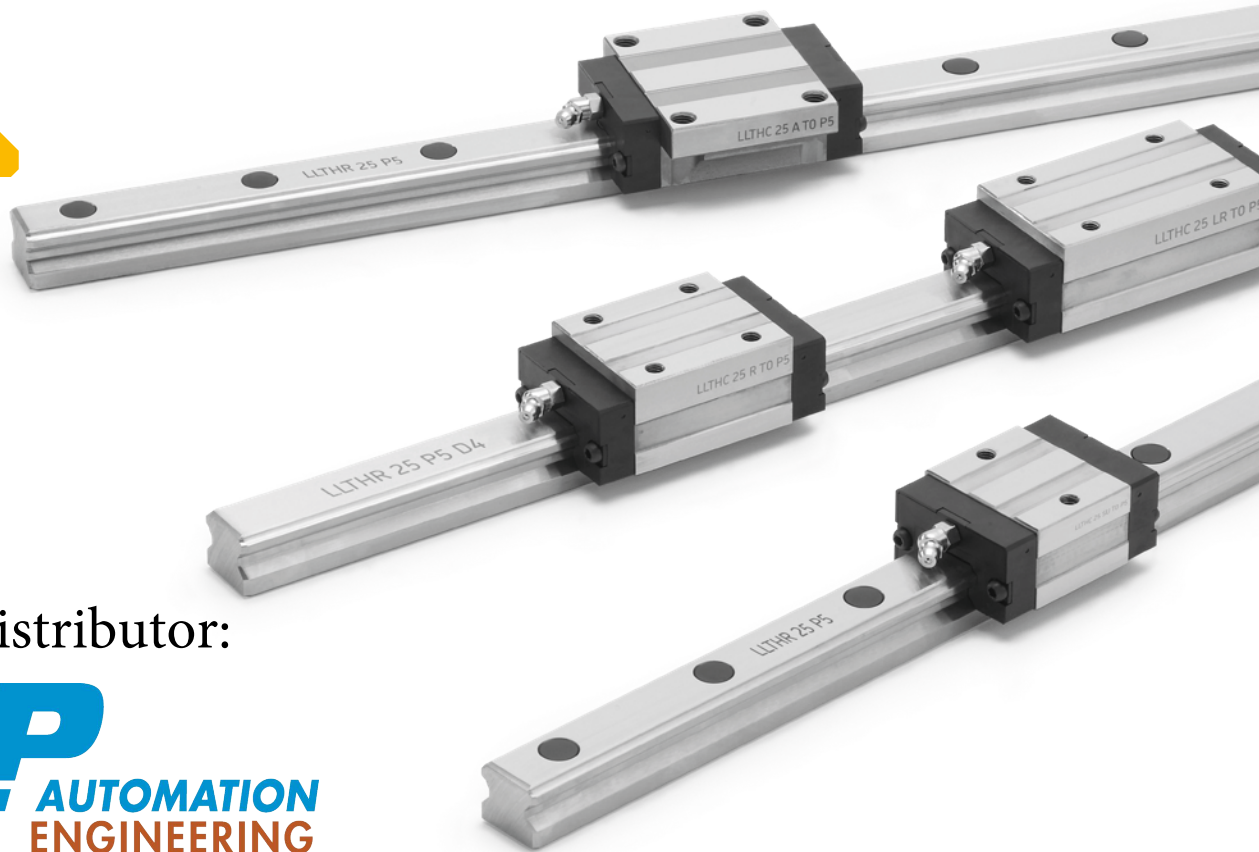


Profile rail guides

Ewellix profile rail guide interchangeable series



Your local distributor:

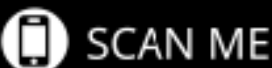


For more information contact us at 1-800-313-4753 or visit ewellix.com

To use our online interchange tool, please visit www.ewellix.com/en/us/product-selectors



To request a quote or for help on your next project, scan the code to the left with your device's camera.



Benefits

- 2-3 day turn around for up to two rails and four carriages on any specified length for P3 and P5 stocked items only.
- No set-up fee.
- Complete range of Ewellix standard carriages and rails in stock.
- Ask your Ewellix representative about flexible stocking program for specific customer needs.

Add one day for truck shipment (weight or length restrictions may apply).

** Valid for rail cut to length, P3 and P5 stocked items only. Joined rail available upon request.*

Corrosion resistant rails and carriages available upon request.

Interchange

| EWELLIX | THK | THOMSON | HIWIN | |
|---|---|--|---|---|
| Carriage part number LLTHC 20 A- T1 P3 1 2 3 7 6 Rail part number LLTHR 20 XXXX P3 1 2 4 6 Assembly part number LLTHS 20 A 2 T1- XXXX P3 1 2 3 5 7 4 6 | Carriage part number HSR 20 A SS 1 2 3 8 Rail part number HSR 20 + XXXXL H 1 2 4 6 Assembly part number HRS 20 A 2 SS C1 XXXXL H 1 2 3 5 8 7 4 6 | Carriage part number 511 H 20 A 1 1 6 2 3 7 Rail part number 521 H 20 AXXXX 1 6 2 4 Assembly part number N/A | 2-ball Carriage part number AGW 20 CA Z1 H 1 2 3 7 6 Rail part number AGR 20 RXXXX H 1 2 4 6 Assembly part number AGW 20 CA 2 RXXXX Z1 H 1 2 3 5 4 7 6 | 4-ball Carriage part number HGW 20 CA ZA H 1 2 3 7 6 Rail part number HGR 20 RXXXX H 1 2 4 6 Assembly part number HGW 20 CA 2 RXXXX Z1 H 1 2 3 5 4 7 6 |

Please note: when substituting products, both rails and carriages will need to be interchanged.

Linear guide series – 1

| EWELLIX | THK | THOMSON | HIWIN |
|---------|-----|---------|---------------|
| | | | 2-ball 4-ball |
| LLTH | HSR | 511 | LG HG |
| LLTH | SR | - | AG - |

Linear guide size – 2

| EWELLIX | THK | THOMSON | HIWIN |
|----------|--------|---------|-----------------------|
| | | | 2-ball 4-ball |
| LLTH 15 | HSR 15 | 511 15 | LGW/LGH 15 HGW/HGH 15 |
| LLTH 20 | HSR 20 | 511 20 | LGW/LGH 20 HGW/HGH 20 |
| LLTH 25 | HSR 25 | 511 25 | LGW/LGH 25 HGW/HGH 25 |
| LLTH 30 | HSR 30 | 511 30 | LGW/LGH 30 HGW/HGH 30 |
| LLTH 35 | HSR 35 | 511 35 | LGW/LGH 35 HGW/HGH 35 |
| LLTH 40 | HSR 40 | 511 40 | LGW/LGH 40 HGW/HGH 40 |
| LLTH 45 | HSR 45 | 511 45 | LGW/LGH 45 HGW/HGH 45 |
| LLTH 15 | SR 15 | - | AGH 15 EG 15 |
| LLTH 20* | SR 20 | - | AGH 20 EG 20 |
| LLTH 25* | SR 25 | - | AGH 25 EG 25 |
| LLTH 30 | SR 30 | - | AGH 30 EG 30 |
| LLTH 35 | SR 35 | - | AGH 35 - |
| LLTH 40 | SR 40 | - | AGH 40 - |
| LLTH 45 | SR 45 | - | AGH 45 - |

Ewellix can also offer a dimensional equivalent to the SHS and SSR series from THK.

Linear guide carriage styles – 3

| LLTHC Series | | | | |
|----------------|------------------|---------|------------|---------------|
| EWELLIX | THK | THOMSON | HIWIN | |
| | | | | 2-ball 4-ball |
| LLTHC ## A | HSR ## TA/CA/A | 511 A | LGW ## CA | HGW ## CA |
| LLTHC ## A | HSR ## TB/CB/B | 511 A | LGW ## CB | HGW ## CB |
| LLTHC ## LA | HSR ## LA/LA/HTA | 511 B | LGW ## HA | HGW ## HA |
| LLTHC ## LA | HSR ## LB/HB/HTB | 511 B | LGW ## HB | HGW ## HB |
| LLTHC ## R | HSR ## R/TR/CR | 511 E | LGH ## CA | HGH ## CA |
| LLTHC ## LR | HSR ## LR/HTR/HR | 511 F | LGH ## HA | HGH ## HA |
| Compact series | | | | |
| LLTHC ## U | SR ## W* | 511 C | AGH ## CA* | EGH ## CA* |
| LLTHC ## SU | SR ## V* | - | AGH ## SA* | EGH ## SA* |

*Contact Ewellix for dimensional difference on sizes 20 & 25.

ewellix.com

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Rail length – 4

| | |
|---------|------------------|
| EWELLIX | LLTHR ## XXXX P5 |
| THK | HSR ## + XXXXL |
| THOMSON | 521H ## AXXXX |
| HIWIN | HGR ## RXXXXC |

| | |
|---------|------------------|
| EWELLIX | LLTHR ## XXXX P5 |
| THK | SR ## + XXXXL |
| THOMSON | 521H ## AXXXX |
| HIWIN | AGR ## RXXXXC |

Carriages per rail – 5

Number following carriage style = number of carriages per rail

Accuracy class – 6

| EWELLIX | THK | THOMSON | HIWIN |
|---------|-----|---------|-------|
| P5 | - | N | C |
| P3 | H | H | H |
| P1 | P | P | P |

Preload – 7

| EWELLIX | THK | THOMSON | HIWIN |
|---------|-----|---------|---------------|
| | | | 2-ball 4-ball |
| T0 | - | 0 | Z0 Z0 |
| T1 | C1 | 1 | Z1 ZA |
| T2 | C0 | 2 | Z2 ZB |

Seals – 8

| | |
|---------|--|
| EWELLIX | Standard with end, side and bottom seals |
| THK | SS – end/bottom seals UU – end seals |
| THOMSON | Standard with end and bottom seals |
| HIWIN | Standard with end and bottom seals |

Lubrication systems

| | |
|---------|---|
| EWELLIX | Internal foam insert standard in every carriage |
| THK | QZ lubrication system is external to the carriage |
| THOMSON | LL lubrication system is external to the carriage |
| HIWIN | E2 lubrication system is external to the carriage |