

Air nipper actuators series GN

- Five sizes available.
- Single-acting.
- Self-centering.
- Usable with several standard blades.
- Magnetic pistons for sensor detection (GN...S only).
- Optional magnetic sensors.



	GN-05 GN-05S	GN-10 GN-10S	GN-20 GN-20S	GN-30 GN-30S	GN-50 GN-50S	
Medium	Filtered, lubricated / non lubricated compressed air					
Pressure range	2 ÷ 8 bar					
Temperature range	5° ÷ 60 °C					
Cutting capacity	Ø2 mm	Ø4 mm	Ø7 mm	Ø10 mm	Ø12 mm	
Stroke	2x7°	2x5°	2x7°	2x7.5°	2x12°	
Piston bore	Ø25 mm	Ø30 mm	Ø40 mm	Ø50 mm	Ø63 mm	
Closing torque at 6 bar each blade	11 Nm	38 Nm	67 Nm	150 Nm	116 Nm	
Total closing torque at 6 bar	22 Nm	76 Nm	134 Nm	300 Nm	232 Nm	
Cycle air consumption	14 cm ³	25 cm ³	78 cm ³	170 cm ³	269 cm ³	
Weight without blade	GN-...	102 g	157 g	263 g	480 g	1100 g
	GN-...S	125 g	208 g	370 g	715 g	1440 g

Dimensions (mm)

	A	B	C	D	E	F	G	H	M	R
GN-05	94	87	10.5	Ø30	7	15	24	Ø4	M4x6.5	R 10
GN-05S	118	111	34.5	Ø30	7	40	24	Ø4	M4x6.5	R 10
GN-10	113	106.3	10.5	Ø36	12	15	30	Ø4	M4x7	R 12
GN-10S	144	137.3	41.5	Ø36	12	46	30	Ø4	M4x7	R 12
GN-20	129	119.8	10.5	Ø45	12	15	36	Ø4	M5x8	R 15
GN-20S	177	167.8	58.5	Ø45	12	63	36	Ø4	M5x8	R 15
GN-30	165	155	10.5	Ø56	17	15	46	Ø5	M6x12	R 20
GN-30S	230	220	75	Ø56	17	80	46	Ø5	M6x12	R 20
GN-50	178	169	10.5	Ø75	17	15	70	Ø5	M6x12	R 25
GN-50S	238	229	70	Ø75	17	75	70	Ø5	M6x12	R 25

