Cartridge cylinders

DESCRIPTION

The single acting front spring cartridge micro-cylinders are available in three bores, each bore in three strokes and in two versions: threaded or non-threaded piston rod. They are used in applications where a must is to have extremely small actuators. The thread on cylinders barrel helps the assembling directly on the industrial machines.

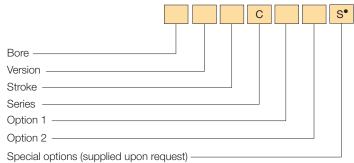
They can comply with ATEX directive, 2GD category, upon request.



TECHNICAL DATA								
Operating pressure	2 ÷ 6 bar							
Working temperature	Ø 6 = 0 ÷ +80 °C (with dry air -20 °C) Ø 10-16 = 0 ÷ +80 °C (with dry air -35 °C)							
Fluid	Compressed air, filtered, continuous lubricated, unlubricated or dry lubricated							
Versions	Single acting front spring							
Bore	Ø 6, 10, 16,							
Port size	\emptyset 6 ÷ 16 = M5							
Standard strokes (mm)	5, 10, 15							
Spring theorical tractive force	See technical data on page 0.13							

MATERIALS									
Body	Nichel-plated brass								
Piston rod	AISI 303 stainless steel								
Rod and end cap nuts	Galvanized steel								
Piston	Ø 6 - 10 = AISI 303 stainless steel Ø 16 = Brass								
Seals	Ø 6 = NBR Ø 10 - 16 = Polyurethane								
Spring	Springs steel								

ORDER KEY



• See chapter 1, page 1.1.

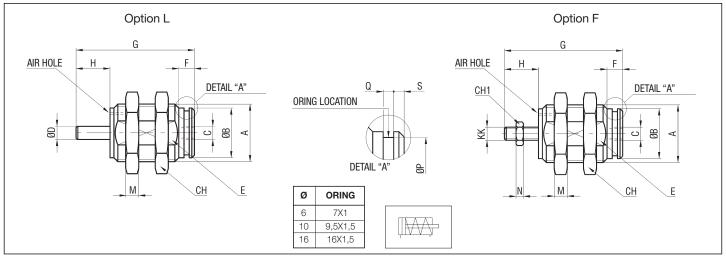
VERSION 1 Single acting front spring **OPTION 1** L Smooth piston rod F Threaded piston rod /EX Consistent with the ATEX directive (x) II 2GD c T5 T100°C - 10°C<Ta<80°C

ORDER EXAMPLES

Cylinder Ø 6, single acting front spring, 15 mm stroke, smooth piston rod: 6/15 CL

Cylinder Ø 16, single acting front spring, 10 mm stroke, threaded piston rod: 16/10 CF

C BASIC CYLINDER



P.S.: **ORING** no supplied as standard

DIMENSIONS AND WEIGHTS BASIC CYLINDER

Ø	Α	В	С	СН	CH1	D	E	F	G			G		G		G		G		G		Н	KK	М	N	Р	Q	S	W	/EIGHT (g)	
									5 mm	10 mm	15 mm								5 mm	10 mm	15 mm										
6	M10X1	8,5	M5	14	5,5	3	9	5	27,5	34,5	41,5	8	МЗ	3	2,4	7,2	1,2	1,5	13	16	19										
10	M15X1,5	12	M5	19	7	4	14	7	33,5	40	47	10,5	M4	4	3,2	9,8	2	1,5	30	34,5	41										
16	M22X1,5	19	M5	27	8	5	20	6	40	45	50	13	M5	5	4	16,8	2	2	77	84	91,5										