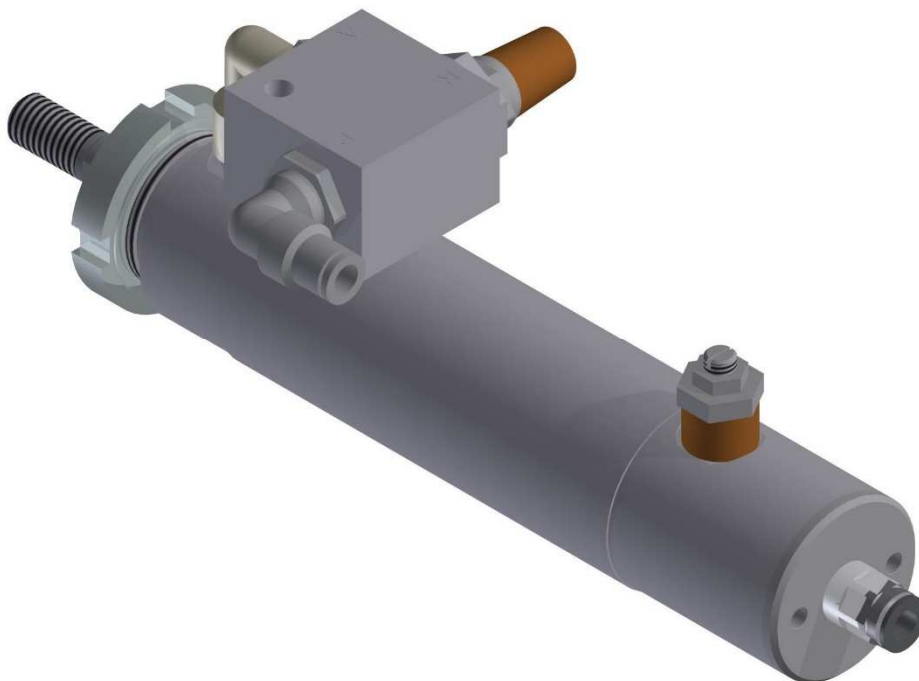
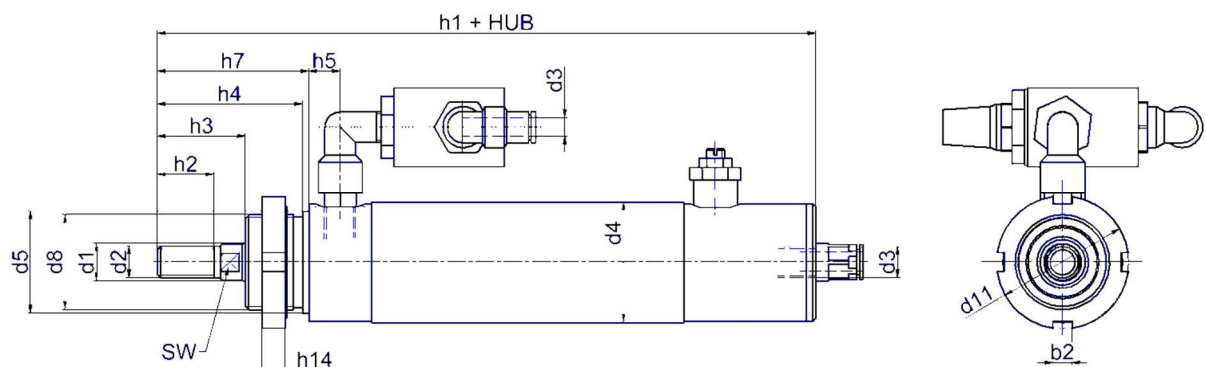
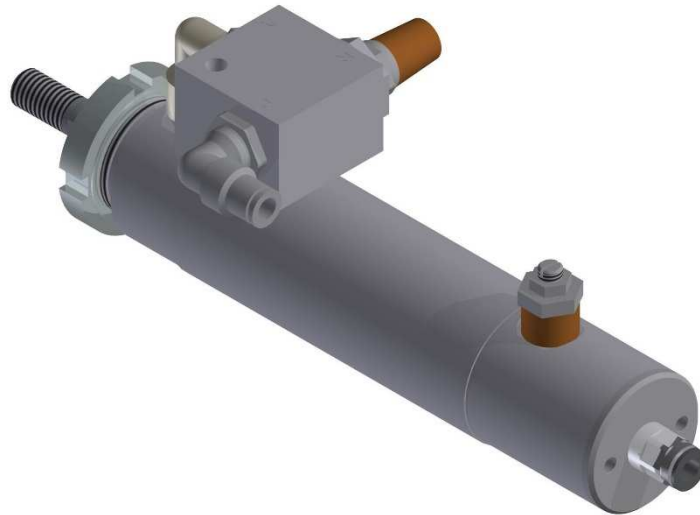


PNEUMATIC IMPACT CYLINDER double effect



Technical characteristics	
Design type	Pneumatic impact cylinder
Function	- Double effect - The piston rod accelerates due to the explosion-like spreading of compressed air in the air cell
Application	Marking, stamping, cutting, shearing
Piston diameter in mm	32, 50
Stroke length in mm	30, 50, 60, 80
Pneumatic plug connection	G1/8-6, G1/4-8
Installation position	Any
Temperature range	-20°C to +80°C
Materials Aluminium design	- Cylinder pipe from aluminium, hard-anodised - Front and end pieces from aluminium, anodised - Quick-ventilation valve from aluminium, anodised
Materials Stainless-steel design	- Cylinder pipe from stainless steel, 1.4301 - Front and end pieces from stainless steel, 1.4301 - Quick-ventilation valve from stainless steel, 1.4301
Seals	- Perbunan
Damping	End position damping by Vulkollan rings
Other	- Customer-specific solutions upon request - Seal kits upon request
Pneumatic parameters	
Medium	Compressed air quality: 2.2.1 compliant with ISO 8573-1 (2=particle / 2=dew point / 1=oil concentration)
Operating pressure in bar	5 to 8
Stroke frequency	Max. 20 strokes / min.



Design	Part no.	Piston Ø	Stroke	d1 Ø	d2	d3	d4 Ø	d5 Ø h9	d8	d11 Ø	h1	h2	h3	h4	h5	h7	h14	b2	sw
Aluminium Stainless steel	00041- 48 00093-	32	30	12	M10	G1/8- 6	38	32	M30x1.5	42	149	18	28	46	10	48	8	6	10
Aluminium Stainless steel	00072- 17 00093-	32	60	12	M10	G1/8- 6	38	32	M30x1.5	42	149	18	28	46	10	48	8	6	10
Aluminium Stainless steel	00070- 30 00093-	50	50	20	M16x1.5	G1/4- 8	55	45	M42x1.5	60	190	29	42	70	11	73	12	8	17
Aluminium Stainless steel	00071- 41 00093-	50	80	20	M16x1.5	G1/4- 8	55	45	M42x1.5	60	190	29	42	70	11	73	12	8	17

In the stainless steel design, the discharge air "R" from the quick-ventilation valve is to be diverted into a secure area.