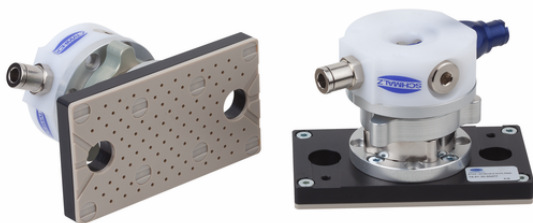


Art.-Nr.: 10.01.30.00517



Technical data

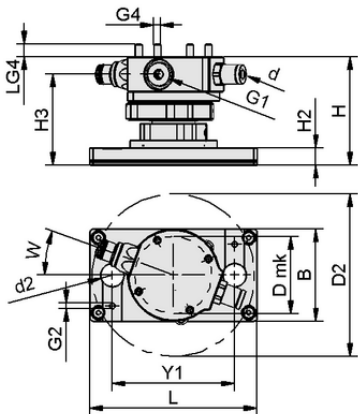
Attribute	Value
Material	Polyetheretherketon
Size	13.00
Number of stages	2
Length L	100.00 mm
Width B	55.00 mm
Height H	67.40 mm
Shape compact ejectors	High vacuum

STGG 100x55 QCMV HV 2 13 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	100.00 mm
Width B	55.00 mm
Height H2	10.50 mm
Height H	67.40 mm
Outside diameter D2	97.0 mm
d2	14.0 mm
Internal diameter d	6.00 mm
Thread G1	G1/8"-F
Thread G2	M4-F
Dmk	46.0 mm

Design data STGG 100x55 QCMV HV 2 13 PEEK



Art.-Nr.: 10.01.30.00517

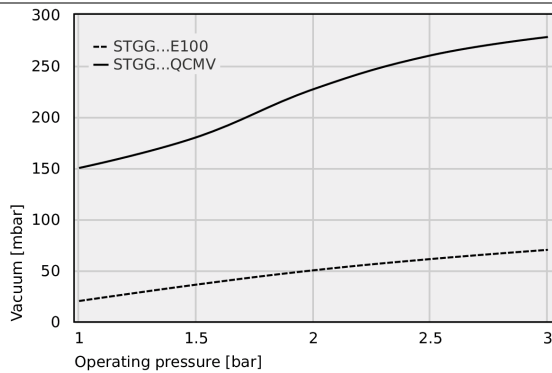


Technical data

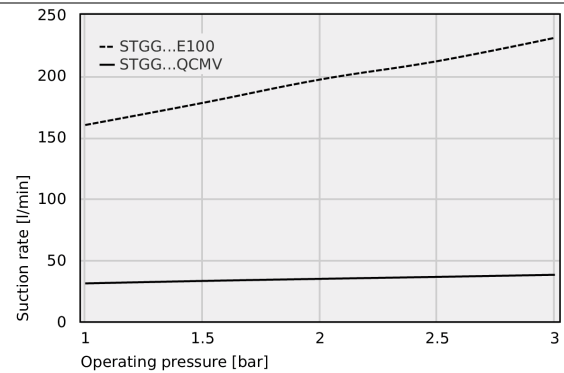
Attribute	Value
Weight	300.0 g
Pressure range (operating pressure) [bar]	3.0 ... 5.0 bar
Operating temperature	5 ... 60 °C
Air consumption	18 ... 28 l/min
Suction rate	31 ... 38 l/min
Holding force	30 ... 56 N
Product family	STGG



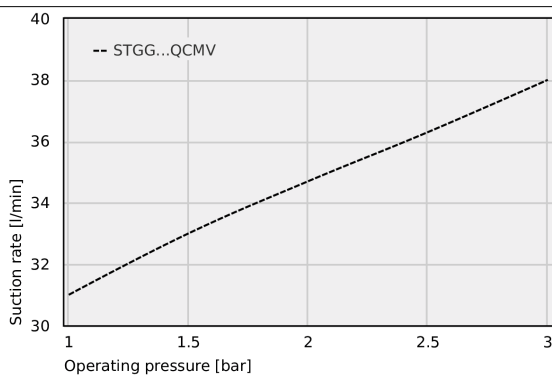
Art.-Nr.: 10.01.30.00517

**Performance data**

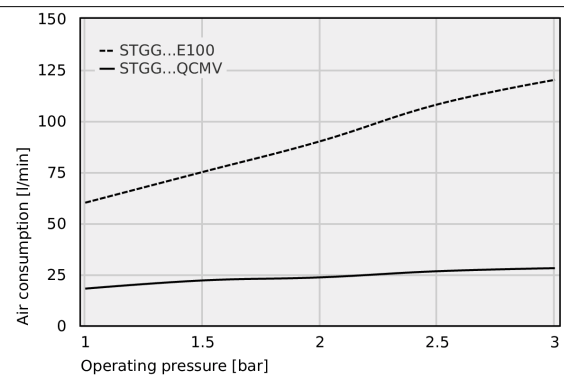
Achievable vacuum at various operating pressures



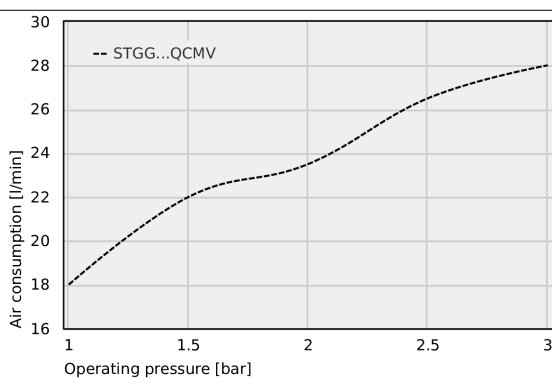
Suction rate at various degrees of evacuation



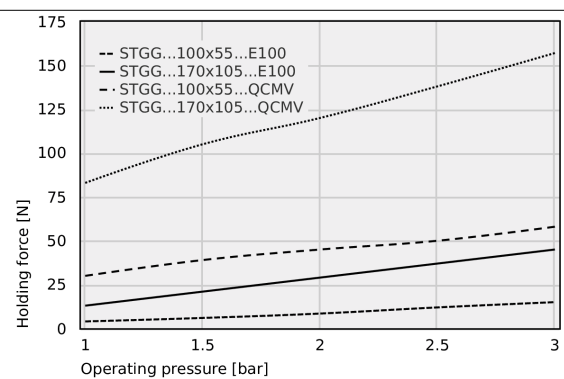
Suction rate at various degrees of evacuation



Air consumption



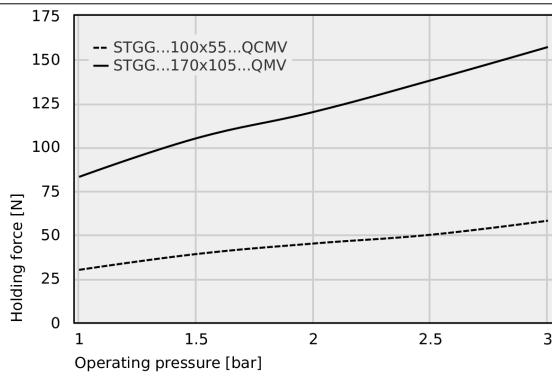
Air consumption



Holding force



Art.-Nr.: 10.01.30.00517



Holding force

**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

Typ	1	1.5	2	2.5	3
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

Typ	1	1.5	2	2.5	3
STGG...QCMV	18	22	23.5	26.5	28



Art.-Nr.: 10.01.30.00517

**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

Typ	1	1.5	2	2.5	3
STGG...100x55...QCMV	30	39	45	50	58
STGG...170x105...QMV	83	105	120	138	157

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.30.00517**Ordering Data Accessories 10.01.30.00517**

Typ		Item number
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 90	10.01.01.13171
Suction-/ Absorption module	SD-MOD 4 32x15x35 FG 9 SWGm	10.01.30.00121

**Ordering Data Spare Parts 10.01.30.00517**

Typ		Item number
Area Gripper	STGG 100x55x26.9 QCFA PEEK	10.01.30.00477

