FMC Series - Single cylinder element

Compact and inexpensive locking element.
These characteristics are obtained using a single contact section.
The clamping action is allowed by the floating system of the body that ensures:

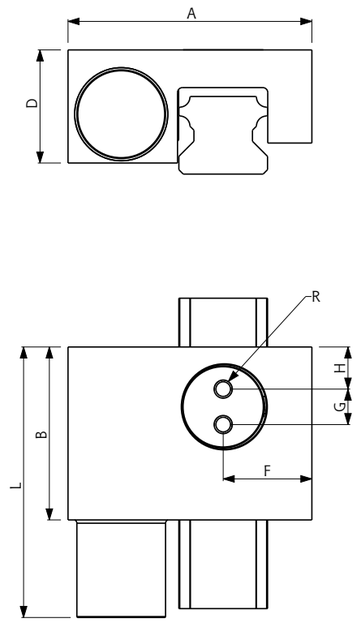
- the clamping of the rail on one side by the contact section and on the other by the body itself;
- a symmetrical distribution of clamping force on the linear guide;
- absolutely no friction between the linear guide with the body and with the contact section when the clamping is released.

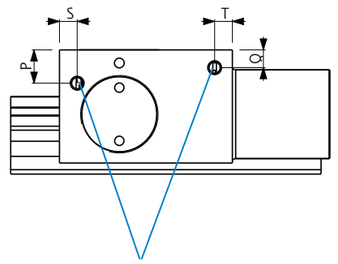
FRCMC##--- S
FRCMC##--- E



## Guide size	**15 ÷ 55 mm**
Working type	**Norm. Open**
Body	**Steel**
Operating Temperature	**-20°C ÷ 80°C**
Operating Pressure	**5,5 ÷ 8 bar**
Switching time	**40 ÷ 60 mSec**
Contact parts Hardness	**60 ÷ 62 HRC**

- **Can be supplied complete with proximity sensor.**





M3/M5
AIR CONNECTION
we recommend
the use of compressed
air hose ø 6x4

FRCMC##--- M
FRCMC##--- D



## Guide size	**15 ÷ 55 mm**
Working type	**Norm. Closed**
Body	**Steel**
Operating Temperature	**-20°C ÷ 80°C**
Operating Pressure	**5,5 ÷ 8 bar**
Switching time	**40 ÷ 60 mSec**
Contact parts Hardness	**60 ÷ 62 HRC**

- **Can be supplied complete with proximity sensor.**

Type	Size	Holding Force [N] M	S	E	D	A [mm]	B [mm]	D [mm]	F [mm]	G [mm]	H [mm]	L [mm]	P [mm]	Q [mm]	R	S [mm]	T [mm]
FMC	15 T0	200	320	320	520	41.5	36	18	14.25	7	8.9	55	4	4	M4x4.5	3	4.5
FMC	20 S0	300	500	500	800	55	39	27	21	8	9.5	61	5	4	M4x5.8	4	4
FMC	20 T0	300	500	500	800	55	39	25.5	21	8	9.5	61	5	4	M4x5.8	4	4
FMC	25 S0	375	600	600	975	60.5	39	30	22	14	12.5	63.5	5	7.5	M4x5.8	5	5
FMC	25 T0	375	600	600	975	60.5	39	30	22	14	12.5	63.5	5	7.5	M4x5.8	5	5
FMC	25 T5	300	500	500	800	58	35	28	23	12	11.5	57	6	5	M5x7	5	5