

**2-jaw parallel self-centering pneumatic gripper (series MG)**

- Double acting.
- The rugged construction lends itself to heavy duty applications for a trouble free long life without maintenance.
- Wide choice of gripping force and stroke length options.
- The gripping force is constant on both directions along total stroke.
- Flat profile.
- Prepared for mounting inductive sensors.
- FDA-H1 food-grade grease.



MG-0100



MG-0101



MG-0102



MG-0103



MG-0075



MG-0076



MG-0077



MG-0050



MG-0051



MG-0052



MG-0025



MG-0026



MG-0027



MG-0010



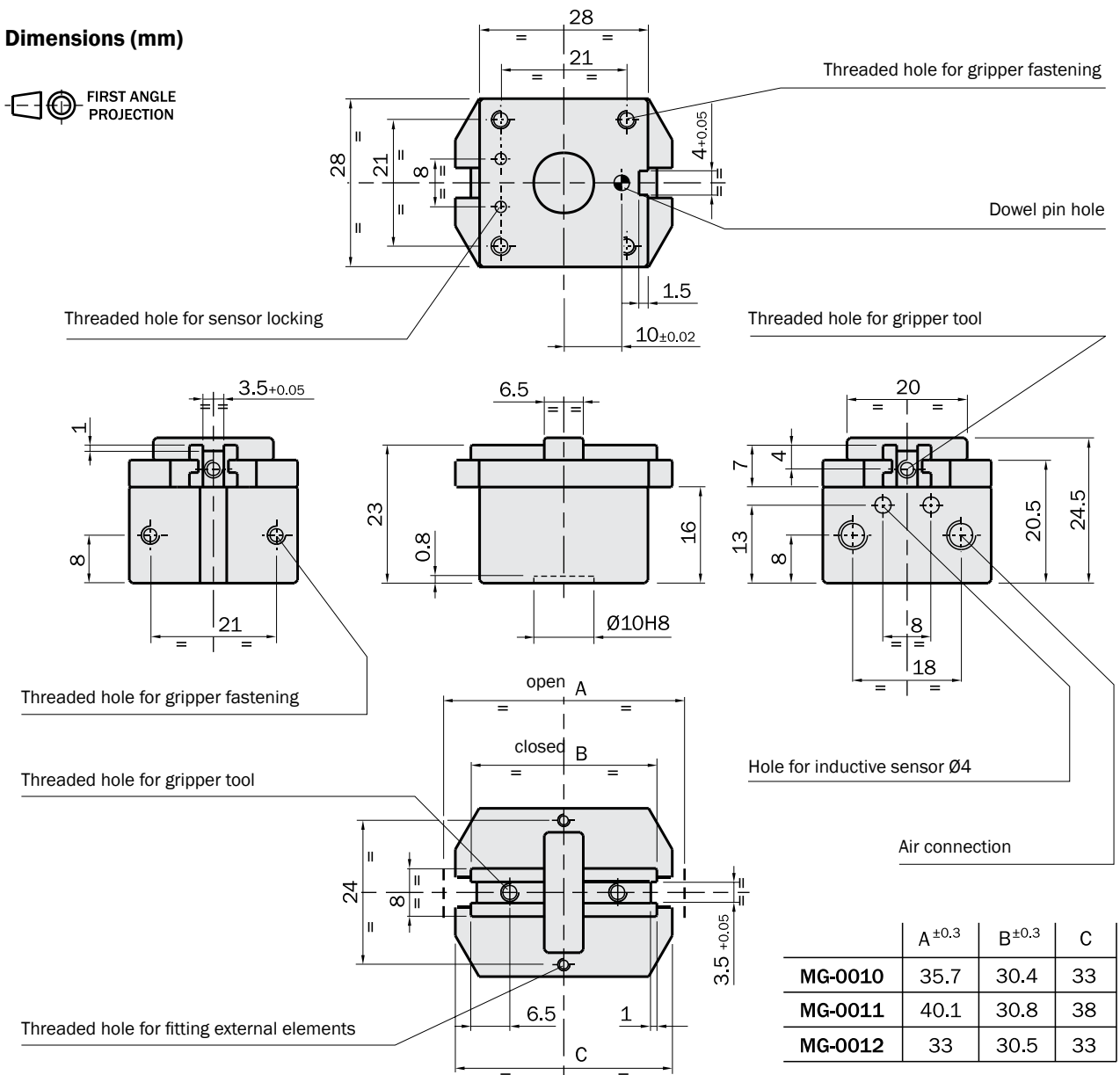
MG-0011



MG-0012

	MG-0010	MG-0011	MG-0012
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]		
Operating pressure range	2+8 bar		
Operating temperature range	5+60 °C.		
Gripping force at 6 bar on each jaw	35 N	18 N	70 N
Total gripping force at 6 bar	70 N	36 N	140 N
Total stroke	5.3 mm	9.3 mm	2.5 mm
Maximum working frequency	3 Hz		
Cycle air consumption	1.5 cm <sup>3</sup>		
Closing time without load	0.03 s		
Repetition accuracy	0.02 mm		
Weight	60 g	65 g	60 g

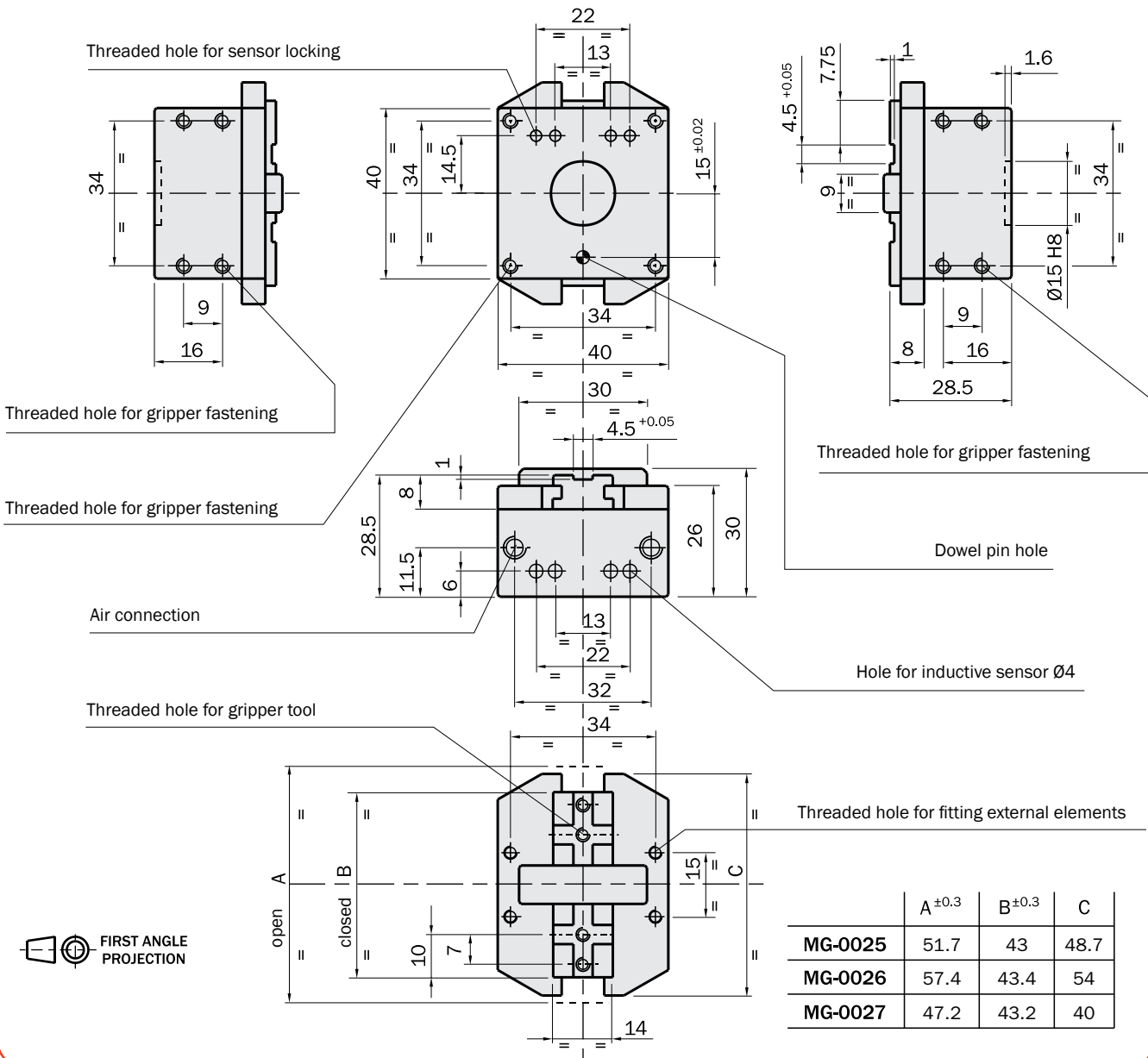
**Dimensions (mm)**



	A±0.3	B±0.3	C
MG-0010	35.7	30.4	33
MG-0011	40.1	30.8	38
MG-0012	33	30.5	33

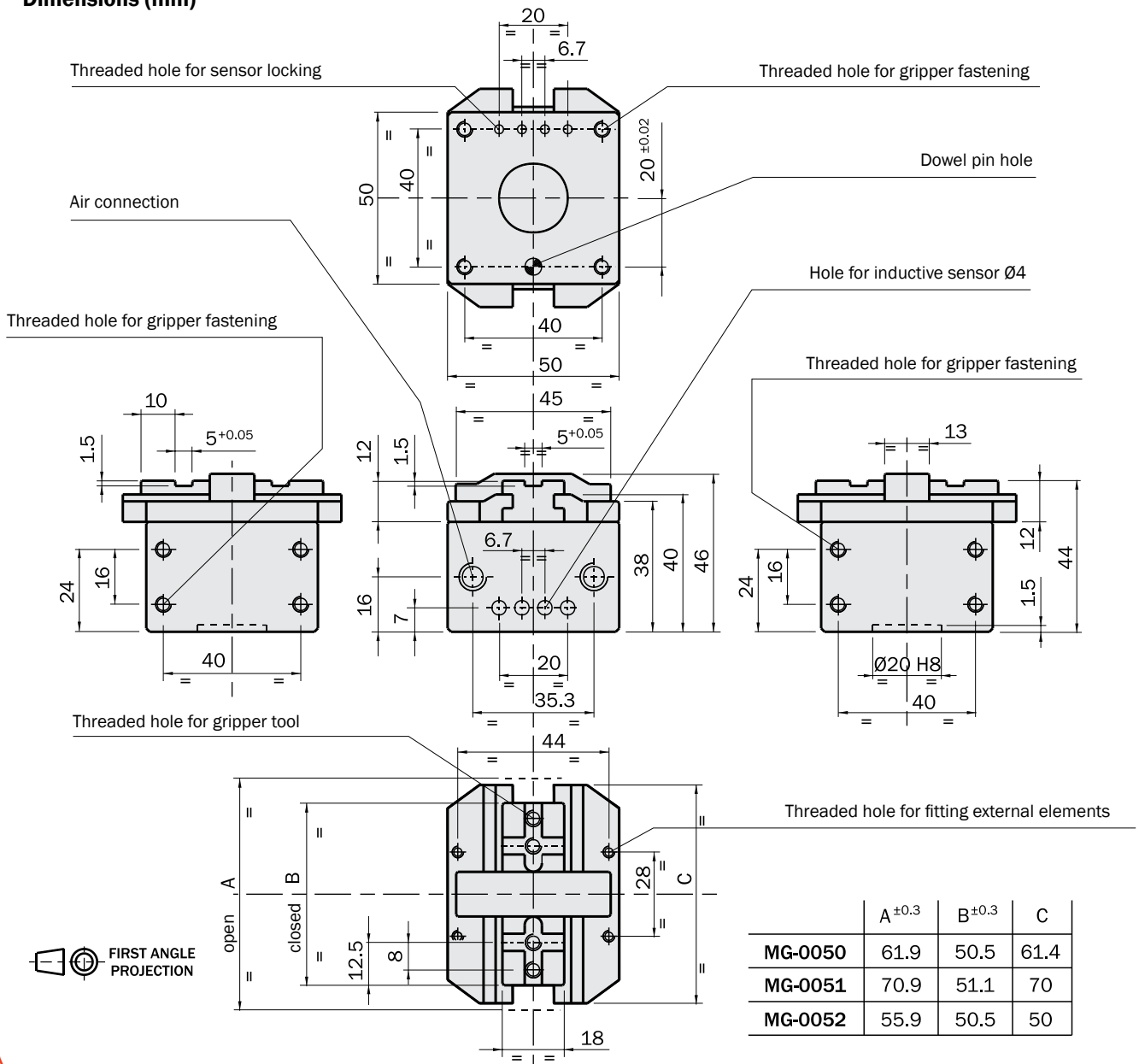
	MG-0025	MG-0026	MG-0027
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]		
Operating pressure range	2÷8 bar		
Operating temperature range	5÷60 °C.		
Gripping force at 6 bar on each jaw	70 N	40 N	130 N
Total gripping force at 6 bar	140 N	80 N	260 N
Total stroke	8.7 mm	14 mm	4 mm
Maximum working frequency	3 Hz		
Cycle air consumption	3.4 cm <sup>3</sup>		
Closing time without load	0.05 s		
Repetition accuracy	0.02 mm		
Weight	160 g	170 g	150 g

Dimensions (mm)



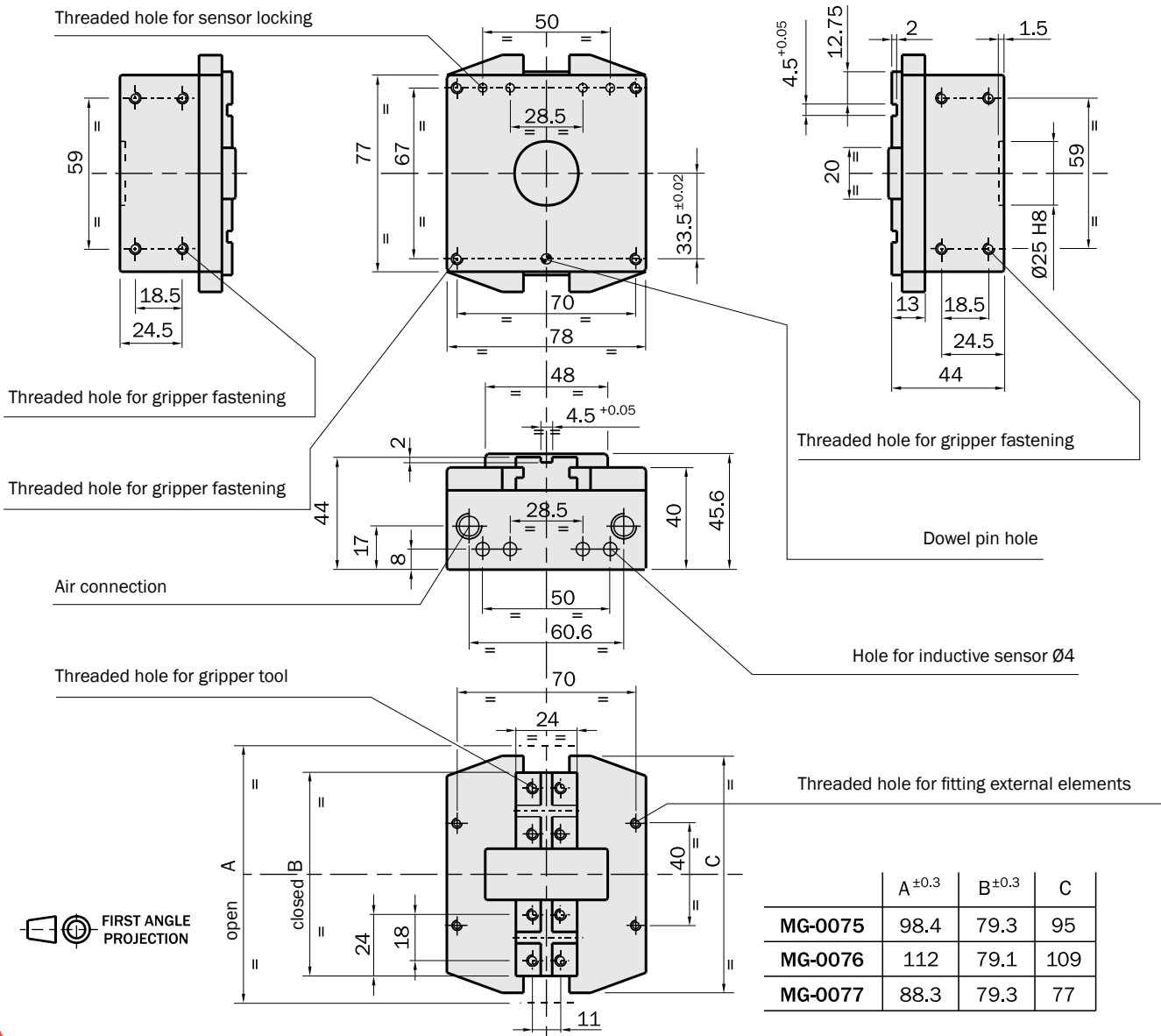
	MG-0050	MG-0051	MG-0052
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]		
Operating pressure range	2÷8 bar		
Operating temperature range	5÷60 °C.		
Gripping force at 6 bar on each jaw	160 N	90 N	300 N
Total gripping force at 6 bar	320 N	180 N	600 N
Total stroke	11.4 mm	19.8 mm	5.4 mm
Maximum working frequency	3 Hz		
Cycle air consumption	12 cm <sup>3</sup>		
Closing time without load	0.09 s		
Repetition accuracy	0.02 mm		
Weight	370 g	380 g	350 g

**Dimensions (mm)**



	MG-0075	MG-0076	MG-0077
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]		
Operating pressure range	2÷8 bar		
Operating temperature range	5÷60 °C.		
Gripping force at 6 bar on each jaw	250 N	160 N	540 N
Total gripping force at 6 bar	500 N	320 N	1080 N
Total stroke	19.1 mm	32.9 mm	9 mm
Maximum working frequency	2 Hz		
Cycle air consumption	34 cm <sup>3</sup>		
Closing time without load	0.14 s		
Repetition accuracy	0.02 mm		
Weight	940 g	980 g	900 g

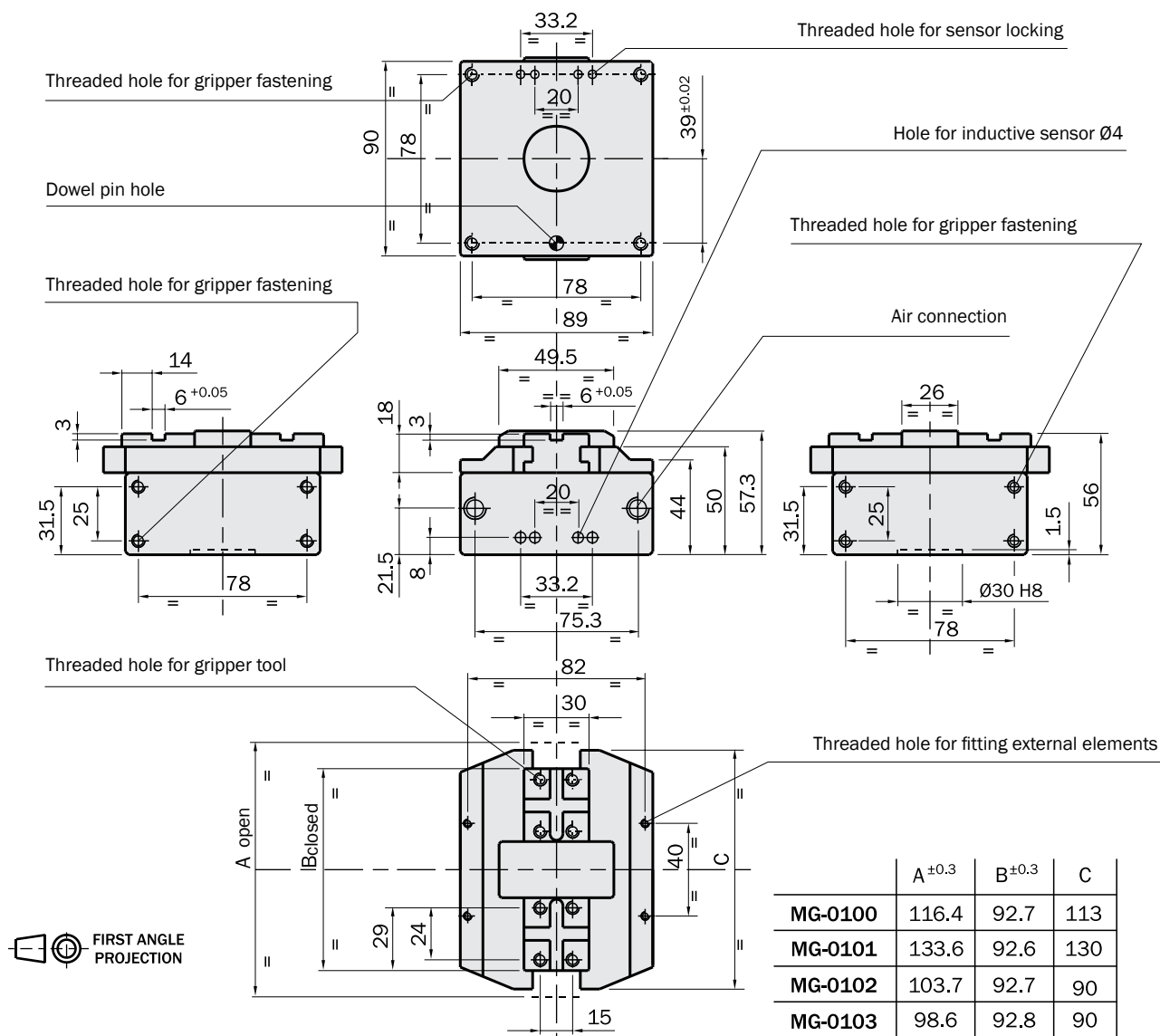
Dimensions (mm)



	A ±0.3	B ±0.3	C
MG-0075	98.4	79.3	95
MG-0076	112	79.1	109
MG-0077	88.3	79.3	77

	MG-0100	MG-0101	MG-0102	MG-0103
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]			
Operating pressure range	2÷8 bar			
Operating temperature range	5÷60 °C.			
Gripping force at 6 bar on each jaw	450 N	210 N	770 N	1200 N
Total gripping force at 6 bar	900 N	420 N	1540 N	2400 N
Total stroke	23.7 mm	41 mm	11 mm	5.8 mm
Maximum working frequency	2 Hz			
Cycle air consumption	61 cm <sup>3</sup>			
Closing time without load	0.14 s			
Repetition accuracy	0.02mm			
Weight	1500 g	1600 g	1400 g	1400 g

**Dimensions (mm)**



FIRST ANGLE PROJECTION