

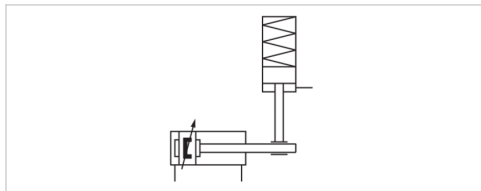
Locking unit, Series LU6

- Ø 1.26-4.92 inch

- Holding and braking: non-adjustable spring, Release: compressed air



Type	Clamping jaw lock
Function	Static holding Dynamic braking
Release pressure	58 ... 145 psi
Ambient temperature min./max.	-13 ... 176 °F
Medium temperature min./max.	-13 ... 176 °F
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³
Weight	See table below



Technical data

Part No.	Piston Ø	suitable piston rod Ø	Piston rod extension	Compressed air connection	Required flow rate
					Qn
5230996402	1.26 inch	0.47 inch	4.92 inch	G 1/8	0.051 Cv
5231996402	1.57 inch	0.63 inch	4.92 inch	G 1/8	0.071 Cv
5232996402	1.97 inch	0.79 inch	5.71 inch	G 1/8	0.142 Cv
5233996402	2.48 inch	0.79 inch	6.5 inch	G 1/8	0.244 Cv
5234996402	3.15 inch	0.98 inch	7.28 inch	G 1/8	0.457 Cv
5235996402	3.94 inch	0.98 inch	8.66 inch	G 1/8	0.711 Cv
5236996402	4.92 inch	1.26 inch	8.66 inch	G 1/4	1.22 Cv

Part No.	Max. torsional moment of piston rod	B10d value static	B10d value dynamic
5230996402	0.5 Nm	5.000.000	2.000.000
5231996402	1 Nm	5.000.000	2.000.000
5232996402	2 Nm	5.000.000	2.000.000
5233996402	2.5 Nm	5.000.000	2.000.000
5234996402	5 Nm	5.000.000	2.000.000
5235996402	9 Nm	5.000.000	2.000.000
5236996402	15 Nm	5.000.000	2.000.000

Part No.	Buckling protection of the piston rod 1)		Weight	
	Max. cylinder stroke for Euler case 1	Max. cylinder stroke for Euler case 2		
5230996402	29.53 inch	15.75 inch	1.76 lbs	1)
5231996402	43.31 inch	21.65 inch	2.2 lbs	1)
5232996402	53.15 inch	27.56 inch	3.97 lbs	1)