



















# System profiles

## Carriage profile

Dimensions (mm)

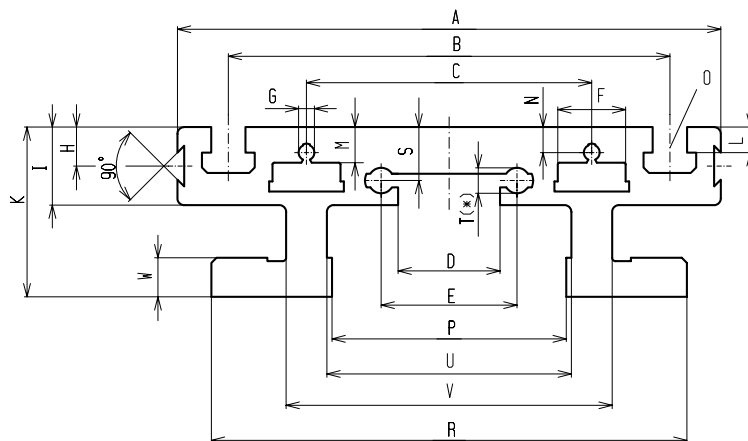
### Carriage profile DS 160, 200

Material Al Mg Si 0,5 F25 E6 EV1

(\* ) = tapped threads

○ = refer to chapter 2.2 page 2-3

Type	Ix [mm <sup>4</sup> ]	Iy [mm <sup>4</sup> ]	Wx [mm <sup>3</sup> ]	Wy [mm <sup>3</sup> ]
160	890.177	8.981.338	29.686	112.267
200	2.328.783	22.253.783	64.324	222.538



Code-No. Length in mm

41104	2000
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Sample ordering code: Carriage profile DL 160, 2.000 mm long.

Code-No.	Type	A	B	C	D	E	F	G	H	I	K	L	M	N	O für	P	R	S	T	U	V	W	m [kg/m]	L <sub>max.</sub>
41107	160	160	130	84	30	40	20	4,7	11,5	23	41	7,5	7,5	10,5	M8	69	140	15,8	7,5	72	96	11,5	10,0	3.000
41256	200	200	160	101	36	46	25	7,5	8,5	26	47,5	8,5	8,5	11,5	M10	-	185	16	9,4	88,5	114,5	15,2	15,1	3.000

### Carriage profile QST/K 60, 80, 100

Material Al Mg Si 0,5 F25 E6 EV1

(\* ) = tapped threads

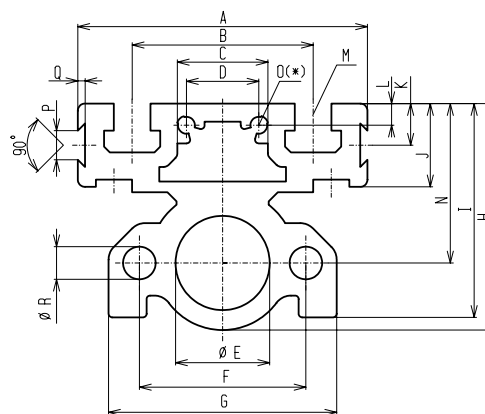
M = refer to chapter 2.2 page 2-3

Code-No. Length in mm

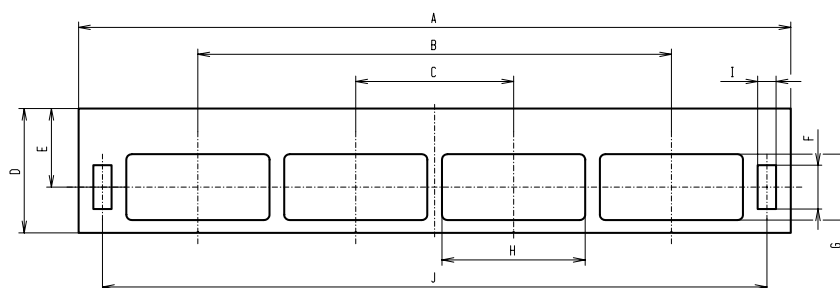
41207	2000
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Sample ordering for: Carriage profile QS 80, 2000 long

Code-No.	Type	A	B	C	D	∅ E	F	G	H	I	J	K	L	M for	N	O	P	Q	∅ R	m [kg/m]	Ix [mm <sup>4</sup> ]	Iy [mm <sup>4</sup> ]	Wx [mm <sup>3</sup> ]	Wy [mm <sup>3</sup> ]	L <sub>max.</sub>
41211	60	60	36	16,5	10	20	36	47	49	45,7	17	8,5	6	M6	34	4,7	8	2	6,5	3,34	275.807	302.516	10.587	10.084	3.000
41207	80	80	50	35	20	26	46	63	62,5	59	23	11,5	6	M8	44	4,7	8	2	9	5,47	1.400.650	1.664.943	28.442	41.624	3.000
41261	100																								



### Rollerpack profile DL / QL / UL



Code-No.	Type	A	B	C	D	E	F	G	H	I	J	m [kg/m]	Ix [mm <sup>4</sup> ]	Iy [mm <sup>4</sup> ]	Wx [mm <sup>3</sup> ]	Wy [mm <sup>3</sup> ]	L <sub>max.</sub>
40340	DL120/QL60/UL40	146	93	31	26	17	9	13	28	4,5	133,5	6,1	151.694	4.528.611	670.695	62.035	3000
40330	DL160/QL80/UL60	194	129	43	34	21,5	12	18	39	5	181	10,2	670.695	13.234.520	22.513	136.439	3000
41253	DL200/QL100/UL80	260	177	59	45,5	28,5	12	22	53	5	245	18,23	1.505.075	42.178.112	58.128	324.447	3000

Code-No. Length in mm

40340	2000
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Sample ordering for: Rollerpack profile DL 120, 2000 long



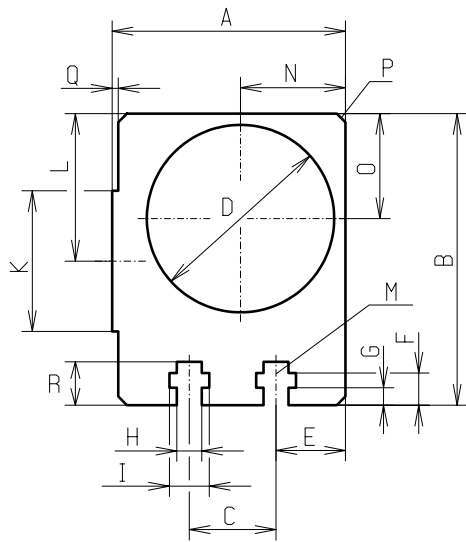
# System profiles

## Deflection- and bearing-block profile

Dimensions (mm)

### Deflection profile ELZ 40, 60, 80(S), 100, 125

Material Al Mg Si 0,5 F25  
M = refer to chapter 2.2 page 2-3



Code-No. Length in mm

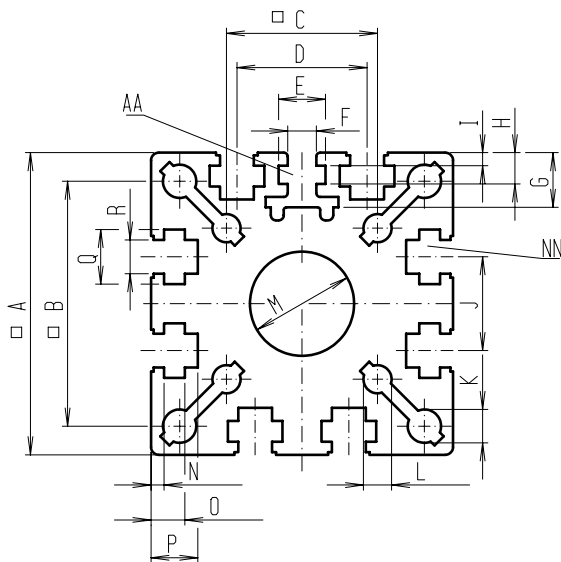
<b>40066</b>	2000
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Sample ordering for: Deflection profile ELZ 40, 2000 long

Code-No.	Type	A	B	C	D	E	F	G	H	I	K	L	N	O	P	Q	R	m [kg/m]	I [mm <sup>4</sup> ]	W [mm <sup>2</sup> ]	L <sub>max.</sub>
<b>40066</b>	<b>40</b>	50,5	58,5	24	35	12,5	11	5	8	13	30	29	20,5	20,5	2	1	-	4,468	521.906	16.157	6000
<b>41061</b>	<b>60</b>	60,5	82,5	30	46	15	13,5	7,5	10,1	18	40	41	26	27	3	1	-	7,937	1.759.465	34.207	6000
<b>40076</b>	<b>80(S)</b>	94,5	112,5	45	66	24,5	14,5	7,8	10,1	16	51	61	40	41	3,5	2	-	16,933	5.538.470	110.830	6000
<b>40086</b>	<b>100</b>	115,5	137,5	64	88	25	16,5	9,3	12	19	61	72	52	52	4	3	-	23,045	11.872.090	197.137	6000
<b>41021</b>	<b>125</b>	136,5	170	50	108	40	18,5	10	14,4	23	81	87	62,5	62,5	7	3,5	25	32,978	24.733.260	346.510	3000

### Bearing-block profile EL 30, 40, 60, 80(S), 100

Material Al Mg Si 0,5 F25  
AA + NN = refer to chapter 2.2 page 2-3



Code-No. Length in mm

<b>40095</b>	2000
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Sample ordering for: Bearing-block profile EL 30, 2000 long

Code-No.	Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	m [kg/m]	I [mm <sup>4</sup> ]	W [mm <sup>2</sup> ]	L <sub>max.</sub>
<b>40095</b>	<b>30</b>	42	35,0	23	-	10,2	6,2	6,5	5,2	2	13	4,2	4,2	16	2	5,2	6	10,2	6,2	2,87	164.341	7.557	3.000
<b>40065</b>	<b>40</b>	59	47,0	29	18	9	5,5	11	6,5	3	18	6,4	5,3	19,8	3	7	9,5	10,5	6,5	5,5	547.637	18.200	3.000
<b>40055</b>	<b>60</b>	84	68,6	48	30	9	5,5	13,3	7,5	4	30	8,4	6,4	29,7	3	9	12	14	8,5	12,71	2.717.601	63.433	3.000
<b>40075</b>	<b>80(S)</b>	103	-	-	40	9	5,5	12,7	7	3,5	40	8,4	-	29,7	4	10	11,5	18	10,5	22,87	7.465.445	143.347	3.000
<b>40085</b>	<b>100</b>	131	112	-	50	13,1	8,1	17	7,7	3,7	50	10,5	-	45	8	16	18	19,5	12	34,49	18.320.000	275.673	3.000
<b>40105</b>	<b>125</b>	167	-	-	60	16,5	10,2	23	23	8,5	60	-	-	60	11	22	24	25	14	66,91	52.193.580	645.704	3.000

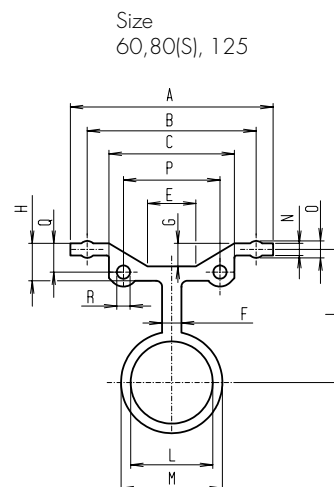
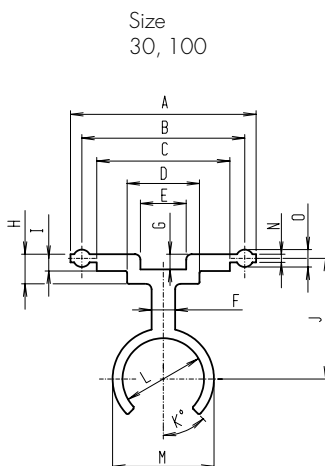
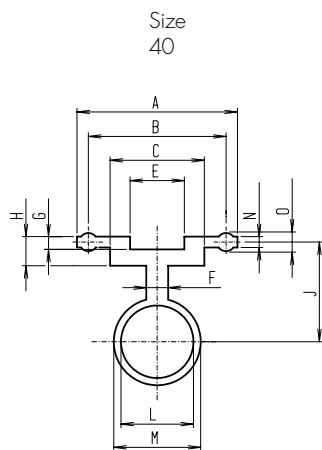
# System profiles

## Lead-nut profile

Dimensions (mm)

### Lead-nut profile EL / EG 30, 40, 60, 80(S), 100, 125

Material Al Mg Si 0,5 F25



Code-No. Length in mm

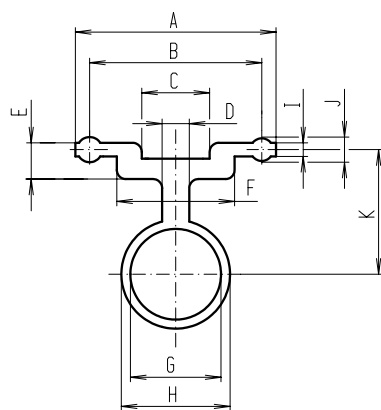
<b>40092</b>	2000
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Sample ordering for: Lead-nut profile EL/EG 30, 2000 long

Code-No.	Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q [kg/m]	R [ø]	I [mm <sup>4</sup> ]	W [mm <sup>3</sup> ]	L <sub>max.</sub>
<b>40092</b>	<b>30</b>	33,0	29	-	19	9	5	2,1	5,6	-	20,8	30°	11,5	14	1,6	2,5	-	-	-	10.991	56.718	3.000
<b>40062</b>	<b>40</b>	44,0	38	26	-	15	6	3,6	8	-	27,5	-	20	24	3	4,5	-	-	-	63.269	2.310	3.000
<b>40052</b>	<b>60</b>	58,6	50	40	-	15	8	4,5	9	-	38,0	-	28	34	4	6,5	30	6,5	5,5	246.017	6.603	3.000
<b>40072</b>	<b>80(S)</b>	83,7	70	52	-	20	8	9,5	15,5	-	55,1	-	34	42	5	7	40	11,9	5,5	764.172	15.494	3.000
<b>40082</b>	<b>100</b>	102,5	90	73,5	40	25	13	8,4	16,25	9,25	66,5	45°	45	56	4,5	9,6	-	-	-	1.311.636	22.138	3.000
<b>40102</b>	<b>125</b>	122,0	110	96	72	38	14	8,0	18	10	80	-	49,6	65	5	9	-	-	-	2.056.434	33.626	3.000

### Lead-nut profile DL 120, 160, 200 / DS 160

Material Al Mg Si 0,5 F25



Code-No.	Type	A	B	C	D	E	F	G	H	I	J	K	m [kg/m]	I [mm <sup>4</sup> ]	W [mm <sup>3</sup> ]	L <sub>max.</sub>
<b>41113</b>	<b>120</b>	36	30	15	9	7,3	22	28	34	3	4,5	29	1,38	20.319	183	3.000
<b>41105</b>	<b>160</b>	48	40	19	12	9,3	29	29	39	4	6,5	37,3	2,49	320.882	9.723	3.000
<b>41254</b>	<b>200</b>	54	46	23,3	14	12,3	34	45	56	4,5	7	47	3,91	368.185	13.149	3.000

Code-No. Length in mm

<b>41113</b>	2000
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Sample ordering for: Lead-nut profile DL 120, 2000 long



4.2

# System profiles

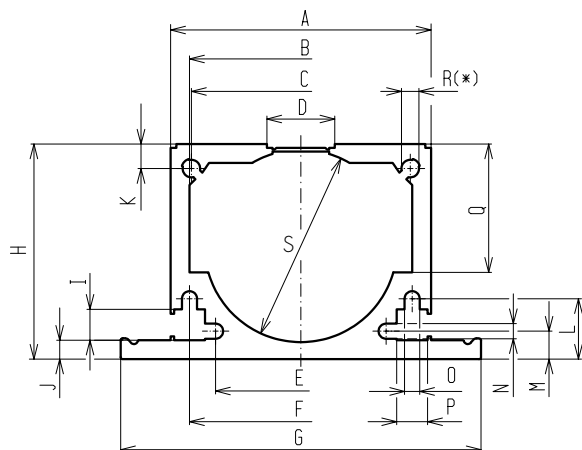
## Internal- and Mounting profiles

Dimensions (mm)

### Internal profile DL 120, 160, 200 / DS 160

Material Al Mg Si 0,5 F25 E6 EV1

(\*) = tapped threads



Code-No.	Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	m [kg/m]	I [mm <sup>4</sup> ]	W [mm <sup>3</sup> ]	L <sub>max.</sub>
41112	120	52	48	44	14	32,2	44	71,5	43	8,2	2,3	4	13,3	4,7	4	4	8,2	24,7	4,7	39	1,52	140.731	5.260	6.000
41103	160	69	59	58	18	45,2	59	95,5	57	8,3	5	6,5	16	7,4	4	4	8,3	34	4,7	51	3,73	580.441	16.868	6.000
41252	200	83	78	-	23	55,2	69	110,5	74	8,2	5	-	16	6,5	4	4	8,2	34	-	60	3,48	617.989	12.771	6.000

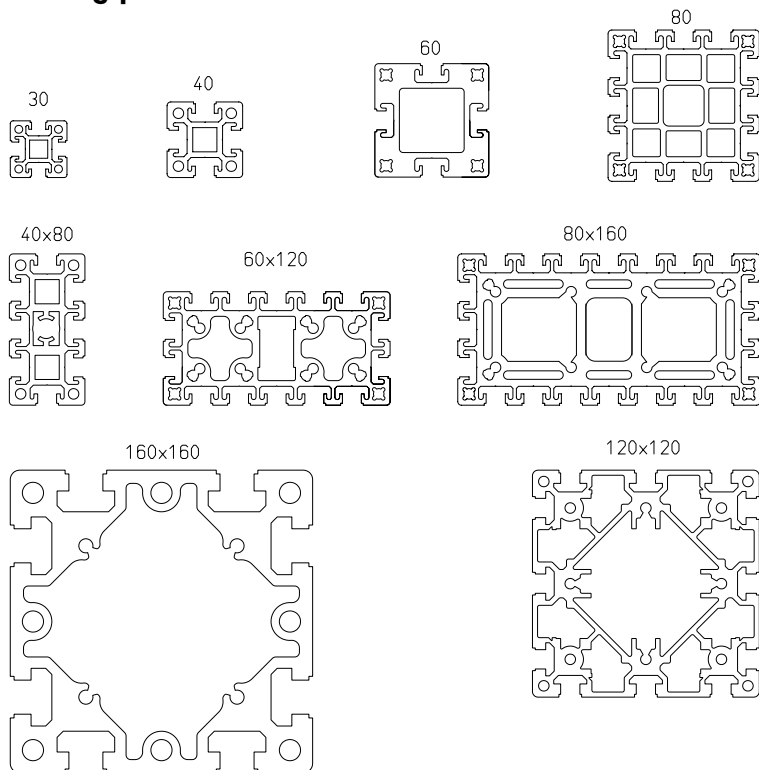
Code-No. Length in mm

41103	2000
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Sample ordering code: Internal profile DL 160, 2.000 mm long.

### Mounting profiles

Profiles for assembling complete machine frames. Frames and assemblies to customer's specification, made from profiles, can be supplied on request.



Code-No.	Type	Mass [kg/m]
05030	30	0,917
05040	40	1,780
05060	60	3,880
05048	40 x 80	3,340
05080	80	5,817
05061	60 x 120	7,500
05062	120 x 120	11,500
05081	80 x 160	12,096
05082	160 x 160	21,955

Code-No. Length in mm

05030	2000
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Sample ordering code: Mounting profile Type 30, 2.000 mm long.