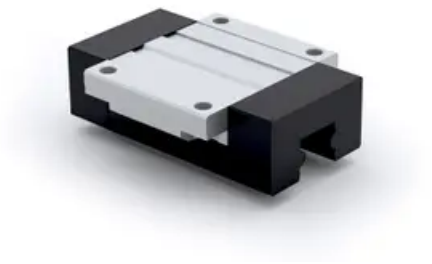
Flanged Block Type FNS

This light-weight flanged runner block is designed for cost-effective applications such as assembly and handling processes. Mounting dimensions are identical to those of the steel guiding rails and in accordance to DIN 645-1, which makes them interchangeable and replaceable.



The runner block has a lateral abutment edge and can then be screwed from above or below. Runner block consists of an aluminium alloy with a tensile strength of 350N/mm2, balls and running tracks of hardened stainless steel, X46Cr13 (1.4034). All others parts are made of POM. The carriage is pre-lubricated and has standard seal units, which can be replaced.

Note!
Determination of the dynamic load capacities and torques is based on a travel life of 100.000 m. Due to the mechanical operations of guide rails and runner block with their different materials, is not possible to clearly indicate a static load rating. In this case never exceed Max permissible load or Static moment Mr0. Otherwise malfunction or damage may occur.

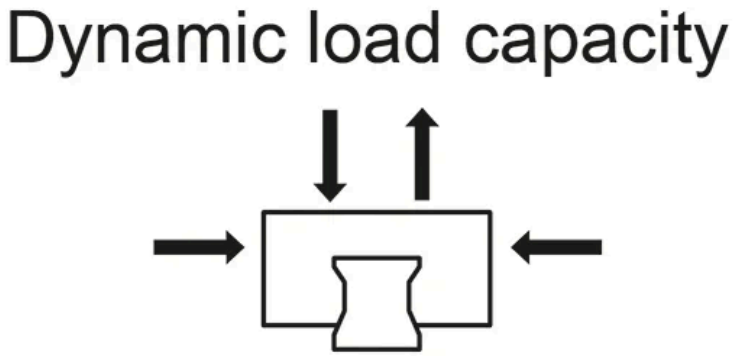
See technical information regarding Lube units.

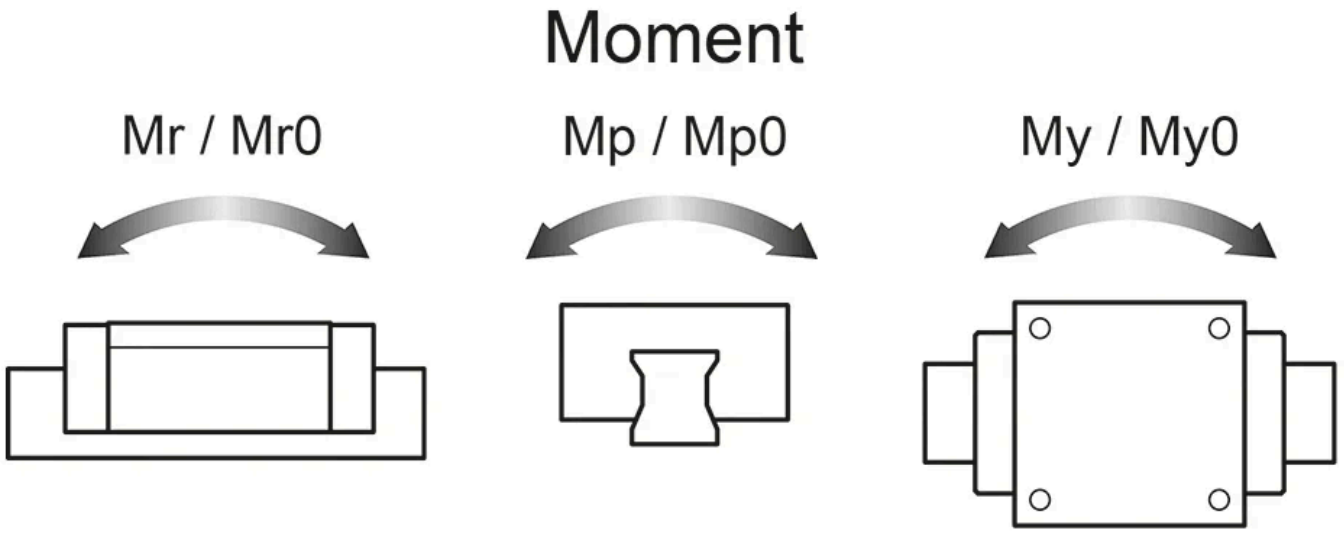
Dimensions in mm.

Lead times in the table below are only indications. Choice of options will affect lead time. Please contact us for exact delivery time for your request.

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General Data



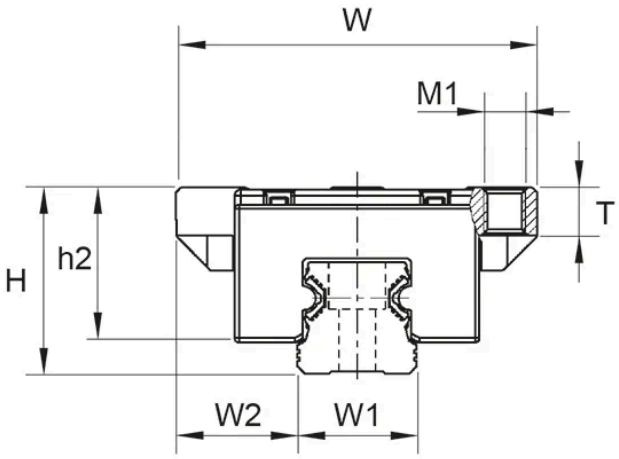


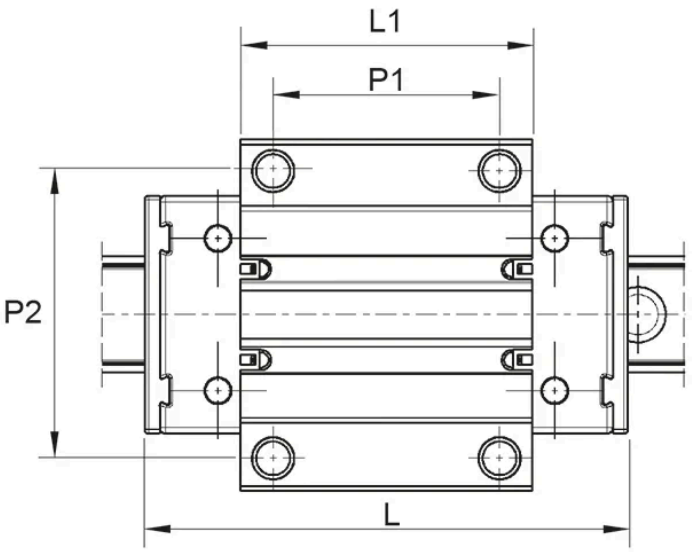
Designation	Dynamic Load Capacity C (N)	Static Moment Mr0 (Nm)	Static Moment Mp0 (Nm)	Static Moment My0 (Nm)	Dynamic Moment Mr (Nm)
FNS15	5000	14	12	12	36
FNS20	11000	40	35	35	101
FNS25	16000	66	59	59	165

Designation	Dynamic Moment Mp (Nm)	Dynamic Moment My (Nm)	Weight Block (kg)	Max. Permissible Load Fmax (N)
FNS15	29	29	0.08	2000
FNS20	89	89	0.18	4400
FNS25	147	147	0.26	6400

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Dimensions





Designation	L	H	W	L1	h2	W1	W2	T	M1
FNS15	64	24	47	37.8	19.8	15	16	6	M5
FNS20	85.9	30	63	51.5	24.7	20	21.5	8	M6
FNS25	96	36	70	58	29.9	23	23.5	9.3	M8

Designation	P1	P2
FNS15	30	38
FNS20	40	53
FNS25	45	57

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