

Narrow Block Type GNS

This light-weight narrow runner block corresponds to the structure of the flanged runner block from the previous page. It's only slimmer and designed for mounting from above. The mounting dimensions are also identical to the steel guiding rails and in accordance to DIN 645-1. In this way you can easily change the installed constructions.

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 M_{r0} . Otherwise malfunction or damage may occur.

See technical information regarding Lube units.

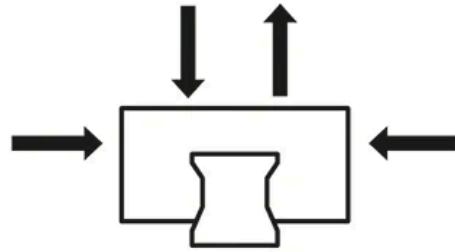
Dimensions in mm.

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.



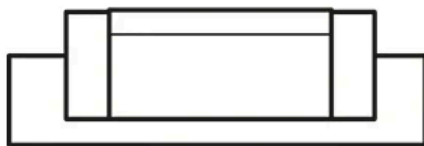
General Data

Dynamic load capacity



Moment

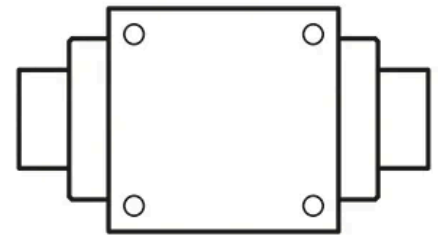
M_r / M_{r0}



M_p / M_{p0}



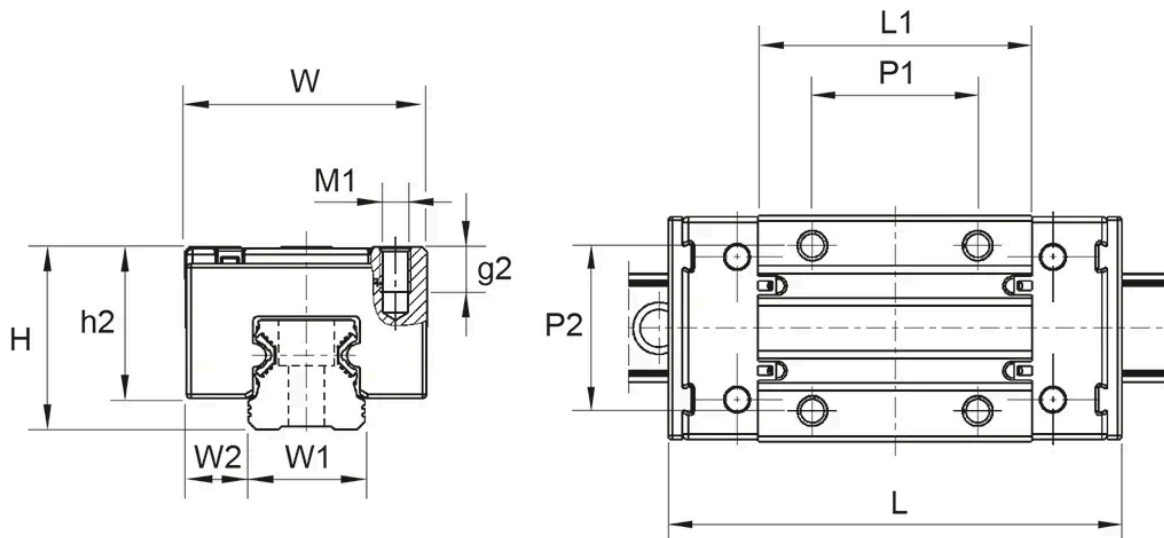
M_y / M_{y0}



Designation	Dynamic Load Capacity C (N)	Static Moment M_{r0} (Nm)	Static Moment M_{p0} (Nm)	Static Moment M_{y0} (Nm)	Dynamic Moment M_r (Nm)
GNS15	5000	14	12	12	36
GNS20	11000	40	35	35	101
GNS25	16000	66	59	59	165

Designation	Dynamic Moment M_p (Nm)	Dynamic Moment M_y (Nm)	Weight Block (kg)	Max. Permissible Load F_{max} (N)
GNS15	29	29	0.07	2000
GNS20	89	89	0.15	4400
GNS25	147	147	0.22	6400

Dimensions



Designation	L	H	W	L1	h2	W1	W2	T	M1
GNS15	64	24	34	37.8	19.8	15	9.5	-	M4
GNS20	85.9	30	44	51.5	24.7	20	12	7.5	M5
GNS25	96	36	48	58	29.9	23	12.5	9	M6

Designation	g2	P1	P2
GNS15	6	26	26
GNS20	-	36	32
GNS25	-	35	35