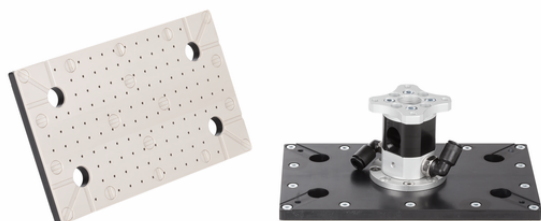


Art.-Nr.: 10.01.30.00473



Technical data

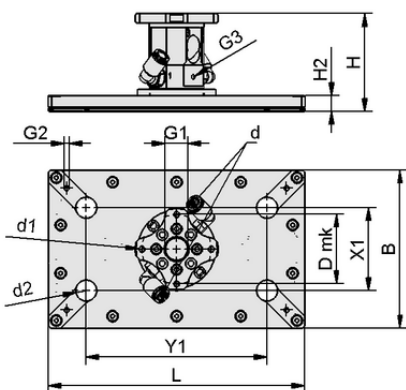
Attribute	Value
Material	Polyetheretherketon
Performance class	E100
Length L	170.00 mm
Width B	105.00 mm
Height H	65.00 mm
Shape compact ejectors	Blow-off function
Shape	Lateral exhaust air
Number of ejectors	1

STGG S 170x105 1xE100 A PEEK

Thin glass gripper STGG is delivered assembled.

Gripper available in various dimensions with integrated vacuum generation (1xE100 or QCMV) or with connection for external vacuum generation (QCM)

Available accessories: exhaust air set, holder system, suction / damping module, floating suction cup module, flange plate



Design data

Attribute	Value
Length L	170.00 mm
Width B	105.00 mm
Height H2	10.50 mm
Height H	65.00 mm
Internal diameter d1	4.0 mm
d2	14.0 mm
Internal diameter d	6.00 mm
Thread G1	G3/8"-F
Thread G2	M4-F
Dmk	46.0 mm

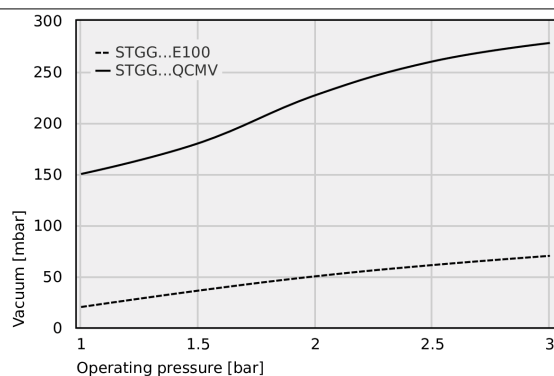
Design data STGG S 170x105 1xE100 A PEEK



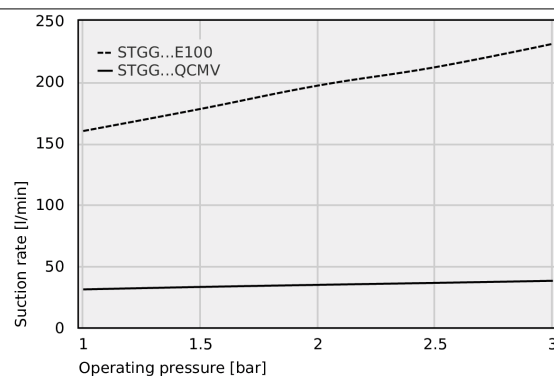
Art.-Nr.: 10.01.30.00473

**Technical data**

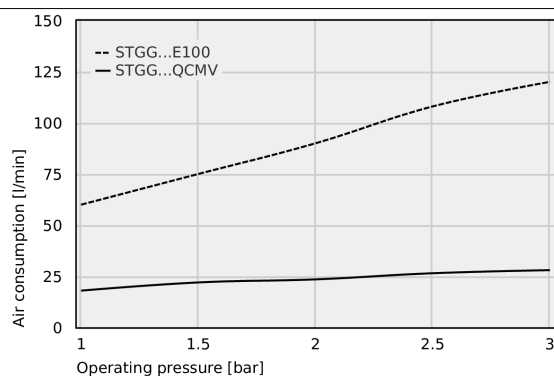
Attribute	Value
Weight	360.0 g
Pressure range (operating pressure) [bar]	1.0 ... 3.0 bar
Operating temperature	5 ... 60 °C
Air consumption	60 ... 120 l/min
Suction rate	160 ... 235 l/min
Holding force	13 ... 45 N
Product family	STGG

**Performance data**

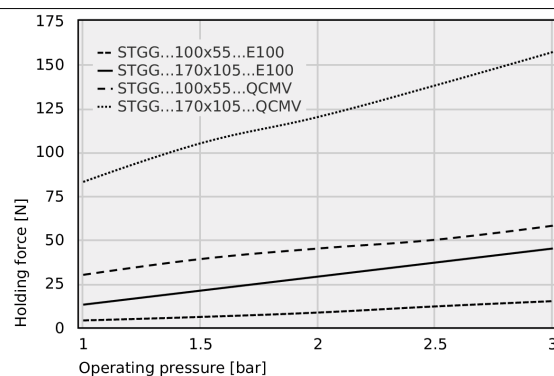
Achievable vacuum at various operating pressures



Suction rate at various degrees of evacuation



Air consumption



Holding force



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**Achievable vacuum at various operating pressures**

Typ	1	1.5	2	2.5	3
STGG...E100	20.00	36.00	50.00	61.00	70.00
STGG...QCMV	150.00	180	227	260	278

**Suction rate at various degrees of evacuation**

Typ	1	1.5	2	2.5	3
STGG...E100	160.00	178.00	197.00	212.00	231.00
STGG...QCMV	31	33	34.7	36.3	38

**Air consumption**

Typ	1	1.5	2	2.5	3
STGG...E100	60.00	75.00	90.00	108.00	120.00
STGG...QCMV	18	22	23.5	26.5	28

**Holding force**

Typ	1	1.5	2	2.5	3
STGG...100x55...E100	4.00	6.00	8.50	12.00	15.00
STGG...170x105...E100	13.00	21.00	29.00	37.00	45.00
STGG...100x55...QCMV	30	39	45	50	58
STGG...170x105...QCMV	83	105	120	138	157

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.30.00473

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**Ordering Data Accessories 10.01.30.00473**

Typ		Item number
Exhaust air set	ABL-SET 14 SWG/SCG	10.01.30.00059
Solenoid valve pressure	EMV 1.5 24V-DC 3/2 NC K-2P	10.05.01.00288
Solenoid valve pressure	EMV 2.5 24V-DC 3/2 NC K-2P	10.05.01.00289
Flange plate (round)	FLAN-PL 55x7.5-AB1	10.01.30.00015
Flange plate (round)	FLAN-PL 55x7.5-EL1	10.01.30.00208
Flange plate (round)	FLAN-PL 55x9.5-JP1	10.01.30.00194
Flange plate (round)	FLAN-PL 63x10.5-AD1	10.01.30.00016
Flange plate (round)	FLAN-PL 63x11.5-UNI	10.01.30.00017
Flange plate (round)	FLAN-PL 80x12-ST1	10.01.30.00167
Holder system	HTR M12x1-IG SWGm	10.01.30.00119
Holder system	HTR M8x1-IG SWGm	10.01.30.00118
Holder system	HTR-UNI SWGm	10.01.30.00117
Floating suction cup module	SB5m 14 90-3 4/2 0	10.01.01.12912
Suction-/ Absorption module	SD-MOD 4 32x15x35 FG 9 SWGm	10.01.30.00121

