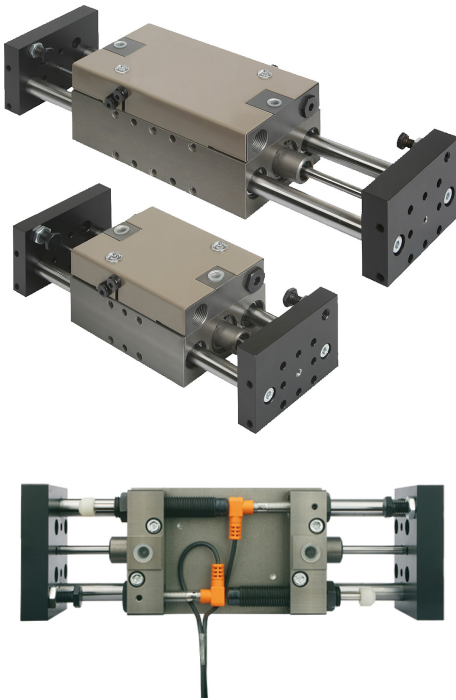


Item description/product images

**Description****Material:**

Body and flange plate EN AW-5754.
Guide shafts steel

Version:

Body, hard-coated
Flange plates, anodized.
Guide shaft, hardened.

Note:

Maintenance-free pneumatic linear modules with two precision steel shafts and ball guide bushing with wipers. Double acting cylinder drive. All fastening threads have threaded inserts. The as accessory available shock absorbers and proximity switches can be integrated (no protruding edges). Positive fit construction for hundred per cent reproducibility. Combinations in all sizes and stroke variants are feasible without adapter plates.

Repeat accuracies of ± 0.01 mm are possible.
Specified loads apply by centred carriages.

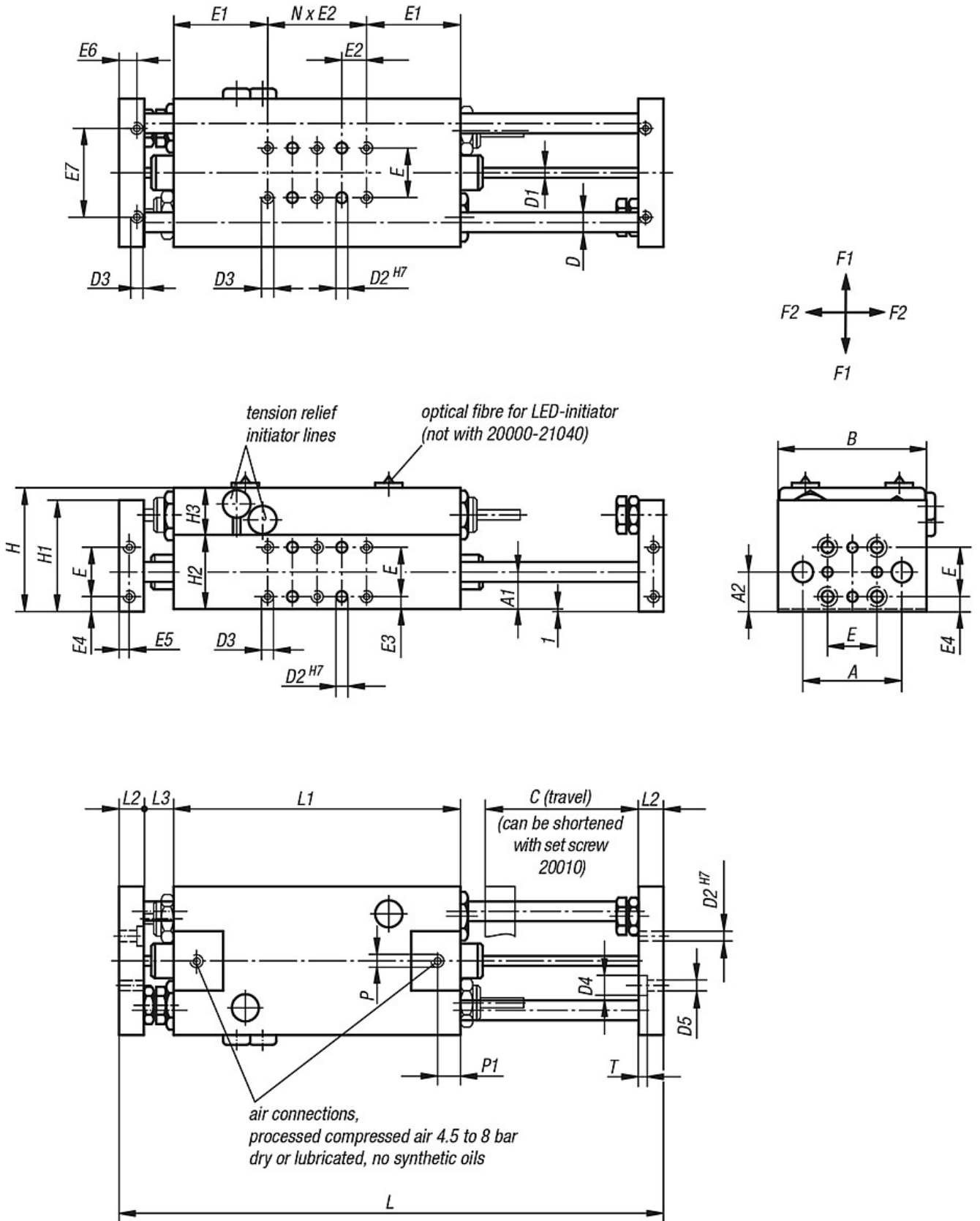
On request:

Available with locking cartridge as stroke deviation safeguard.

Accessory:

See table for shock absorber, proximity switch and plug connector.

Drawings



Overview of items

Overview of items

Order No.	Size	A	A1	A2	B	C (travel)	D	D1	D2	D3	D4	D5	E	E1	E2	E3	E4	E5	E6	E7
20000-21040	1	40	15	16	60	40	8	4	4	M4	8	4,5	20	38	10	5	6	4	9	36
20000-21060	1	40	15	16	60	60	8	4	4	M4	8	4,5	20	38	10	5	6	4	9	36
20000-21080	1	40	15	16	60	80	8	4	4	M4	8	4,5	20	38	10	5	6	4	9	36
20000-21100	1	40	15	16	60	100	8	4	4	M4	8	4,5	20	38	10	5	6	4	9	36
20000-22060	2	55	20	21	82	60	12	6	5	M5	10	5,5	30	45	15	5	6	5	11	50
20000-22090	2	55	20	21	82	90	12	6	5	M5	10	5,5	30	45	15	5	6	5	11	50
20000-22120	2	55	20	21	82	120	12	6	5	M5	10	5,5	30	45	15	5	6	5	11	50
20000-22150	2	55	20	21	82	150	12	6	5	M5	10	5,5	30	45	15	5	6	5	11	50
20000-23080	3	70	25	26	100	80	16	8	6	M6	11	6,6	40	50	20	5	6	6	14	70
20000-23120	3	70	25	26	100	120	16	8	6	M6	11	6,6	40	50	20	5	6	6	14	70
20000-23160	3	70	25	26	100	160	16	8	6	M6	11	6,6	40	50	20	5	6	6	14	70
20000-23200	3	70	25	26	100	200	16	8	6	M6	11	6,6	40	50	20	5	6	6	14	70
20000-25120	5	104	38	39	150	120	25	12	10	M10	18	11	60	72	30	8	9	8	17	96
20000-25180	5	104	38	39	150	180	25	12	10	M10	18	11	60	72	30	8	9	8	17	96
20000-25240	5	104	38	39	150	240	25	12	10	M10	18	11	60	72	30	8	9	8	17	96
20000-25300	5	104	38	39	150	300	25	12	10	M10	18	11	60	72	30	8	9	8	17	96

Order No.	Size	H	H1	H2	H3	L	L1	L2	L3	N (number)	P	P1	T	F1 max. kN	F2 max. kN	Piston force at 6 bar (N)	cylinder Ø	Air consumption per cycle at 6 bar (ccm)
20000-21040	1	50	45	30	19	180	96	12	10	2	M5	9,3	3	0,140	0,380	100	16	11,3
20000-21060	1	50	45	30	19	220	116	12	10	4	M5	9,3	3	0,090	0,260	100	16	17
20000-21080	1	50	45	30	19	260	136	12	10	6	M5	9,3	3	0,050	0,180	100	16	22,6
20000-21100	1	50	45	30	19	300	156	12	10	8	M5	9,3	3	0,025	0,125	100	16	28,3
20000-22060	2	64	60	40	23	254	120	16	21	2	G 1/8	9,9	5,7	0,300	0,610	250	25	56
20000-22090	2	64	60	40	23	314	150	16	21	4	G 1/8	9,9	5,7	0,160	0,350	250	25	84
20000-22120	2	64	60	40	23	374	180	16	21	6	G 1/8	9,9	5,7	0,080	0,240	250	25	112
20000-22150	2	64	60	40	23	434	210	16	21	8	G 1/8	9,9	5,7	0,045	0,160	250	25	140
20000-23080	3	77	70	50	26	300	140	20	20	2	G 1/8	9,5	5	0,460	0,840	407	32	118
20000-23120	3	77	70	50	26	380	180	20	20	4	G 1/8	9,5	5	0,240	0,520	407	32	178
20000-23160	3	77	70	50	26	460	220	20	20	6	G 1/8	9,5	5	0,120	0,320	407	32	236
20000-23200	3	77	70	50	26	540	260	20	20	8	G 1/8	9,5	5	0,070	0,200	407	32	295
20000-25120	5	112	100	76	35	420	204	25	23	2	G 1/4	14	7	0,750	1,080	660	40	354,6
20000-25180	5	112	100	76	35	540	264	25	23	4	G 1/4	14	7	0,420	0,700	660	40	531,8
20000-25240	5	112	100	76	35	660	324	25	23	6	G 1/4	14	7	0,250	0,480	660	40	709,1
20000-25300	5	112	100	76	35	780	384	25	23	8	G 1/4	14	7	0,160	0,360	660	40	886,4