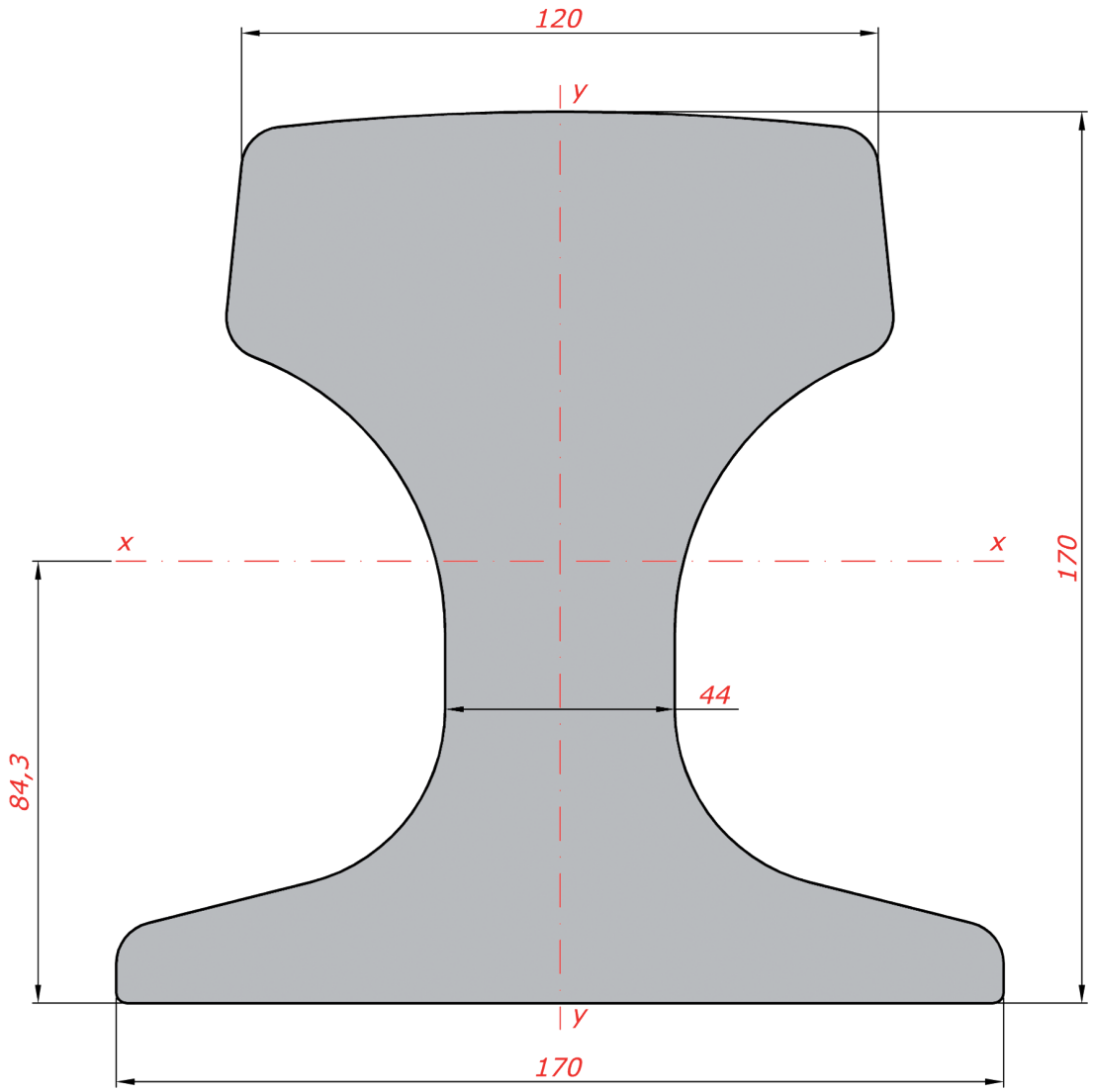
**Headquarters:**
Via Don Minzoni, 06
20020 Lainate - MI - Italy
Tel: +39 02.93799212 - Fax: +39 02.93799349
www.valente.it - info@valente.it
Skype: valentespa

**Registered office:**
P.zza S. Ambrogio, 1
20123 Milan - MI - Italy
Tel: +39 02.93799212 - Fax: +39 02.93799349
www.valente.it - info@valente.it
Skype: valentespa

**Administrative offices and warehouse:**
Via Don Sturzo, 20
20020 Lainate - MI - Italy
Tel: +39 02.93799212 - Fax: +39 02.93799349
www.valente.it - info@valente.it
Skype: valentespa

**Middle East branch:**
VALENTE ME FZCO - Jebel Ali Free Zone – Dubai
P.O. Box 263179 - United Arab Emirates
Tel.: +971.4.8870411 - Fax: +971.4.8870412
www.valenteme.ae - info@valenteme.ae






| | | |
|---|---|---|
| MASS | 118,1 | kg/m |
| AREA | 150,44 | $cm^2$ |
| MOMENT OF INERTIA x-x | 4923,79 | $cm^4$ |
| MOMENT OF INERTIA y-y | 1694,83 | $cm^4$ |
| SECTION MODULUS x-x - HEAD | 574,54 | $cm^3$ |
| SECTION MODULUS x-x - BASE | 584,08 | $cm^3$ |
| SECTION MODULUS y-y | 199,39 | $cm^3$ |

VALENTE SPA SINCE 1919

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# SUITABLE FASTENING SYSTEM FOR RAIL QU 120

## INDIRECT FIXING

### WITHOUT PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|---|---|---|---|---|
| VALEX 1004 | 10 | 60 | 175 | VALEX 1004-33-22 |
| VALEX 3016 | - | - | - | - |
| VALEX 3116 | - | 80 | 175 | VALEX 3116-28-5 |
| VALEX 5016 | - | - | - | - |
| VALEX 5020 | 14 | 100 | 275 | VALEX 5020-42-13 |
| VALEX 5024 | 20 | 150 | 500 | VALEX 5024-40-16 |
| VALEX 5116 | - | - | - | - |
| VALEX 5120 | 14 | 200 | 275 | VALEX 5120-43-13 |
| VALEX 5124 | 20 | 270 | 500 | VALEX 5124-40-16 |
| VALEX 9022 | - | 150 | 420 | VALEX 9022 |

### WITH PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|---|---|---|---|---|
| VALEX 1004 | - | - | - | - |
| VALEX 3016 | - | - | - | - |
| VALEX 3116 | - | - | - | - |
| VALEX 5016 | - | - | - | - |
| VALEX 5020 | 14 | 100 | 275 | VALEX 5020-42-20 |
| VALEX 5024 | 20 | 150 | 500 | VALEX 5024-50-21 |
| VALEX 5116 | - | - | - | - |
| VALEX 5120 | 14 | 200 | 275 | VALEX 5120-43-20 |
| VALEX 5124 | 20 | 270 | 500 | VALEX 5124-42-21 |
| VALEX 9022 | - | - | - | - |

## DIRECT FIXING

### WITHOUT PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|---|---|---|---|---|
| VALEX 2012 | - | - | - | - |
| VALEX 2016 | - | - | - | - |
| VALEX 2020 | - | - | - | - |
| VALEX 2024 | 15 | 125 | 550 | VALEX 2024-42-13 |
| VALEX 2124 | 15 | 225 | 550 | VALEX 2124-42-13 |
| VALEX 4000 | - | 95 | 550 | VALEX 4028 |
| VALEX 6024 | - | - | - | - |
| VALEX 7020 | 10 | 75 | 320 | VALEX 7020-40-15 |
| VALEX F | - | - | - | - |
| VALEX D | - | - | - | - |
| VALEX D/M | - | - | - | - |

### WITH PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|---|---|---|---|---|
| VALEX 2012 | - | - | - | - |
| VALEX 2016 | - | - | - | - |
| VALEX 2020 | - | - | - | - |
| VALEX 2024 | 15 | 125 | 550 | VALEX 2024-42-18 |
| VALEX 2124 | 15 | 225 | 550 | VALEX 2124-42-18 |
| VALEX 4000 | - | - | - | - |
| VALEX 6024 | 15 | 135 | 550 | VALEX 6024-50-27 |
| VALEX 7020 | 10 | 75 | 320 | VALEX 7020-47-17 |
| VALEX F | - | - | - | - |
| VALEX D | - | - | - | - |
| VALEX D/M | - | - | - | - |