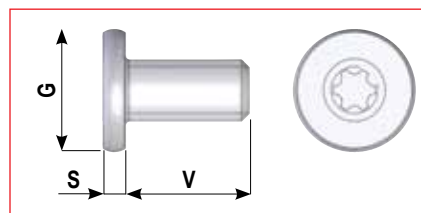


(Example of order code: MR28L - 640)

Code	A (mm)	B (mm)	C (mm)	S (mm)	D (mm)	d (mm)	E (mm)	d2 (mm)	Screw type	Weight (Kg/m)
MRG18S	18	9,5	7,1	2,8				4,5	M4 DIN7991	0,68
MRG18L					9	5	1,9		M4 TORX *	
MR28S	28	12	8	3				5,5	M5 DIN7991	1,25
MR28L					11	6	2		M5 TORX *	
MR43S	43	18	13,2	5				8,5	M8 DIN7991	3,04
MR43L					18	10	3,2		M8 TORX *	

* Special flat-head TORX screws supplied with rails.

Screw type		G (mm)	S (mm)	V (mm)		Tightening Torque
M4 TORX	M4	8	1,9	8	T20	3,5 Nm
M5 TORX	M5	10	2	10	T25	10 Nm
M8 TORX	M8	16	3	16	T40	20 Nm



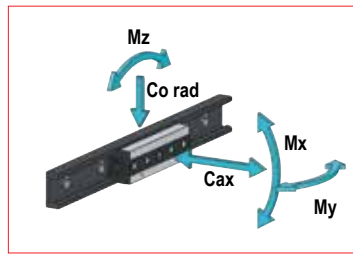
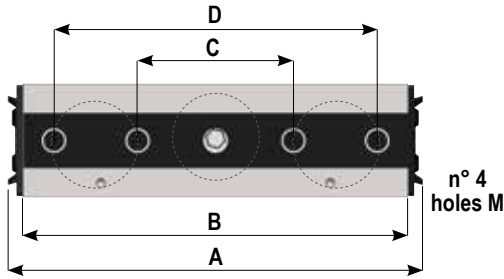
Length L (mm)		
MRG18	MR28	MR43
160		
240	240	
320	320	
400	400	400
480	480	480
560	560	560
640	640	640
720	720	720
800	800	800
880	880	880
960	960	960
1040	1040	1040
1120	1120	1120
1200	1200	1200
1280	1280	1280
1360	1360	1360
1440	1440	1440
1520	1520	1520
1600	1600	1600
1680	1680	1680
1760	1760	1760
1840	1840	1840
1920	1920	1920
2000	2000	2000
2080	2080	2080
2160	2160	2160
2240	2240	2240
2320	2320	2320
2400	2400	2400
2480	2480	2480
2560	2560	2560
2640	2640	2640
2720	2720	2720
2800	2800	2800
2880	2880	2880
2960	2960	2960
	3040	3040
	3120	3120
	3200	3200
	3280	3280
	3360	3360
	3440	3440
	3520	3520
	3600	3600
	3680	3680
	3760	3760
	3840	3840
	3920	3920
	4000	4000

TECHNICAL DATA

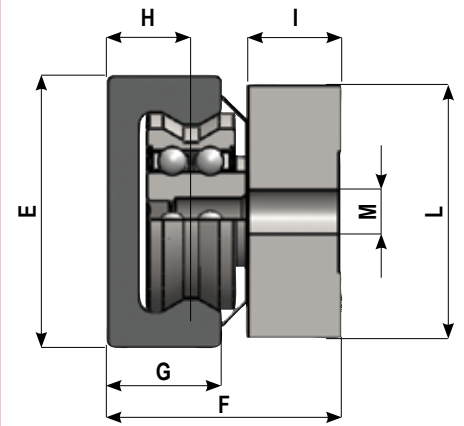
MR Series Rails are made in 3 sizes 18mm, 28mm and 43mm with two types of mounting holes: MR .. L with counterbored mounting holes for special low head TORX mounting screws that are provided with the rail. MR .. S with countersunk mounting holes for UNI-standard ISO5933 fasteners. The rail has a "C" shaped cross-section with interior, convex raceways. The convex raceways are polished for smooth, low noise motion. The interior raceways are protected from acci-

dental bumps and other damages, that can spoil the surface. The shape also protects the rollers from similar types of damages. MR Series Rails are made from carbon steel that is hardened through high depth nitriding. The rails are then treated with the innovative TRACE-NOX process, which delivers excellent corrosion resistance. This treatment is not a plating which can flake off but instead penetrates and alters the material surface. The result is a very hard and durable, corrosion resistance linear rail, that is black in color, due to the microimpregnation of oil and antioxidants.

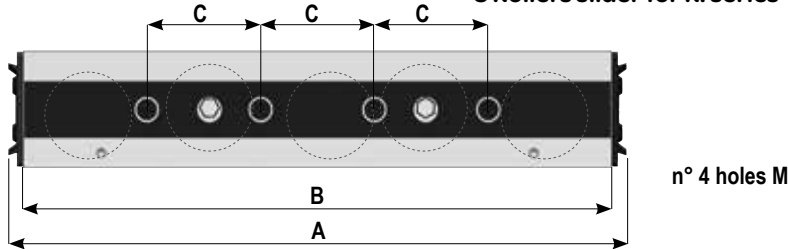
3 Rollers slider for R. series



RV Guiding slider dimensions



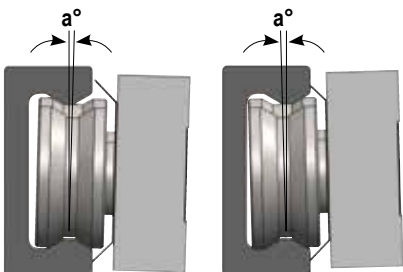
5 Rollers slider for R. series



Code	Rail type	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (g)	Dynamic coeff. C (N)	Load capacity				
															Co rad (N)	Co ax (N)	Mx (Nm)	My (Nm)	Mz (Nm)
RVG18-3	MRG18	18	16,5	9,5	7,1	4,8	16	M5	78	70	20	52	75	3300	1600	690	3	9	15
RPG18-3														3300	1600	0	0	0	15
RAG18-3														3300	1600	460	3	9	15
RVG18-5														4455	2160	1150	6	18	48
RPG18-5														4455	2160	0	0	0	48
RAG18-5														4455	2160	690	6	18	48
RV28-3	MR28	28	24	12	8	9,7	25	M5	102	94	35	78	240	6000	3200	1380	9	27	46
RP28-3														6000	3200	0	0	0	46
RA28-3														6000	3200	920	9	27	46
RV28-5														8100	4320	2300	18	46	120
RP28-5														8100	4320	0	0	0	120
RA28-5														8100	4320	1380	18	46	120
RV43-3	MR43	43	37	18	13,2	14,8	40	M8	147	136	55	114	730	14200	7200	3210	32	92	155
RP43-3														14200	7200	0	0	0	155
RA43-3														14200	7200	2080	32	92	155
RF43-3														14200	7200	0	0	0	155
RV43-5														19170	9720	5350	64	165	418
RP43-5														19170	9720	0	0	0	418
RA43-5														19170	9720	3560	64	165	418
RF43-5														19170	9720	0	0	0	418

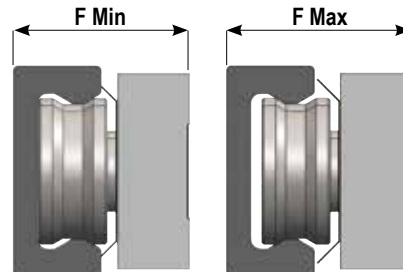
RA series – Rotating slider

Series	(+/-) a°
RA18	1,5
RA28	1,5
RA43	1,5



RP series – Floating slider

Series	(+/-) a°	F Min	F Max
RP18	1,5	16	17
RP28	1,5	23,4	24,6
RP43	1,5	36	38



RF series – Extra floating slider

Series	(+/-) a°	F Min	F Max
RF43	1,5	36	40

