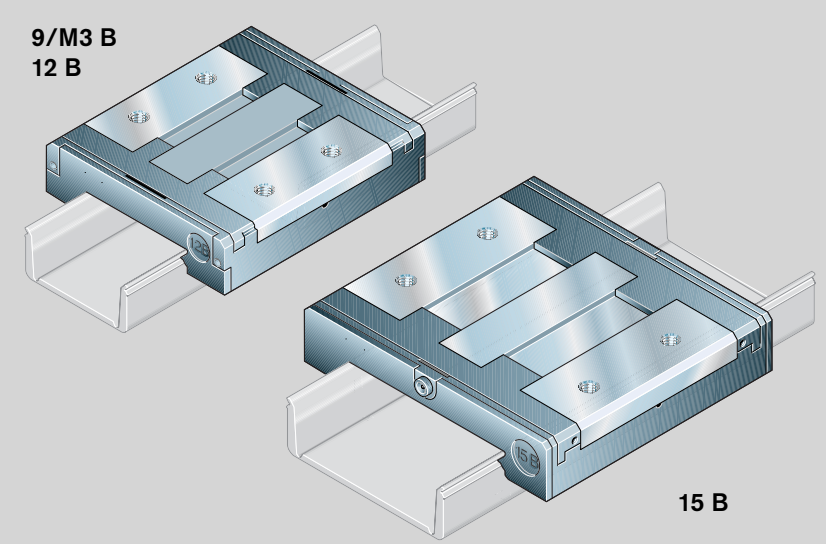
Wide Runner Blocks R0443

All steel parts are made of rust and acid resistant material similar to ISO 683-17 / EN 10088.

Runner blocks are supplied on mandrels.



Part numbers for runner blocks

Standard seals: low-friction seals.
Part number: R0443 ... **01** (see table)

Special versions:
Runner blocks are also available:

- with N seals (excellent wiping action) and longitudinal seals for full sealing.
  Part number: R0443 ... **00**
  (otherwise as per table)
- without basic lubrication for individual lubrication.
  - with N seals and longitudinal seals
    Part number: R0443 ... **40**
    (otherwise as per table)
  - with low-friction seals
    Part number: R0443 ... **41**
    (otherwise as per table)

Take frictional drag of the respective seals into account.
See chapter “Technical Data”, section “Friction and seals”.

Size	Accuracy class	Part numbers for runner blocks	
		Clearance 9	Preload 1
9/M3 B	P	–	0443-812-01
	H	0443-893-01	0443-813-01
	N	0443-894-01	–
12 B	P	–	0443-212-01
	H	0443-293-01	0443-213-01
	N	0443-294-01	–
15 B	P	–	0443-512-01
	H	0443-593-01	0443-513-01
	N	0443-594-01	–

Note on dynamic load capacities and moments (see table)

The dynamic load capacities and moments are based on 100,000 m travel.
However, a travel of just 50,000 is often taken as a basis.
If this is the case, for comparison purposes:
Multiply values **C**, $\mathbf{M_t}$ and $\mathbf{M_L}$ from the table by 1.26.

Ordering example 1:

Runner block size 12 B,
accuracy class P, preloaded, standard seals

Ordering data: **R0443 212 01**

Ordering example 2:

Runner block size 12 B,
accuracy class H, clearance, N seals

Ordering data: **R0443 293 00**

Ordering example 3:

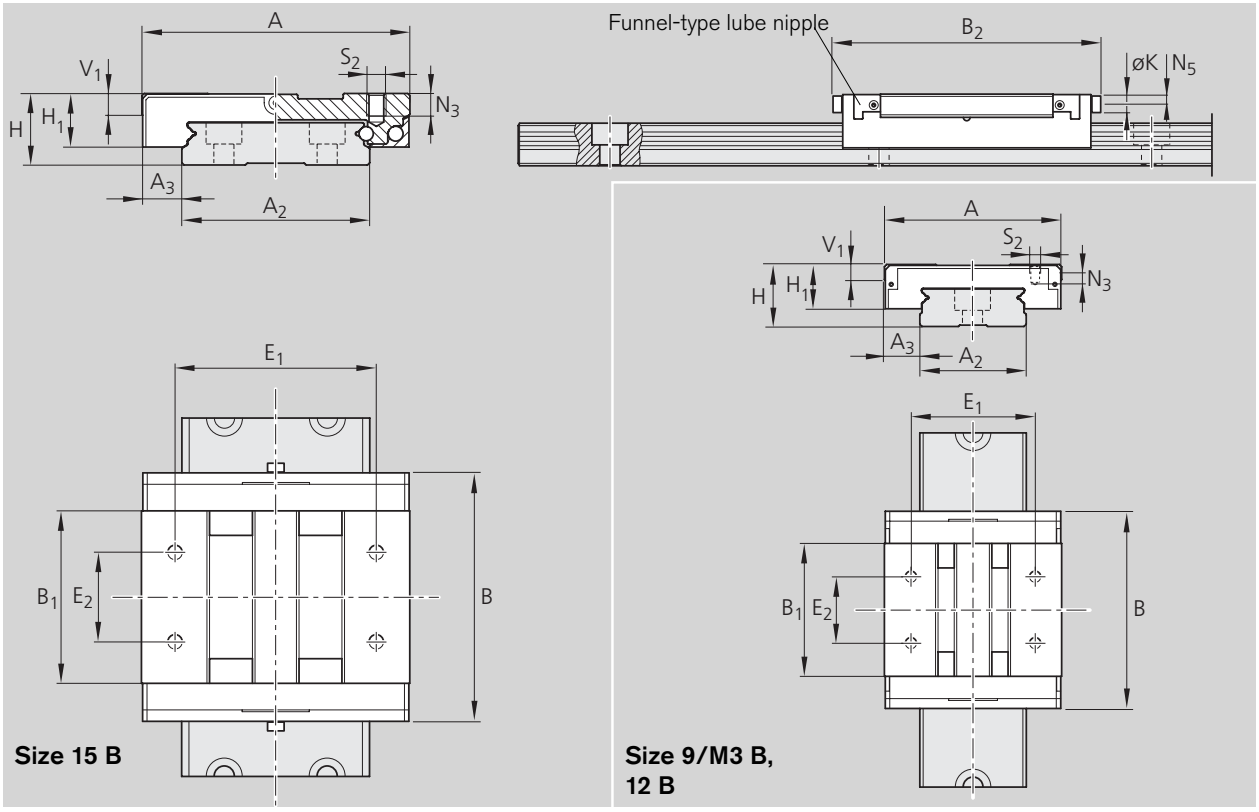
Runner block size 15 B,
accuracy class H, preloaded, N seals and longitudinal seals, no basic lubrication

Ordering data: **R0443 513 40**

Ordering example 4:

Runner block size 9/M3 B,
accuracy class N, clearance, standard seals, no basic lubrication

Ordering data: **R0443 894 41**



Size	Dimensions [mm]															
	A	A_2	A_3	B	B_1	B_2	H	H_1[1]	H_1[2]	V_1	E_1	E_2	K	N_3	N_5	S_2
9/M3 B	30	18	6.0	39.0	26.0	–	12	9.0	9.65	2.8	21	12	-	3.2	-	M3
12 B	40	24	8.0	44.5	30.0	–	14	10.0	10.65	3.3	28	15	-	4.0	-	M3
15 B	60	42	9.0	55.5	38.6	58.5	16	12.0	12.65	4.7	45	20	4	4.5	2.1	M4

[1] without longitudinal seal
[2] with longitudinal seal

Size	Weight	Load capacities [N]		Moments [Nm]			
	Runner blocks	C[1]	C_0[1]	M_t[2]	M_{t0}[2]	M_L[2]	M_{L0}[2]
	[g]	dyn.	stat.	dyn.	stat.	dyn.	stat.
9/M3 B	26	1920	3330	15.9	27.6	7.4	12.9
12 B	51	3200	5340	37.9	63.2	14.3	23.9
15 B	110	5285	8610	107.0	174.0	30.0	49.0

[1] Calculated values conforming to DIN 636 Part 2
[2] Calculated values (based on C, C_0)