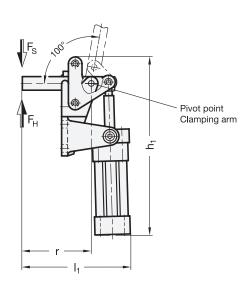
Steel, Pneumatic, Heavy Duty Type









EPV Solid clamping arm

Coding

Magnetic piston

Size	F _H in N Holding capacity	F _S in N Clamping force at 6 bar ≈	b ₁ ≈	b ₂	b ₃	b ₄	d ₁	d ₂ Compressed air connections	Inside Ø Connection tube	h ₁ ≈
1000	10000	3250	102	90	80	20	10,5	G1/4	8	355
2000	20000	5600	112	100	90	20	12,5	G3/8	10	425

Size	h ₂	h ₃	I₁ ≈	l₂ ≈	m ₁	m ₂	m ₃	m ₄	r	s
1000	132,5	25	217,5	80	50	12,5	50	-	144	13
2000	161	35	246.5	100	54	12.5	58	45	168.5	14

Specification

- Body Cast steel Black lacquered
- · Other parts Steel St 60 Zinc plated, blue passivated
- · Bearing pins Case-hardened
- · Double-action air cylinder with adjustable cushioning Max. pressure 6 bar
- All moving parts Lubricated with special grease
- RoHS

Accessory

Sensor GN 3380 → Page QVX

Information

Toggle clamps GN 863 have been constructed in such a way as to make them easy to unmount: The bearing pins are axially fixed with circlips. This allows the clamping arm to be modified once it is dismantled, to suit any particular application.

To ensure an extended life of the mechanical parts as well as the air cylinders, the operating pressure should not exceed 6 bar and a compressed air maintenance unit should be installed upstream.

Toggle clamps GN 863 have a permanent magnet integrated into the piston. In conjunction with sensors GN 3380, it is possible to detect the end position, such as for implementing machine controls.

see also...

• More Information to Toggle Clamps (Pneumatic) → Page 790

How to order		Size
		Туре
		Coding



