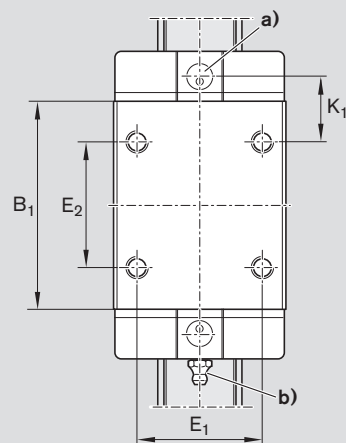
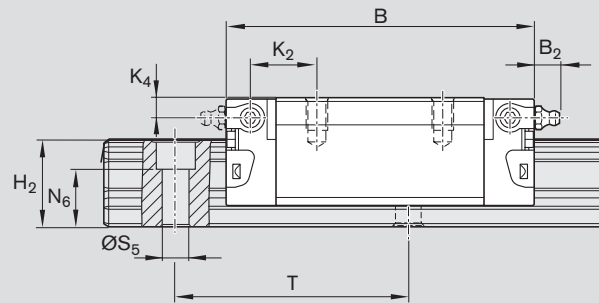
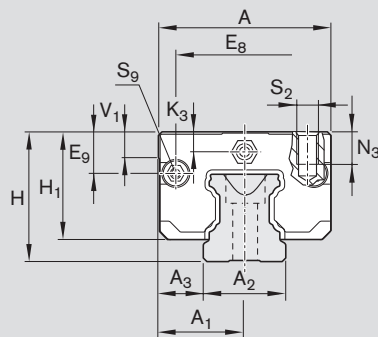


Ball Runner Blocks SNS



- a) For O-ring
Size 15: $\varnothing 4 \cdot 1.0$ (mm)
Size 20 - 45: $\varnothing 5 \cdot 1.0$ (mm)
Open lube bore as required (☞ 258).
- b) Lube nipple, size 15 - 20:
Funnel-type lube nipple DIN 3405-A M3x5, $B_2 = 1.6$ mm
If another lube nipple is used: observe the screw-in depth of 5 mm!
Lube nipple, size 25 - 45:
Hydraulic-type lube nipple DIN 71412-B M6x8, $B_2 = 9.5$ mm
If another lube nipple is used: observe the screw-in depth of 8 mm!
Lube nipples are provided (unmounted).
Connection possible at all sides.

Size	Dimensions (mm)																	
	A	A ₁	A ₂	A ₃	B	B ₁	E ₁	E ₂	E ₈	E ₉	H	H ₁	H ₂ ¹⁾	H ₂ ²⁾	K ₁	K ₂	K ₃	K ₄
15	34	17	15	9.5	58.2	39.2	26	26	24.55	6.70	24	19.90	16.30	16.20	10.00	11.60	3.20	3.20
20	44	22	20	12.0	75.0	49.6	32	36	32.50	7.30	30	25.35	20.75	20.55	13.80	13.80	3.35	3.35
25	48	24	23	12.5	86.2	57.8	35	35	38.30	11.50	36	29.90	24.45	24.25	17.45	18.60	5.50	5.50
30	60	30	28	16.0	97.7	67.4	40	40	48.40	14.60	42	35.35	28.55	28.35	20.00	21.70	6.05	6.05
35	70	35	34	18.0	110.5	77.0	50	50	58.00	17.35	48	40.40	32.15	31.85	20.50	22.00	6.90	6.90
45	86	43	45	20.5	137.6	97.0	60	60	69.80	20.90	60	50.30	40.15	39.85	27.30	29.30	8.20	8.20

Size	Dimensions (mm)									Weight (kg)	Load capacities ³⁾ (N)		Load moments ³⁾ (Nm)			
	N ₃	N ₆ ^{±0.5}	S ₂	S ₅	S ₉	T	V ₁				C	C ₀	M _t	M _{t0}	M _L	M _{L0}
15	6.0	10.3	M4	4.4	M2.5x3.5	60	5.0	0.15			7 800	13 500	74	130	40	71
20	7.5	13.2	M5	6.0	M3x5	60	6.0	0.35			18 800	24 400	240	310	130	165
25	9.0	15.2	M6	7.0	M3x5	60	7.5	0.50			22 800	30 400	320	430	180	240
30	12.0	17.0	M8	9.0	M3x5	80	7.0	0.85			31 700	41 300	540	720	290	380
35	13.0	20.5	M8	9.0	M3x5	80	8.0	1.25			41 900	54 000	890	1 160	440	565
45	18.0	23.5	M10	14.0	M4x7	105	10.0	2.40			68 100	85 700	1 830	2 310	890	1 130

1) Dimension H₂ with cover strip

2) Dimension H₂ without cover strip

3) Load capacities and moments for Ball Runner Block **without** ball chain. Load capacities and moments for Ball Runner Block **with** ball chain ☞ 8.

Determination of the dynamic load capacities and moments is based on a travel life of 100,000 m per ISO 14728-1. Often only 50,000 m are actually stipulated. For comparison: Multiply values C, M_t and M_L from the table by 1.26.