Series 1200 - Special performance microbore cylinders

These microbore cylinders are not subject to a standard; they are single acting with a front spring, can be either hexagonal or round bodied and either completely threaded or threaded with a plain rod ending.
They are available with M5 connections or with incorporated quick fittings.

Construction characteristics

Body	brass
Rod bushing	brass
Seals	NBR
Springs	stainless steel
Rod / piston	stainless steel (AISI 303)

Operational characteristics

Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Pressure	3 ... 7 bar
Working temperature	-5 °C ... +70 °C

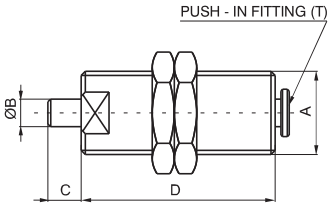
Attention: air must be dried for applications with lower temperature.

Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice

Threaded body, round execution

Coding: 1213.Ø.Ⓒ

Ø	BORE
	6 = Ø6
	8 = Ø8
	10 = Ø10
Ⓒ	STROKE
	3 = 3 mm stroke (Ø10 only)
	5 = 5 mm stroke (for all diameters)
	10 = 10 mm stroke (Ø6 and Ø10 only)
	20 = 20 mm stroke (Ø6 only)

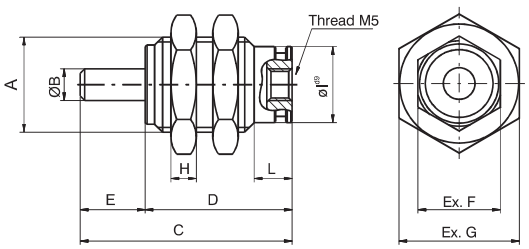


A	ØB	C	D	T
M10x1	Ø3	5	30,5	4/2
			35,5	
			49,5	
M12x1		6	28	
M15x1,5	Ø5	1	44	
		5	40	
		12	44	

Threaded body, hexagonal execution

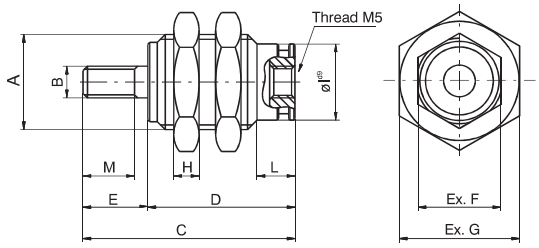
Coding: 1213.Ø.stroke.Ⓜ

Ø	BORE
	6 = Ø6
	10 = Ø10
	16 = Ø16
Ⓒ	STROKE
	5 = 5 mm stroke
	10 = 10 mm stroke
	15 = 15 mm stroke
Ⓜ	SPRING
	C = Single acting front spring
	CF = Single acting front spring threaded body



Single acting front spring

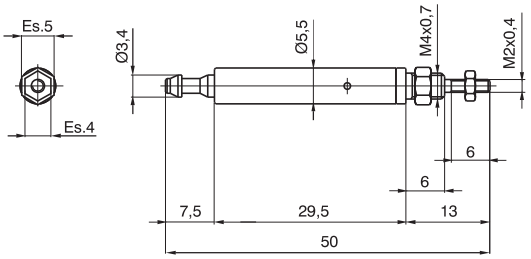
Single acting front spring threaded rod



A	ØB	B	C	D	E	Hex. F	Hex. G	H	ØI	L	M
M10x1	Ø3	M3x0.5	27,5	18,5	9	9	12	3	Ø8,5	6	7
			34,5	25.7							
			41,5	32,5							
M15x1.5	Ø5	M4x0.7	32,5	21.5	12	13	19	4	Ø12		10
			39	28							
			46	34							
M22x1.5	Ø6	M5x0.8	37,5	24.5	14	20	27	5	Ø19	7	12
			43,5	30.5							
			50	37							

Front fixing microbore cylinders

Coding: 1273.4.10



Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice