

1.

The codes for the product Series are:

FRC	FRCMAN-M LT
FRCDP	FRCC
FRCDPH	FRCCMAN LT
FRCDPM	FRCBS
FRCMC	FRCMV
FRCMAN LT	FRC_SP

2.

Nominal guide size indicates the size of the guide rail on which the element is mounted. It is also the size of the element.

3.

The Profile type parameter refers to the linear guide profile. It also represents the profile of the body of the element in the clamping area.

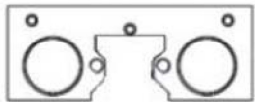
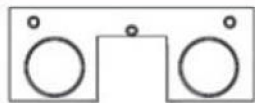
Type	Profile
S	
T	

Table A

4.

The codes for the parameter Guide constructor are:

01 THK	09 DRYLIN	17 STAF
02 HIWIN	10 ROLLON	18 SKF
03 INA	11 NB	19 NITEK
04 IKO	12 REXROTH-BOSCH	20 ROSA SISTEMI
05 NSK	13 SCHNEEBERGER	21 SNR
06 ABBA	14 CPC	22 ALULIN
07 PMI	15 TBI	23 THOMSON
08 SBC	16 CSK	24 MISUMI
		25 NORELEM

5.

The code for the pneumatic Working type parameter is composed as follows:

SE	Single action configuration "Normally Open" – Air to close
SEM	Single action configuration "Normally Closed" – Air to open
DE	Double action configuration "Normally Open" – Air to close and to open
DEM	Double action configuration "Normally Closed" – Air to open and to close

6.

Since every guide manufacturer supplies a wide range of guide models, the parameter "Guide-Block model" identifies in an univocal way the couple "guide model-block model".

7.

The final letter of the code identifies the element as "brake" or as "clamp".

B	Clamping element
F	Braking element

8.

For Special devices, built in order to meet customers' need, the code is followed by the letters "SP".

9.








The element can be integrated with a proximity sensor in order to check the opening status.
The sensor is a cylindrical inductive M8x1 type (PNP or NPN).
It is equipped with a connector and a cable.
Operating Temp: -25°C ÷ +75°C






SERIES

CHARACTERISTICS

ELEMENTS FOR LINEAR GUIDES

	FRC	Basic clamping element Excellent force/dimension ratio
	FRCDP	Dual piston system High clamping force Small dimensions
	FRCDPH	Powered dual piston system Extremely high clamping force Small dimensions
	FRCDPM	Clamping and braking element High clamping force Shaped profile
	FRCMC	Single piston element Compact and inexpensive Suitable for small spaces
	FRCMAN LT	Manual element Practical and reliable New ergonomic design
	FRCMAN-M LT	Manual element for miniature guides New ergonomic design

ELEMENTS FOR ROUND GUIDES AND RODS

	FRCC	The same high performance of FRC line for round guides
	FRCCMAN LT	Manual element for round guides Practical and reliable New ergonomic design
	FRCBS	Dual piston system High clamping force

SPECIAL ELEMENTS

	FRCMV	Clamping system with only one contact element Small dimensions Multiple ways to use
	FRC_SP	Easy to assemble thanks to the decomposable system Independent piston system Shaped profile

HOW IT WORKS	AVAILABLE ALSO NORMALLY CLOSED	AVAILABLE AS A BRAKE	AVAILABLE WITH SENSOR	PAG.
PNEUMATIC UNIT	YES	YES	YES	10
PNEUMATIC UNIT	YES	YES	YES	12
PNEUMATIC UNIT	YES	YES	YES	14
PNEUMATIC UNIT	YES	YES	YES	16
PNEUMATIC UNIT	YES	YES	YES	18
MANUAL UNIT	NO	NO	NO	20
MANUAL UNIT	NO	NO	NO	22
PNEUMATIC UNIT	YES	YES	YES	24
MANUAL UNIT	NO	NO	NO	26
PNEUMATIC UNIT	YES	YES	YES	28
PNEUMATIC UNIT	YES	NO	YES	30
PNEUMATIC UNIT	YES	YES	NO	32

FRCMAN LT Manual Clamping Element for Linear

Simple and reliable, this clamping element is manually controlled.

By acting on the adjustable locking lever, the contact profiles press with sync on the surfaces of the rail.

The floating profiles of contact ensure a symmetrical distribution of the force on the linear guide.

New ergonomic design.

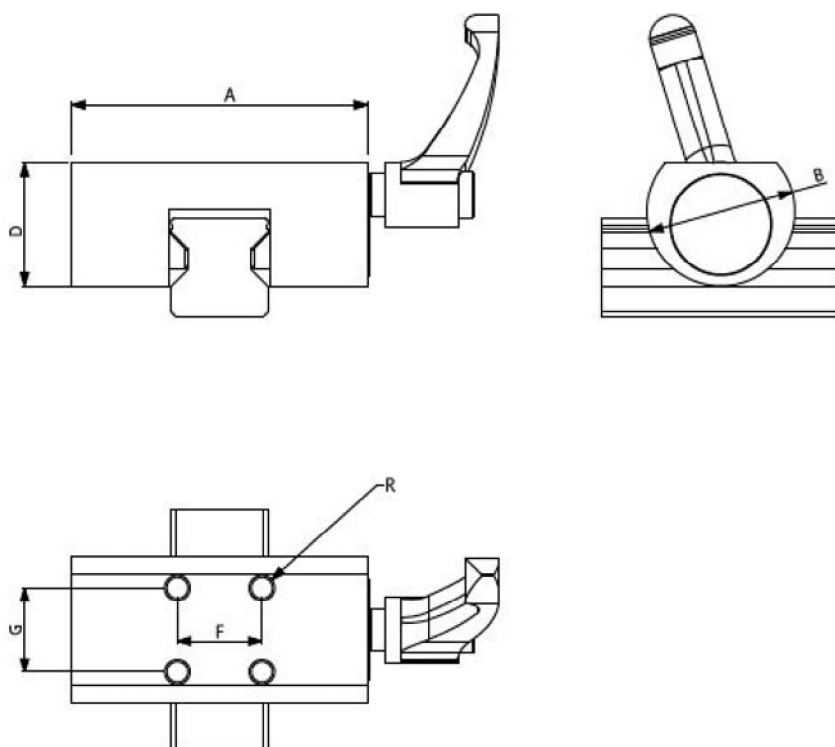
FRCMAN ##\$ LT



Guide size 15 ÷ 55
 \$ Guide type T/S (see table A)
 Working type Manual
 Body Steel

- ◆ Simple and inexpensive
- ◆ Floating locking contacts

Type	Guide	Clamping Force [N]	A [mm]
FRCMAN LT	S 15	1200	47
FRCMAN LT	T 15	1200	47
FRCMAN LT	S 20	1200	60
FRCMAN LT	T 20	1200	60
FRCMAN LT	S 25	1200	70
FRCMAN LT	T 25	1200	70
FRCMAN LT	S 30	2000	90
FRCMAN LT	T 30	2000	90
FRCMAN LT	S 35	2000	98
FRCMAN LT	T 35	2000	98
FRCMAN LT	S 45	2000	118
FRCMAN LT	T 45	2000	118
FRCMAN LT	T 55	2000	138



B [mm]	D [mm]	F [mm]	G [mm]	R
25	19	17	17	M4x5
25	17.5	17	17	M4x5
28	23	15	15	M5X6
26	20	15	15	M5X6
35	29	20	20	M6x7
32	24	20	20	M6x7
40	32	22	22	M6x8
38	29	22	22	M6x8
45	37	24	24	M8x10
42	32	24	24	M8x10
55	48	26	26	M10x14
50	42	26	26	M10x14
56	47	30	30	M14x16