

Dimensions and load capacity



> FXRG series

FXRG is a high precision cold drawn profile of high strength steel. After a high depth nitride hardening treatment the rails are oxidized, assuring high hardness and excellent corrosion resistance. The characteristic black color on the whole rail is the result of oxidation and subsequent process of micro-impregnation with oils and substances for improved smoothness and long life. The fixing holes are for standard M6 cylindrical low head screws, DIN 7984, with 80mm pitch .

Position of guiding roller - Concentric RCV43G on the three raceways

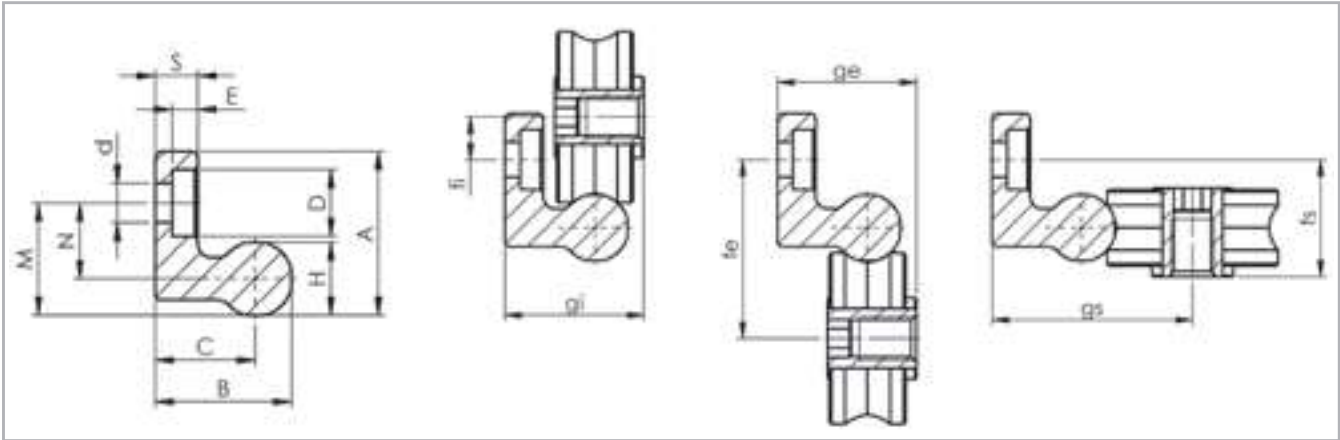


Fig. 12

Type	A [mm]	B [mm]	S [mm]	H [mm]	C [mm]	d [mm]	D [mm]	E [mm]	Screw type	M [mm]	N [mm]	Weight [g]
FXRG	27,02	22,52	7,00	12,04	16,50	6,50	11,00	4,20	M6 DIN 7984	18,52	12,50	2,48

Tab. 1

Axial movement of floating roller R.P43G with FXRG

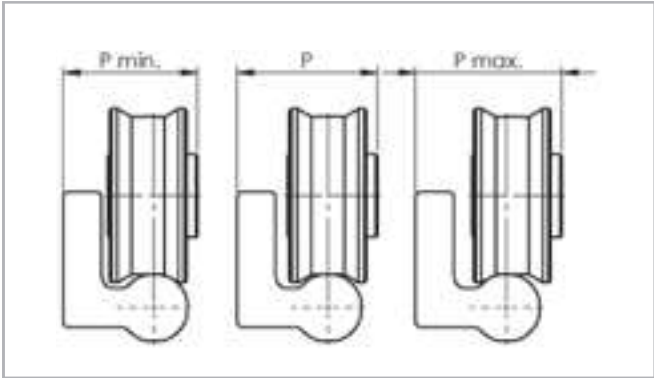


Fig. 13

Rotation of guiding roller R.V43G on FXRG

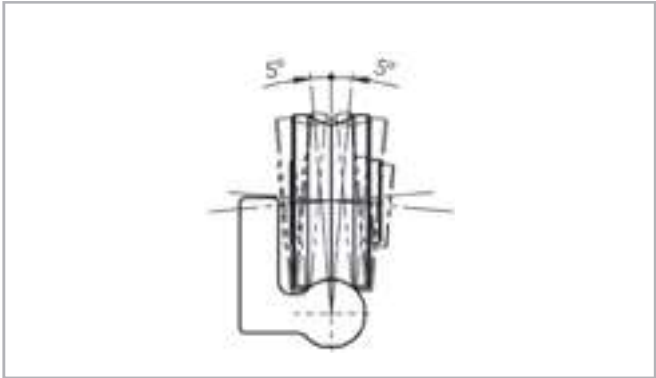


Fig. 14

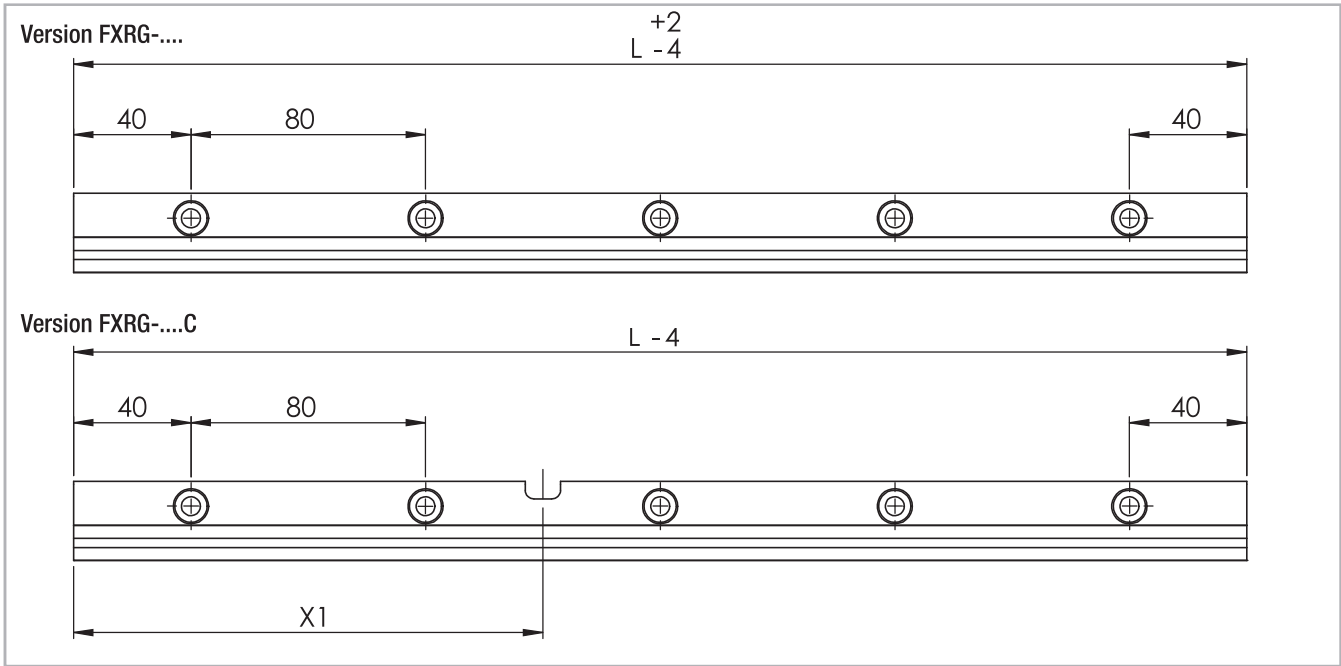
Type	P [mm]	movement	P _{min} [mm]	P _{max} [mm]
FXRG	25,50	+/-1	24,50	26,50

Tab. 2

fi [mm]	gi [mm]	fe [mm]	ge [mm]	fs [mm]	gs [mm]
7,82	25,50	32,82	25,50	21,50	36,82

Tab. 3

Available lengths and types



Version FXRG-.... and Version FXRG-....C with additional slot - see page OR-9

Fig. 15

Dimensions

Rail codes	Length L [mm]
FXRG	400 - 480 - 560 - 640 - 720 - 800 - 880 - 960 - 1040 - 1120 - 1200 - 1280 - 1360 - 1440 - 1520 - 1600 - 1680 - 1760 - 1840 - 1920 - 2000 - 2080 - 2160 - 2240 - 2320 - 2400 - 2480 - 2560 - 2640 - 2720 - 2800 - 2880 - 2960 - 3040 - 3120 - 3200 - 3280 - 3360 - 3440 - 3520 - 3600 - 3680 - 3760 - 3840 - 3920 - 4000

Special lengths or pitches available upon request, please contact our Technical Department
Highlighted rail lengths are available from stock

Tab. 4

Version	Characteristics
BASIC	Cold drawn profile with high depth nitrate hardening “Rollon-Nox”, oxidation with micro oil impregnation. Ends are cut to size after treatments and sprayed with protective black paint.

Tab. 5