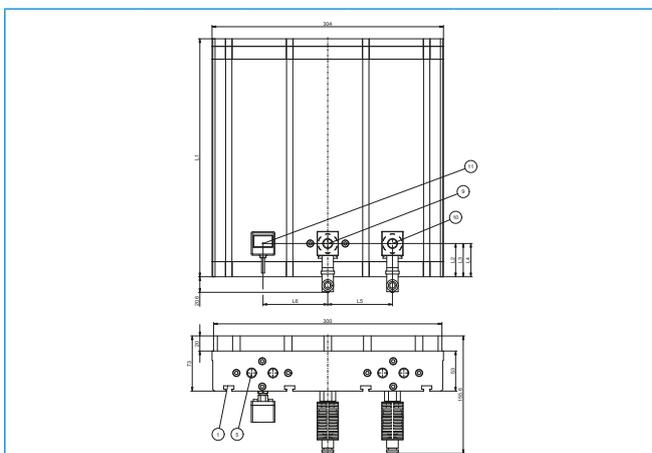
Model	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]
ZGA200X300	315	44	48	64	50	55
ZGA200X400	415	44	48	70	50	55
ZGA200X600	622	51	55	71	55	55
ZGA200X800	822	51	55	77	55	55
ZGA200X1000	1022	51	77	77	55	55
ZGA200X1200	1222	51	77	77	55	55

### ZGA300



- ① Fixing
- ② Pneumatic connection
- ④ Blow-off connection
- ⑤ Exhaust air/exhaust air valve

### ZGA300 with accessories



- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch
- ⑫ Vacuum switch connection

Model	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]
ZGA300X300	315	44	44	44	85	85
ZGA300X400	415	44	44	44	85	85
ZGA300X600	622	51	51	51	86	86
ZGA300X800	822	51	51	51	86	86
ZGA300X1000	1022	51	51	51	86	86
ZGA300X1200	1222	51	51	51	86	86

## ▶ TECHNICAL DATA

Order no.	▶ Technical data								
	Max. vacuum level [kPa]	Volume flow [l/min]	Air consumption at 4 bar [l/min]	Air consumption at 6 bar [l/min]	Hole pattern of the sealing foam mat	Air control valve	Blow-off control valve	Valve type of the area gripper	Weight [kg]
ZGA80X150-32-CL2	-85	171	64		Round Ø 12	No	No	Non-return valve	1
ZGA80X150-32-CL2-N	-85	171	64		Round Ø 12	Yes	Yes	Non-return valve	1
ZGA80X150-32-CL2-P	-85	171	64		Round Ø 12	Yes	Yes	Non-return valve	1
ZGA80X150-32-FL2	-85	171	64		Round Ø 12	No	No	Flow resistance	1
ZGA80X150-32-FL2-N	-85	171	64		Round Ø 12	Yes	Yes	Flow resistance	1
ZGA80X150-32-FL2-P	-85	171	64		Round Ø 12	Yes	Yes	Flow resistance	1
ZGA80X150-32-FS2	-85	171	64		Round Ø 12	No	No	Flow resistance	1
ZGA80X150-32-FS2-N	-85	171	64		Round Ø 12	Yes	Yes	Flow resistance	1
ZGA80X150-32-FS2-P	-85	171	64		Round Ø 12	Yes	Yes	Flow resistance	1
ZGA80X200-32-CL2	-85	171		208	Round Ø 12	No	No	Non-return valve	1.4
ZGA80X200-32-CL2-N	-85	171		208	Round Ø 12	Yes	Yes	Non-return valve	1.4
ZGA80X200-32-CL2-P	-85	171		208	Round Ø 12	Yes	Yes	Non-return valve	1.4
ZGA80X200-32-FL2	-85	171		208	Round Ø 12	No	No	Flow resistance	1.4
ZGA80X200-32-FL2-N	-85	171		208	Round Ø 12	Yes	Yes	Flow resistance	1.4
ZGA80X200-32-FL2-P	-85	171		208	Round Ø 12	Yes	Yes	Flow resistance	1.4
ZGA80X200-32-FS2	-85	171		208	Round Ø 12	No	No	Flow resistance	1.4
ZGA80X200-32-FS2-N	-85	171		208	Round Ø 12	Yes	Yes	Flow resistance	1.4
ZGA80X200-32-FS2-P	-85	171		208	Round Ø 12	Yes	Yes	Flow resistance	1.4
ZGA80X220-22-CL2	-75	400		208	Round Ø 12	No	No	Non-return valve	1.5
ZGA80X220-22-CL2-N	-75	400		208	Round Ø 12	Yes	Yes	Non-return valve	1.5
ZGA80X220-22-CL2-P	-75	400		208	Round Ø 12	Yes	Yes	Non-return valve	1.5
ZGA80X220-22-FL2	-75	400		208	Round Ø 12	No	No	Flow resistance	1.5
ZGA80X220-22-FL2-N	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.5
ZGA80X220-22-FL2-P	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.5
ZGA80X220-22-FS2	-75	400		208	Round Ø 12	No	No	Flow resistance	1.5
ZGA80X220-22-FS2-N	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.5
ZGA80X220-22-FS2-P	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.5
ZGA80X250-22-CL2	-75	400		208	Round Ø 12	No	No	Non-return valve	1.6
ZGA80X250-22-CL2-N	-75	400		208	Round Ø 12	Yes	Yes	Non-return valve	1.6
ZGA80X250-22-CL2-P	-75	400		208	Round Ø 12	Yes	Yes	Non-return valve	1.6
ZGA80X250-22-FL2	-75	400		208	Round Ø 12	No	No	Flow resistance	1.6
ZGA80X250-22-FL2-N	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.6
ZGA80X250-22-FL2-P	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.6
ZGA80X250-22-FS2	-75	400		208	Round Ø 12	No	No	Flow resistance	1.6
ZGA80X250-22-FS2-N	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.6
ZGA80X250-22-FS2-P	-75	400		208	Round Ø 12	Yes	Yes	Flow resistance	1.6
ZGA80X300-32-CL2	-75	724		208	Round Ø 12	No	No	Non-return valve	1.8
ZGA80X300-32-CL2-N	-75	724		208	Round Ø 12	Yes	Yes	Non-return valve	1.8
ZGA80X300-32-CL2-P	-75	724		208	Round Ø 12	Yes	Yes	Non-return valve	1.8
ZGA80X300-32-FL2	-75	724		208	Round Ø 12	No	No	Flow resistance	1.8
ZGA80X300-32-FL2-N	-75	724		208	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA80X300-32-FL2-P	-75	724		208	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA80X300-32-FS2	-75	724		208	Round Ø 12	No	No	Flow resistance	1.8
ZGA80X300-32-FS2-N	-75	724		208	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA80X300-32-FS2-P	-75	724		208	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA130X220-24-CL2	-75	800		416	Round Ø 12	No	No	Non-return valve	1.8
ZGA130X220-24-CL2-N	-75	800		416	Round Ø 12	Yes	Yes	Non-return valve	1.8
ZGA130X220-24-CL2-P	-75	800		416	Round Ø 12	Yes	Yes	Non-return valve	1.8
ZGA130X220-24-FL2	-75	800		416	Round Ø 12	No	No	Flow resistance	1.8
ZGA130X220-24-FL2-N	-75	800		416	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA130X220-24-FL2-P	-75	800		416	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA130X220-24-FS2	-75	800		416	Round Ø 12	No	No	Flow resistance	1.8
ZGA130X220-24-FS2-N	-75	800		416	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA130X220-24-FS2-P	-75	800		416	Round Ø 12	Yes	Yes	Flow resistance	1.8
ZGA130X300-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	2.6
ZGA130X300-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	2.6

# VACUUM GRIPPING SYSTEM

## SERIES ZGA

Order no.	► Technical data								
	Max. vacuum level [kPa]	Volume flow [l/min]	Air consumption at 4 bar [l/min]	Air consumption at 6 bar [l/min]	Hole pattern of the sealing foam mat	Air control valve	Blow-off control valve	Valve type of the area gripper	Weight [kg]
ZGA130X300-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	2.6
ZGA130X300-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	2.6
ZGA130X300-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	2.6
ZGA130X300-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	2.6
ZGA130X300-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	2.6
ZGA130X300-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	2.6
ZGA130X300-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	2.6
ZGA130X400-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	3.2
ZGA130X400-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.2
ZGA130X400-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.2
ZGA130X400-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.2
ZGA130X400-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.2
ZGA130X400-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.2
ZGA130X400-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.2
ZGA130X400-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.2
ZGA130X400-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.2
ZGA130X600-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	5.2
ZGA130X600-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	5.2
ZGA130X600-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	5.2
ZGA130X600-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	5.2
ZGA130X600-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	5.2
ZGA130X600-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	5.2
ZGA130X600-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	5.2
ZGA130X600-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	5.2
ZGA130X600-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	5.2
ZGA130X800-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	6.6
ZGA130X800-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	6.6
ZGA130X800-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	6.6
ZGA130X800-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	6.6
ZGA130X800-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	6.6
ZGA130X800-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	6.6
ZGA130X800-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	6.6
ZGA130X800-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	6.6
ZGA130X800-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	6.6
ZGA130X1000-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	8.1
ZGA130X1000-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	8.1
ZGA130X1000-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	8.1
ZGA130X1000-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	8.1
ZGA130X1000-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.1
ZGA130X1000-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.1
ZGA130X1000-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	8.1
ZGA130X1000-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.1
ZGA130X1000-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.1
ZGA130X1200-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	46
ZGA130X1200-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	9.4
ZGA130X1200-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	9.4
ZGA130X1200-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	9.4
ZGA130X1200-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.4
ZGA130X1200-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.4
ZGA130X1200-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	9.4
ZGA130X1200-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.4
ZGA130X1200-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.4
ZGA200X300-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	3.5
ZGA200X300-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.5
ZGA200X300-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.5
ZGA200X300-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.5
ZGA200X300-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.5
ZGA200X300-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.5
ZGA200X300-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.5

Order no.	► Technical data								
	Max. vacuum level [kPa]	Volume flow [l/min]	Air consumption at 4 bar [l/min]	Air consumption at 6 bar [l/min]	Hole pattern of the sealing foam mat	Air control valve	Blow-off control valve	Valve type of the area gripper	Weight [kg]
ZGA200X300-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.5
ZGA200X300-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.5
ZGA200X400-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	4.4
ZGA200X400-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	4.4
ZGA200X400-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	4.4
ZGA200X400-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	4.4
ZGA200X400-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	4.4
ZGA200X400-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	4.6
ZGA200X400-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	4.4
ZGA200X400-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	4.4
ZGA200X400-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	4.4
ZGA200X600-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	7.1
ZGA200X600-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	7.1
ZGA200X600-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	7.1
ZGA200X600-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	7.1
ZGA200X600-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	7.1
ZGA200X600-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	7.1
ZGA200X600-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	7.1
ZGA200X600-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	7.1
ZGA200X600-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	7.1
ZGA200X800-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	8.6
ZGA200X800-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	8.6
ZGA200X800-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	8.6
ZGA200X800-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	8.6
ZGA200X800-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.6
ZGA200X800-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.6
ZGA200X800-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	8.6
ZGA200X800-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.6
ZGA200X800-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	8.6
ZGA200X1000-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	10
ZGA200X1000-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	10
ZGA200X1000-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	10
ZGA200X1000-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	10
ZGA200X1000-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	10
ZGA200X1000-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	10
ZGA200X1000-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	10
ZGA200X1000-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	10
ZGA200X1000-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	10
ZGA200X1200-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	13
ZGA200X1200-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	13
ZGA200X1200-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	13
ZGA200X1200-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	13
ZGA200X1200-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	13
ZGA200X1200-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	13
ZGA200X1200-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	13
ZGA200X1200-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	13
ZGA200X1200-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	13
ZGA300X300-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	3.8
ZGA300X300-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.8
ZGA300X300-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	3.8
ZGA300X300-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.8
ZGA300X300-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.8
ZGA300X300-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.8
ZGA300X300-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	3.8
ZGA300X300-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.8
ZGA300X300-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	3.8
ZGA300X400-34-CL2	-75	1448		416	Round Ø 12	No	No	Non-return valve	6.1
ZGA300X400-34-CL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	6.1
ZGA300X400-34-CL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Non-return valve	6.1

# VACUUM GRIPPING SYSTEM

## SERIES ZGA

Order no.	► Technical data								
	Max. vacuum level [kPa]	Volume flow [l/min]	Air consumption at 4 bar [l/min]	Air consumption at 6 bar [l/min]	Hole pattern of the sealing foam mat	Air control valve	Blow-off control valve	Valve type of the area gripper	Weight [kg]
ZGA300X400-34-FL2	-75	1448		416	Round Ø 12	No	No	Flow resistance	6.1
ZGA300X400-34-FL2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	6.1
ZGA300X400-34-FL2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	6.1
ZGA300X400-34-FS2	-75	1448		416	Round Ø 12	No	No	Flow resistance	6.1
ZGA300X400-34-FS2-N	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	6.1
ZGA300X400-34-FS2-P	-75	1448		416	Round Ø 12	Yes	Yes	Flow resistance	6.1
ZGA300X600-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	9.6
ZGA300X600-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	9.6
ZGA300X600-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	9.6
ZGA300X600-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	9.6
ZGA300X600-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.6
ZGA300X600-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.6
ZGA300X600-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	9.6
ZGA300X600-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.6
ZGA300X600-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	9.6
ZGA300X800-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	12
ZGA300X800-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	12
ZGA300X800-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	12
ZGA300X800-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	12
ZGA300X800-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	12
ZGA300X800-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	12
ZGA300X800-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	12
ZGA300X800-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	12
ZGA300X800-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	12
ZGA300X1000-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	15
ZGA300X1000-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	15
ZGA300X1000-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	15
ZGA300X1000-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	15
ZGA300X1000-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	15
ZGA300X1000-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	15
ZGA300X1000-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	15
ZGA300X1000-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	15
ZGA300X1000-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	15
ZGA300X1200-38-CL2	-75	2896		832	Round Ø 12	No	No	Non-return valve	18
ZGA300X1200-38-CL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	18
ZGA300X1200-38-CL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Non-return valve	18
ZGA300X1200-38-FL2	-75	2896		832	Round Ø 12	No	No	Flow resistance	18
ZGA300X1200-38-FL2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	18
ZGA300X1200-38-FL2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	18
ZGA300X1200-38-FS2	-75	2896		832	Round Ø 12	No	No	Flow resistance	18
ZGA300X1200-38-FS2-N	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	18
ZGA300X1200-38-FS2-P	-75	2896		832	Round Ø 12	Yes	Yes	Flow resistance	18