



For the following
E-Chains/E-Tubes:

System E4 Series

- E4.56/H4.56/R4.56
- 400/410/R880
- 4040/4140/R8840
- 14040/14140/R18840
- 14240/14340

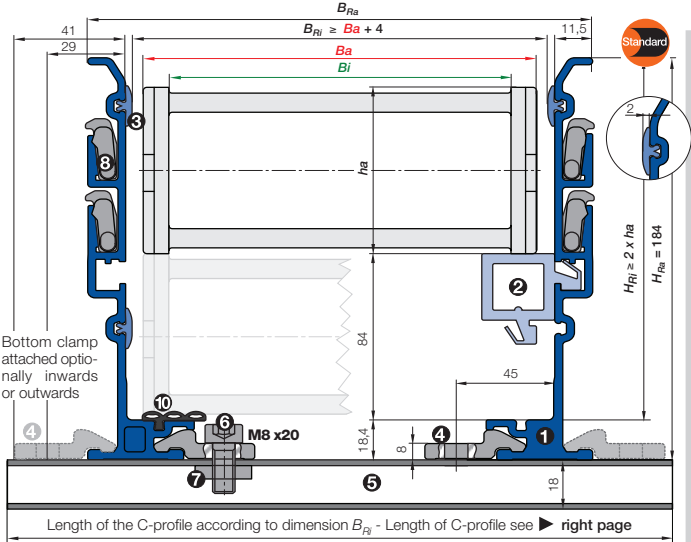
System E6 Series

- E6.62

B_a = Outer E-Chain® width
 B_i = Inner E-Chain® width
 h_a = E-Chain® outer height
 H_{Ri} = Inner trough height
 H_{Ra} = Outer trough height
 B_{Ri} = Inner trough width
 depends on dim. B_a
 B_{Ra} = Outer trough width

! $H_{Ri} \geq 2 \cdot h_a$
 $B_{Ri} \geq B_a + 4$

- = Guide trough
- = Guide bar
- = Installation set "Basic"
- = C-profile



- **Components, trough "Basic":** ① Trough side parts, aluminum, 2 m ② Glide bar, plastic, 2 m ③ Glide strips, plastic, 2 m (without glide strips on request) ⑩ Optional: Silencer profile, rubber
- **Components, installation set "Basic":** ④ Bottom clamp, aluminum ⑤ C-profile, steel galvanized ⑥ Screw M8 x 20 ⑦ Sliding nut M8 ⑧ Interface connector, plastic

Basic version: Aluminum "SuperTrough" components

| Complete guide trough sets - description | Part No. | Weight | kg |
|---|-------------|-------------|----|
| ① Set of 2 trough side parts, incl. glide strips, without glide bars, 2 m section | 974.30.SL | = 10,0 kg | |
| ① Set of 2 trough side parts, incl. glide strips, with glide bars, 2 m section | 974.31.SL | = 12,8 kg | |
| 1 Installation set "Basic" without C-profile | 960.50 | = 0,08 kg | |
| 1 Installation set "Basic" with C-profile | 960.50 | | |
| Single parts - description | | | |
| ⑥ 1 Glide strip, individual, 2 m section | 75.01 | = 0,06 kg | |
| ⑩ 1 Silencer profile, rubber, individual, 2 m section | 75.68.H | | |
| ④ 1 Bottom clamp, individual | 75.50 | = 0,04 kg | |
| ⑧ 1 Interface connector, individual | 75.60 | | |
| ⑥ 1 Screw M8 x 20, individual | MAT 0040445 | | |
| ⑦ 1 Sliding nut M8, individual | MAT 0040413 | | |
| ② 1 Glide bar, individual, 2 m section | 83.79 | = 1,30 kg | |
| ⑤ 1 C-profile, individual | 92.52 | = 0,90 kg/m | |



Calculation - travel center mounted

Half travel length, rounded down to full 2 m sections = X m guide trough length without glide bars + X m guide trough length with glide bars + installation sets "Basic" (number of trough pieces + 1)

Supplement Part No. with the indicated C-profile-length-index.
Example: 960.50.200
 C-profile length-index for your chosen trough inner width B_{Ri} ▶ see table on the right or the respective page for chosen series



Fixed end module - A quick fix for mounting the stationary end of an E-Chain® ▶ page 9.16



Order example: Length of travel 30 m - Center mounted for Series E4.56.10.250.0 with $B_{Ri} = 138$

Guide trough set (set of 2 trough side parts, incl. glide strips) **without** glide bar
Order text: 16 m guide trough without glide bar (8 x 2 m sections) Part No. 974.30.SL

Guide trough set (set of 2 trough side parts, incl. glide strips) **with** glide bar
Order text: 16 m guide trough with glide bar (8 x 2 m sections) Part No. 974.31.SL

Installation set "Basic" complete (guide trough-sets + 1)
Order text: 17 installation sets "Basic" Part No. 960.50.200

Module for the fixed end
Order text: 1 set Part No. 974.80

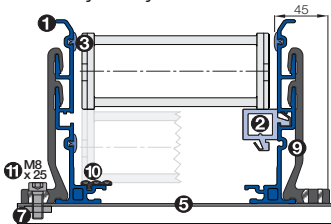
Option: For an additional noise dampening with silencer profile, please add Index A Example:
 Part No. 974.30.SLA

Lengths of C-profile for Basic version - Bottom clamp attached optionally inwards or outwards

| E4.56/H4.56/R4.56 | | | 400/410/R880 | | | 4040/4140/R8840 | | | 14040/14140/R18840 | | | 14240/14340 | | | E6.62 | | |
|-------------------|---------------------------------|----------------------------------|-------------------|---------------------------------|----------------------------------|-------------------|---------------------------------|----------------------------------|--------------------|---------------------------------|----------------------------------|-------------------|---------------------------------|----------------------------------|-------------------|---------------------------------|----------------------------------|
| E4.56.05.200.0 | | | 400.05.200.0 | | | 4040.05.200.0 | | | 14040.05.200.0 | | | 14240.05.200.0 | | | E6.62.05.200.0 | | |
| $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards | $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards | $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards | $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards | $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards | $B_{(R)}$ [mm] | Part No. attached inwards | Part No. attached outwards |
| .05 88 | * | 960.50.225 | .05 88 | * | 960.50.225 | .05 90 | * | 960.50.225 | .05 80 | * | 960.50.200 | .05 80 | * | 960.50.200 | .05 90 | * | 960.50.225 |
| .06 103 | * | 960.50.225 | .06 103 | * | 960.50.225 | .06 105 | * | 960.50.225 | .06 95 | * | 960.50.225 | .06 98 | * | 960.50.225 | .06 108 | * | 960.50.225 |
| .07 113 | * | 960.50.250 | .07 113 | * | 960.50.250 | .07 115 | * | 960.50.250 | .07 105 | * | 960.50.225 | .07 105 | * | 960.50.225 | .07 115 | * | 960.50.250 |
| .08 125 | 960.50.175 | 960.50.250 | .08 125 | 960.50.175 | 960.50.250 | .08 127 | 960.50.175 | 960.50.250 | .08 117 | 960.50.175 | 960.50.225 | .08 118 | 960.50.175 | 960.50.250 | .08 127 | 960.50.175 | 960.50.250 |
| .10 138 | 960.50.200 | 960.50.275 | .10 138 | 960.50.200 | 960.50.275 | .10 140 | 960.50.200 | 960.50.275 | .10 130 | 960.50.200 | 960.50.250 | .10 130 | 960.50.200 | 960.50.250 | .10 140 | 960.50.200 | 960.50.275 |
| .11 151 | 960.50.200 | 960.50.275 | .11 151 | 960.50.200 | 960.50.275 | .11 153 | 960.50.200 | 960.50.275 | .11 143 | 960.50.200 | 960.50.275 | .11 138 | 960.50.200 | 960.50.275 | .11 148 | 960.50.200 | 960.50.275 |
| .12 163 | 960.50.225 | 960.50.300 | .12 163 | 960.50.225 | 960.50.300 | .12 165 | 960.50.225 | 960.50.300 | .12 155 | 960.50.225 | 960.50.275 | .11 143 | 960.50.200 | 960.50.275 | .11 153 | 960.50.200 | 960.50.275 |
| .13 176 | 960.50.225 | 960.50.300 | .13 176 | 960.50.225 | 960.50.300 | .13 178 | 960.50.225 | 960.50.300 | .13 168 | 960.50.225 | 960.50.300 | .12 155 | 960.50.225 | 960.50.275 | .12 165 | 960.50.225 | 960.50.300 |
| .15 188 | 960.50.250 | 960.50.325 | .15 188 | 960.50.250 | 960.50.325 | .15 190 | 960.50.250 | 960.50.325 | .15 180 | 960.50.250 | 960.50.300 | .13 176 | 960.50.225 | 960.50.300 | .13 177 | 960.50.225 | 960.50.300 |
| .16 201 | 960.50.250 | 960.50.325 | .16 201 | 960.50.250 | 960.50.325 | .16 203 | 960.50.250 | 960.50.325 | .16 193 | 960.50.250 | 960.50.325 | .15 180 | 960.50.250 | 960.50.300 | .15 190 | 960.50.250 | 960.50.325 |
| .17 213 | 960.50.275 | 960.50.350 | .17 213 | 960.50.275 | 960.50.350 | .17 215 | 960.50.275 | 960.50.350 | .17 205 | 960.50.275 | 960.50.325 | .16 213 | 960.50.250 | 960.50.325 | .16 220 | 960.50.250 | 960.50.325 |
| .18 226 | 960.50.275 | 960.50.350 | .18 226 | 960.50.275 | 960.50.350 | .18 228 | 960.50.275 | 960.50.350 | .18 218 | 960.50.275 | 960.50.350 | .17 198 | 960.50.250 | 960.50.325 | .17 208 | 960.50.275 | 960.50.325 |
| .20 238 | 960.50.300 | 960.50.375 | .20 238 | 960.50.300 | 960.50.375 | .20 240 | 960.50.300 | 960.50.375 | .20 230 | 960.50.300 | 960.50.350 | .18 205 | 960.50.275 | 960.50.325 | .18 215 | 960.50.275 | 960.50.350 |
| .21 251 | 960.50.300 | 960.50.375 | .21 251 | 960.50.300 | 960.50.375 | .21 253 | 960.50.300 | 960.50.375 | .21 243 | 960.50.300 | 960.50.375 | .18 218 | 960.50.275 | 960.50.350 | .18 227 | 960.50.275 | 960.50.350 |
| .22 263 | 960.50.325 | 960.50.400 | .22 263 | 960.50.325 | 960.50.400 | .22 265 | 960.50.325 | 960.50.400 | .22 255 | 960.50.325 | 960.50.375 | .20 230 | 960.50.300 | 960.50.350 | .20 240 | 960.50.300 | 960.50.375 |
| .23 276 | 960.50.325 | 960.50.400 | .23 276 | 960.50.325 | 960.50.400 | .23 278 | 960.50.325 | 960.50.400 | .23 268 | 960.50.325 | 960.50.400 | .21 243 | 960.50.300 | 960.50.375 | .21 252 | 960.50.300 | 960.50.375 |
| .25 288 | 960.50.350 | 960.50.425 | .25 288 | 960.50.350 | 960.50.425 | .25 290 | 960.50.350 | 960.50.425 | .25 280 | 960.50.350 | 960.50.400 | .23 255 | 960.50.325 | 960.50.375 | .23 265 | 960.50.325 | 960.50.400 |
| .26 301 | 960.50.350 | 960.50.425 | .26 301 | 960.50.350 | 960.50.425 | .26 303 | 960.50.350 | 960.50.425 | .26 293 | 960.50.350 | 960.50.425 | .23 268 | 960.50.325 | 960.50.400 | .23 277 | 960.50.325 | 960.50.400 |
| .27 313 | 960.50.375 | 960.50.450 | .27 313 | 960.50.375 | 960.50.450 | .27 315 | 960.50.375 | 960.50.450 | .27 305 | 960.375 | 960.50.425 | .25 280 | 960.50.350 | 960.50.400 | .25 290 | 960.50.350 | 960.50.425 |
| .28 326 | 960.50.375 | 960.50.450 | .28 326 | 960.50.375 | 960.50.450 | .28 328 | 960.50.375 | 960.50.450 | .28 318 | 960.50.375 | 960.50.450 | .26 293 | 960.50.350 | 960.50.425 | .26 302 | 960.50.350 | 960.50.425 |
| .30 338 | 960.50.400 | 960.50.475 | .30 338 | 960.50.400 | 960.50.475 | .30 340 | 960.50.400 | 960.50.475 | .30 330 | 960.50.400 | 960.50.450 | .28 305 | 960.50.375 | 960.50.425 | .28 315 | 960.50.375 | 960.50.450 |
| .31 351 | 960.50.400 | 960.50.475 | .31 351 | 960.50.400 | 960.50.475 | .31 353 | 960.50.400 | 960.50.475 | .31 343 | 960.50.400 | 960.50.475 | .29 318 | 960.50.375 | 960.50.450 | .29 327 | 960.50.375 | 960.50.450 |
| .32 363 | 960.50.425 | 960.50.500 | .32 363 | 960.50.425 | 960.50.500 | .32 365 | 960.50.425 | 960.50.500 | .32 355 | 960.50.425 | 960.50.475 | .30 330 | 960.50.400 | 960.50.450 | .30 340 | 960.50.400 | 960.50.475 |
| .33 376 | 960.50.425 | 960.50.500 | .33 376 | 960.50.425 | 960.50.500 | .33 378 | 960.50.425 | 960.50.500 | .33 368 | 960.50.425 | 960.50.500 | .31 234 | 960.50.400 | 960.50.475 | .31 235 | 960.50.400 | 960.50.475 |
| .35 388 | 960.50.450 | 960.50.525 | .35 388 | 960.50.450 | 960.50.525 | .35 390 | 960.50.450 | 960.50.525 | .35 380 | 960.50.450 | 960.50.500 | .32 355 | 960.50.425 | 960.50.475 | .32 365 | 960.50.425 | 960.50.500 |
| .36 401 | 960.50.450 | 960.50.525 | .36 401 | 960.50.450 | 960.50.525 | .36 403 | 960.50.450 | 960.50.525 | .36 393 | 960.50.450 | 960.50.525 | .33 376 | 960.50.425 | 960.50.500 | .33 377 | 960.50.425 | 960.50.500 |
| .37 413 | 960.50.475 | 960.50.550 | .37 413 | 960.50.475 | 960.50.550 | .37 415 | 960.50.475 | 960.50.550 | .37 405 | 960.50.475 | 960.50.525 | .35 390 | 960.50.450 | 960.50.500 | .35 393 | 960.50.450 | 960.50.525 |
| .38 426 | 960.50.475 | 960.50.550 | .38 426 | 960.50.475 | 960.50.550 | .38 428 | 960.50.475 | 960.50.550 | .38 418 | 960.50.475 | 960.50.550 | .36 233 | 960.50.450 | 960.50.525 | .36 242 | 960.50.450 | 960.50.525 |
| .40 438 | 960.50.500 | 960.50.575 | .40 438 | 960.50.500 | 960.50.575 | .40 440 | 960.50.500 | 960.50.575 | .40 430 | 960.50.500 | 960.50.550 | .37 405 | 960.50.475 | 960.50.525 | .37 415 | 960.50.475 | 960.50.550 |
| .41 451 | 960.50.500 | 960.50.575 | .41 451 | 960.50.500 | 960.50.575 | .41 453 | 960.50.500 | 960.50.575 | .41 443 | 960.50.500 | 960.50.575 | .38 418 | 960.50.475 | 960.50.525 | .38 427 | 960.50.475 | 960.50.550 |
| .42 463 | 960.50.525 | 960.50.600 | .42 463 | 960.50.525 | 960.50.600 | .42 465 | 960.50.525 | 960.50.600 | .42 455 | 960.50.525 | 960.50.575 | .39 430 | 960.50.500 | 960.50.550 | .39 440 | 960.50.500 | 960.50.575 |
| .43 476 | 960.50.525 | 960.50.600 | .43 476 | 960.50.525 | 960.50.600 | .43 478 | 960.50.525 | 960.50.600 | .43 468 | 960.50.525 | 960.50.600 | .40 438 | 960.50.500 | 960.50.575 | .40 448 | 960.50.500 | 960.50.575 |
| .45 488 | 960.50.550 | 960.50.625 | .45 488 | 960.50.550 | 960.50.625 | .45 490 | 960.50.550 | 960.50.625 | .45 480 | 960.50.550 | 960.50.600 | .41 451 | 960.50.500 | 960.50.575 | .41 461 | 960.50.500 | 960.50.575 |
| .46 501 | 960.50.550 | 960.50.625 | .46 501 | 960.50.550 | 960.50.625 | .46 503 | 960.50.550 | 960.50.625 | .46 493 | 960.50.550 | 960.50.625 | .42 463 | 960.50.525 | 960.50.600 | .42 473 | 960.50.525 | 960.50.625 |
| .47 513 | 960.50.575 | 960.50.650 | .47 513 | 960.50.575 | 960.50.650 | .47 515 | 960.50.575 | 960.50.650 | .47 505 | 960.50.575 | 960.50.625 | .43 476 | 960.50.525 | 960.50.600 | .43 486 | 960.50.525 | 960.50.625 |
| .48 526 | 960.50.575 | 960.50.650 | .48 526 | 960.50.575 | 960.50.650 | .48 528 | 960.50.575 | 960.50.650 | .48 518 | 960.50.575 | 960.50.650 | .44 488 | 960.50.550 | 960.50.625 | .44 498 | 960.50.550 | 960.50.625 |
| .50 538 | 960.50.600 | 960.50.675 | .50 538 | 960.50.600 | 960.50.675 | .50 540 | 960.50.600 | 960.50.675 | .50 530 | 960.50.600 | 960.50.650 | .45 499 | 960.50.550 | 960.50.625 | .45 509 | 960.50.550 | 960.50.625 |
| .51 551 | 960.50.600 | 960.50.675 | .51 551 | 960.50.600 | 960.50.675 | .51 553 | 960.50.600 | 960.50.675 | .51 543 | 960.50.600 | 960.50.675 | .46 501 | 960.50.550 | 960.50.625 | .46 511 | 960.50.550 | 960.50.625 |
| .52 563 | 960.50.625 | 960.50.700 | .52 563 | 960.50.625 | 960.50.700 | .52 565 | 960.50.625 | 960.50.700 | .52 555 | 960.50.625 | 960.50.675 | .47 505 | 960.50.575 | 960.50.625 | .47 515 | 960.50.575 | 960.50.625 |
| .53 576 | 960.50.625 | 960.50.700 | .53 576 | 960.50.625 | 960.50.700 | .53 578 | 960.50.625 | 960.50.700 | .53 568 | 960.50.625 | 960.50.675 | .48 513 | 960.50.575 | 960.50.625 | .48 523 | 960.50.575 | 960.50.625 |
| .55 588 | 960.50.650 | 960.50.725 | .55 588 | 960.50.650 | 960.50.725 | .55 590 | 960.50.650 | 960.50.725 | .55 580 | 960.50.650 | 960.50.700 | .49 526 | 960.50.575 | 960.50.625 | .49 536 | 960.50.575 | 960.50.625 |
| .60 638 | 960.50.700 | 960.50.775 | .60 638 | 960.50.700 | 960.50.775 | .60 640 | 960.50.700 | 960.50.775 | .60 630 | 960.50.700 | 960.50.750 | | | | | | |

*upon request

"Heavy Duty" Version | Installation set Part No. 974.50



- Components, trough "Heavy Duty": ① Trough side parts, aluminum, 2 m ② Glide bar, plastic, 2 m ③ Glide strips, plastic 2 m (without glide strips on request) ⑩ Optional: Silencer profile, rubber
- Components, installation set "Heavy Duty": ⑤ C-profile, steel galvanized ⑦ Sliding nut M8 ⑧ Heavy duty bracket, aluminum ⑪ Screw M8 x 25

Note: Dimensions similar to Basic version!

Exception: Heavy duty bracket, see drawing



- = Guide trough
- = Glide bar
- = Installation set "Heavy duty"
- = C-profile

Insert for the installation set "Heavy-Duty": **974.50.XXX** instead of **960.50.XXX** on the right column "attached outwards"

"Heavy Duty" installation set Part No. **974.50.200**

! The inner width of the guide through and the length of the C-Profile of the assembly kit can differ according to the bracket you choose. Please call us!