Clamping Elements For Linear Guides and Shafting

THE DYNAMICS OF MOVEMENT

CLAMPING ELEMENTS FROM MATARA: Matara's range of linear motion clamping elements Walards Lange of United Thousand Carlos Suit Linear Rail and Shafting, With both Manual and and the stress to the Suil Lillean Rail and Sharing, which both inanial and sharing types available. The Shafting type suits Wileumann uppes available. The Sharing uppe suite diameters from as small as Ø12 all the way up to Ø60. Gurthermore, the Linear Rail type suits linear rail sizes from 9 all the way up to 65.

Clamping Elements Order Example

Code:	FRC	<u>15</u>	T	<u>SE</u>
Options:	1	2	3	4

	Options	Clamping Elements									
1	Series	FRC, FRCDP, FRCD	PH,FRCDPM, FRCMC, FRO	CC, FRCMAN-M LT, FRCCM	RCMAN-M LT, FRCCMAN LT, FRCMAN LT						
2	Guide/ Shaft Size	15-	~65	12~60							
3	Guide Type	Т Туре=		*Only for FRCDPM							
4	Clamp Type (Only for linear rail clamps)	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						

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Linear Rail

MSA

MSB

MSC

MSD

MSG

SME

SMR

MSR

Linear Rail Linear Rail Linear Rail

Linear Rail Options

Clamping Elements

Rolled

Power

Ballscrews Leadscrews

End Supports

Couplings Range

Linear Rait | Linear Rait | Linear Rait | Linear Rait | Linear Rait

FRCMC Powered Double Piston 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.









Model No.	Guide Type	Clamping Force (N)			A B	В	D	F	G	Н	L	Р	Q	D	S	Т	
	and Size	SEM	SE	DE	DEM	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	ĸ	[mm]	[mm]
FRCMC	T 15	200	320	320	520	41.5	36	18	14.25	7	8.9	55	4	4	M4x4.5	3	4.5
FRCMC	T 20	300	500	500	800	55	39	25.5	21	8	9.5	61	5	4	M4x5.8	4	4
FRCMC	T 25	375	600	600	975	60.5	39	30	22	8	9.5	63.5	5	7.5	M4x5.8	5	5

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