

# HIKO P

Technical *specifications*



**PIVIUK** BEYOND  
THE GLIDE

## TECHNICAL SPECIFICATIONS

|                               |           |                | 20       | 22       | 24       | 26       | 28       |
|-------------------------------|-----------|----------------|----------|----------|----------|----------|----------|
| <b>CELLS</b>                  | NUMBER    |                | 55       | 55       | 55       | 55       | 55       |
| <b>ASPECT RATIO</b>           | FLAT      |                | 5,5      | 5,5      | 5,5      | 5,5      | 5,5      |
|                               | PROJECTED |                | 4,18     | 4,18     | 4,18     | 4,18     | 4,18     |
| <b>AREA</b>                   | FLAT      | m <sup>2</sup> | 20,5     | 21,8     | 23,8     | 25,8     | 27,8     |
|                               | PROJECTED | m <sup>2</sup> | 17,51    | 18,62    | 20,33    | 22,04    | 23,75    |
| <b>SPAN</b>                   | FLAT      | m              | 10,62    | 10,95    | 11,44    | 11,91    | 12,37    |
| <b>CHORD</b>                  | MAX       | m              | 2,38     | 2,45     | 2,56     | 2,66     | 2,77     |
| <b>LINES</b>                  | TOTAL     | m              | 220      | 227      | 238      | 248      | 258      |
|                               | MAIN      |                | 2-1/3/2  | 2-1/3/2  | 2-1/3/2  | 2-1/3/2  | 2-1/3/2  |
| <b>RISERS</b>                 | NUMBER    |                | A-A'/B/C | A-A'/B/C | A-A'/B/C | A-A'/B/C | A-A'/B/C |
|                               | SPEED-BAR | mm             | 145      | 145      | 180      | 180      | 180      |
| <b>GLIDER WEIGHT</b>          |           | kg             | 2,99     | 3,14     | 3,32     | 3,51     | 3,67     |
| <b>TOTAL WEIGHT IN FLIGHT</b> | MIN-MAX   | kg             | 50-75    | 65-85    | 75-95    | 85-105   | 95-115   |
| <b>CERTIFICATION</b>          |           |                | EN/LTF B | EN/LTF B | EN/LTF B | EN/LTF B | EN/LTF B |

The total weight of the wing may differ ±2% due to variations in the weight of the fabric supplied by the manufacturers.



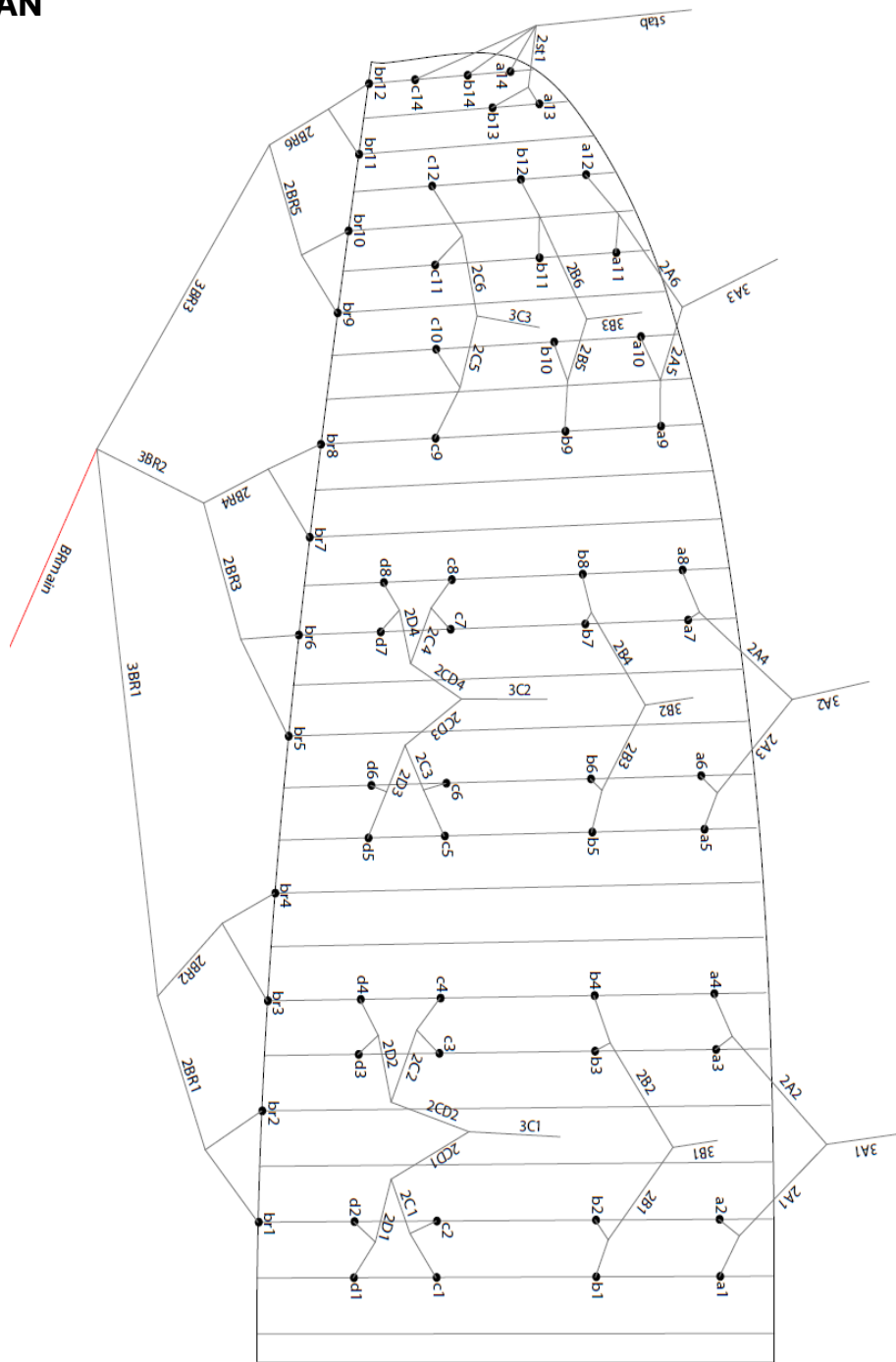
# MATERIALS

| CANOPY                      | FABRIC CODE            | SUPPLIER                                      |
|-----------------------------|------------------------|---|
| UPPER SURFACE               | 2044 32 PS / N10       | DOMINICO TEX CO (KOREA)                       |
| BOTTOM SURFACE              | N10                    | DOMINICO TEX CO (KOREA)                       |
| PROFILES                    | 70000 E91 / 2044 32 FM | PORCHER IND (FRANCE)/ DOMINICO TEX CO (KOREA) |
| DIAGONALS                   | 70000 E91 / 2044 32 FM | PORCHER IND (FRANCE)/ DOMINICO TEX CO (KOREA) |
| LOOPS                       | LKI - 12               | KOLON IND. (KOREA)                            |
| REINFORCEMENT LOOPS         | RIPSTOP FABRIC         | DOMINICO TEX CO (KOREA)                       |
| TRAILING EDGE REINFORCEMENT | MYLAR                  | D-P (GERMANY)                                 |
| RIBS REINFORCEMENT          | LTN-0.8/0.5 STICK      | SPORTWARE CO.CHINA                            |
| THREAD                      | SERAFIL 60             | AMAN (GERMANY)                                |

| SUSPENSION LINES | FABRIC CODE  | SUPPLIER             |
|------------------|--------------|----------------------|
| UPPER CASCADES   | A-8001/U 50  | EDELRID (GERMANY)    |
| UPPER CASCADES   | A-8001/U 70  | EDELRID (GERMANY)    |
| UPPER CASCADES   | DC - 40      | LIROS GMHB (GERMANY) |
| UPPER CASCADES   | DC - 60      | LIROS GMHB (GERMANY) |
| UPPER CASCADES   | DC - 100     | LIROS GMHB (GERMANY) |
| MIDDLE CASCADES  | A-8001/U 50  | EDELRID (GERMANY)    |
| MIDDLE CASCADES  | A-8001/U 70  | EDELRID (GERMANY)    |
| MIDDLE CASCADES  | A-8001/U 90  | EDELRID (GERMANY)    |
| MIDDLE CASCADES  | A-8001/U 130 | EDELRID (GERMANY)    |
| MIDDLE CASCADES  | DC - 60      | LIROS GMHB (GERMANY) |
| MAIN             | A-8001/U 90  | EDELRID (GERMANY)    |
| MAIN             | A-8001/U 130 | EDELRID (GERMANY)    |
| MAIN             | A-8001/U 190 | EDELRID (GERMANY)    |
| MAIN             | A-8001/U 230 | EDELRID (GERMANY)    |
| MAIN BREAK       | TARAX-240    | EDELRID (GERMANY)    |
| THREAD           | SERAFIL 60   | AMAN (GERMANY)       |

| RISERS          | FABRIC CODE | SUPPLIER               |
|-----------------|-------------|------------------------|
| MATERIAL        | 3455        | COUSIN (FRANCE)        |
| COLOR INDICATOR | 210D        | TECNI SANGLES (FRANCE) |
| THREAD          | V138        | COATS (ENGLAND)        |
| PULLEYS         | SB15        | RONSTAN (AUSTRALIA)    |

# LINE PLAN



## LINE REPLACEMENT

The use of new high performance materials in modern wings is now common. The advantages of using these materials in terms of performance are widely acknowledged as part of our sport's evolution. However, along with those technological advances come additional responsibilities which cannot be avoided. As a result, line inspection and replacement must be carried out more frequently. That increased frequency appears to be encouraging some pilots to try to perform line replacement themselves.

**WE STRONGLY RECOMMEND ANY LINE REPLACEMENT IS PERFORMED BY AN AUTHORISED SPECIALIST ONLY.**

Ultimately, if the pilot decides to perform any line replacement without professional oversight they therefore assume all responsibility. In this case, these guidelines will have to be followed.

### BEFORE REMOVING ANY LINES, CHECK:

- That the line plan is correct according to the glider model and size.
- That the line kit is complete and correct.
- Never assume but always check each individual line for the correct specification.

### AFTER CONFIRMING THAT ALL LINES ARE CORRECT:

- Fit the new line(s) WITHOUT removing the label.
- Once replaced, measure each line length to confirm the correct measurement.
- Inflate the wing to check for any irregularities.
- The line labels may then be removed but NOT BEFORE completion of the line replacement.

Niviuk strongly recommends for any line replacement to be carried out by an authorised professional only, and will not accept responsibility for any damage or injury caused as a result of incorrect re-assembly.

# RISER PLAN



# COLORS



|                 |              |       |                 |       |
|-----------------|--------------|-------|-----------------|-------|
| <b>FLAMINGO</b> | <b>UPPER</b> | PINK  | <b>LOWER</b>    | WHITE |
|                 | <b>TOP 1</b> | GOLD  | <b>BOTTOM 1</b> | PINK  |
|                 | <b>TOP 2</b> | WHITE | <b>BOTTOM 2</b> | GOLD  |



|               |              |            |                 |            |
|---------------|--------------|------------|-----------------|------------|
| <b>CITRIK</b> | <b>UPPER</b> | LIME       | <b>LOWER</b>    | WHITE      |
|               | <b>TOP 1</b> | WHITE      | <b>BOTTOM 1</b> | LIME       |
|               | <b>TOP 2</b> | SLATE BLUE | <b>BOTTOM 2</b> | SLATE BLUE |



|              |              |            |                 |            |
|--------------|--------------|------------|-----------------|------------|
| <b>TEKNO</b> | <b>UPPER</b> | SLATE BLUE | <b>LOWER</b>    | WHITE      |
|              | <b>TOP 1</b> | WHITE      | <b>BOTTOM 1</b> | SLATE BLUE |
|              | <b>TOP 2</b> | GOLD       | <b>BOTTOM 2</b> | GOLD       |

# WING LOAD

## HIKO P

| 20     |        | 22     |        | 24     |        | 26     |        | 28     |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| P.T.V. | KG/M2  | P.T.V. | KG/M2  | P.T.V. | KG/M2  | P.T.V. | KG/M2  | P.T.V. | KG/M2  |
| 55     | = 2,68 | 65     | = 2,98 | 75     | = 3,15 | 85     | = 3,29 | 95     | = 3,42 |
| 56     | = 2,73 | 66     | = 3,03 | 76     | = 3,19 | 86     | = 3,33 | 96     | = 3,45 |
| 57     | = 2,78 | 67     | = 3,07 | 77     | = 3,24 | 87     | = 3,37 | 97     | = 3,49 |
| 58     | = 2,83 | 68     | = 3,12 | 78     | = 3,28 | 88     | = 3,41 | 98     | = 3,53 |
| 59     | = 2,88 | 69     | = 3,17 | 79     | = 3,32 | 89     | = 3,45 | 99     | = 3,56 |
| 60     | = 2,93 | 70     | = 3,21 | 80     | = 3,36 | 90     | = 3,49 | 100    | = 3,60 |
| 61     | = 2,98 | 71     | = 3,26 | 81     | = 3,40 | 91     | = 3,53 | 101    | = 3,63 |
| 62     | = 3,02 | 72     | = 3,30 | 82     | = 3,45 | 92     | = 3,57 | 102    | = 3,67 |
| 63     | = 3,07 | 73     | = 3,35 | 83     | = 3,49 | 93     | = 3,60 | 103    | = 3,71 |
| 64     | = 3,12 | 74     | = 3,39 | 84     | = 3,53 | 94     | = 3,64 | 104    | = 3,74 |
| 65     | = 3,17 | 75     | = 3,44 | 85     | = 3,57 | 95     | = 3,68 | 105    | = 3,78 |
| 66     | = 3,22 | 76     | = 3,49 | 86     | = 3,61 | 96     | = 3,72 | 106    | = 3,81 |
| 67     | = 3,27 | 77     | = 3,53 | 87     | = 3,66 | 97     | = 3,76 | 107    | = 3,85 |
| 68     | = 3,32 | 78     | = 3,58 | 88     | = 3,70 | 98     | = 3,80 | 108    | = 3,88 |
| 69     | = 3,37 | 79     | = 3,62 | 89     | = 3,74 | 99     | = 3,84 | 109    | = 3,92 |
| 70     | = 3,41 | 80     | = 3,67 | 90     | = 3,78 | 100    | = 3,88 | 110    | = 3,96 |
| 71     | = 3,46 | 81     | = 3,72 | 91     | = 3,82 | 101    | = 3,91 | 111    | = 3,99 |
| 72     | = 3,51 | 82     | = 3,76 | 92     | = 3,87 | 102    | = 3,95 | 112    | = 4,03 |
| 73     | = 3,56 | 83     | = 3,81 | 93     | = 3,91 | 103    | = 3,99 | 113    | = 4,06 |
| 74     | = 3,61 | 84     | = 3,85 | 94     | = 3,95 | 104    | = 4,03 | 114    | = 4,10 |
| 75     | = 3,66 | 85     | = 3,90 | 95     | = 3,99 | 105    | = 4,07 | 115    | = 4,14 |

# LINES

## HIKO P - 20

| ref.     | mat.   | kg  | color | mm   |
|----------|--------|-----|-------|------|
| <b>A</b> |        |     |       |      |
| a1       | DC     | 100 | WHT   | 313  |
| a2       | DC     | 60  | WHT   | 266  |
| a3       | DC     | 60  | WHT   | 275  |
| a4       | DC     | 60  | WHT   | 299  |
| a5       | DC     | 60  | WHT   | 291  |
| a6       | DC     | 60  | WHT   | 249  |
| a7       | DC     | 60  | WHT   | 252  |
| a8       | DC     | 60  | WHT   | 266  |
| a9       | 8001/U | 70  | ORG   | 559  |
| a10      | 8001/U | 50  | ORG   | 461  |
| a11      | 8001/U | 50  | ORG   | 541  |
| a12      | 8001/U | 50  | ORG   | 518  |
| a13      | 8001/U | 50  | ORG   | 628  |
| a14      | 8001/U | 50  | ORG   | 1301 |

|      |        |     |     |      |
|------|--------|-----|-----|------|
| 2A1  | 8001/U | 130 | ORG | 1868 |
| 2A2  | 8001/U | 130 | ORG | 1822 |
| 2A3  | 8001/U | 130 | ORG | 1714 |
| 2A4  | 8001/U | 90  | ORG | 1662 |
| 2A5  | 8001/U | 90  | ORG | 1225 |
| 2A6  | 8001/U | 90  | ORG | 1054 |
| 2st1 | 8001/U | 90  | ORG | 749  |

|     |        |     |     |      |
|-----|--------|-----|-----|------|
| 3A1 | 8001/U | 230 | ORG | 3847 |
| 3A2 | 8001/U | 190 | ORG | 3913 |
| 3A3 | 8001/U | 190 | ORG | 3959 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>B</b> |        |    |       |      |
| b1       | DC     | 60 | WHT   | 309  |
| b2       | DC     | 60 | WHT   | 263  |
| b3       | DC     | 60 | WHT   | 271  |
| b4       | DC     | 60 | WHT   | 296  |
| b5       | DC     | 60 | WHT   | 286  |
| b6       | DC     | 40 | WHT   | 247  |
| b7       | DC     | 40 | WHT   | 246  |
| b8       | DC     | 60 | WHT   | 263  |
| b9       | 8001/U | 50 | BLUE  | 538  |
| b10      | 8001/U | 50 | BLUE  | 455  |
| b11      | 8001/U | 50 | BLUE  | 507  |
| b12      | 8001/U | 50 | BLUE  | 498  |
| b13      | 8001/U | 50 | ORG   | 610  |
| b14      | 8001/U | 50 | ORG   | 1303 |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 2B1 | 8001/U | 130 | BLUE | 1845 |
| 2B2 | 8001/U | 130 | BLUE | 1803 |
| 2B3 | 8001/U | 130 | BLUE | 1683 |
| 2B4 | 8001/U | 90  | BLUE | 1644 |
| 2B5 | 8001/U | 70  | BLUE | 1168 |
| 2B6 | 8001/U | 70  | BLUE | 1042 |

|      |        |     |      |      |
|------|--------|-----|------|------|
| 3B1  | 8001/U | 190 | BLUE | 3776 |
| 3B2  | 8001/U | 190 | BLUE | 3866 |
| 3B3  | 8001/U | 130 | BLUE | 3970 |
| stab | 8001/U | 90  | BLUE | 3965 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>C</b> |        |    |       |      |
| c1       | DC     | 40 | WHT   | 313  |
| c2       | DC     | 40 | WHT   | 250  |
| c3       | DC     | 40 | WHT   | 259  |
| c4       | DC     | 40 | WHT   | 303  |
| c5       | DC     | 40 | WHT   | 291  |
| c6       | DC     | 40 | WHT   | 237  |
| c7       | DC     | 40 | WHT   | 238  |
| c8       | DC     | 40 | WHT   | 269  |
| c9       | 8001/U | 50 | BLUE  | 541  |
| c10      | 8001/U | 50 | BLUE  | 453  |
| c11      | 8001/U | 50 | BLUE  | 506  |
| c12      | 8001/U | 50 | BLUE  | 478  |
| c13      | 8001/U | 50 | ORG   | 1367 |

|      |        |    |      |      |
|------|--------|----|------|------|
| 2C1  | 8001/U | 50 | BLUE | 516  |
| 2C2  | 8001/U | 50 | BLUE | 497  |
| 2C3  | 8001/U | 50 | BLUE | 481  |
| 2C4  | 8001/U | 50 | BLUE | 466  |
| 2C5  | 8001/U | 50 | BLUE | 1204 |
| 2C6  | 8001/U | 50 | BLUE | 1074 |
| 2CD1 | 8001/U | 90 | BLUE | 795  |
| 2CD2 | 8001/U | 90 | BLUE | 774  |
| 2CD3 | 8001/U | 70 | BLUE | 742  |
| 2CD4 | 8001/U | 70 | BLUE | 713  |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 3C1 | 8001/U | 190 | BLUE | 4401 |
| 3C2 | 8001/U | 130 | BLUE | 4414 |
| 3C3 | 8001/U | 90  | BLUE | 3979 |

| ref.     | mat. | kg | color | mm  |
|----------|------|----|-------|-----|
| <b>D</b> |      |    |       |     |
| d1       | DC   | 40 | WHT   | 314 |
| d2       | DC   | 40 | WHT   | 256 |
| d3       | DC   | 40 | WHT   | 267 |
| d4       | DC   | 40 | WHT   | 302 |
| d5       | DC   | 40 | WHT   | 294 |
| d6       | DC   | 40 | WHT   | 236 |
| d7       | DC   | 40 | WHT   | 254 |
| d8       | DC   | 40 | WHT   | 263 |

|     |        |    |      |     |
|-----|--------|----|------|-----|
| 2D1 | 8001/U | 50 | BLUE | 604 |
| 2D2 | 8001/U | 50 | BLUE | 578 |
| 2D3 | 8001/U | 50 | BLUE | 561 |
| 2D4 | 8001/U | 50 | BLUE | 519 |

| ref.         | mat. | kg | color | mm  |
|--------------|------|----|-------|-----|
| <b>BRAKE</b> |      |    |       |     |
| br1          | DC   | 40 | WHT   | 578 |
| br2          | DC   | 40 | WHT   | 282 |
| br3          | DC   | 40 | WHT   | 515 |
| br4          | DC   | 40 | WHT   | 517 |
| br5          | DC   | 40 | WHT   | 530 |
| br6          | DC   | 40 | WHT   | 400 |
| br7          | DC   | 40 | WHT   | 411 |
| br8          | DC   | 40 | WHT   | 473 |
| br9          | DC   | 40 | WHT   | 423 |
| br10         | DC   | 40 | WHT   | 356 |
| br11         | DC   | 40 | WHT   | 289 |
| br12         | DC   | 40 | WHT   | 371 |

|      |    |    |     |      |
|------|----|----|-----|------|
| 2BR1 | DC | 60 | WHT | 906  |
| 2BR2 | DC | 60 | WHT | 555  |
| 2BR3 | DC | 60 | WHT | 762  |
| 2BR4 | DC | 60 | WHT | 708  |
| 2BR5 | DC | 60 | WHT | 510  |
| 2BR6 | DC | 60 | WHT | 561  |
| 3BR1 | DC | 60 | WHT | 2616 |
| 3BR2 | DC | 60 | WHT | 2229 |
| 3BR3 | DC | 60 | WHT | 2332 |

|        |       |     |     |                  |
|--------|-------|-----|-----|------------------|
| BRMAIN | TARAX | 240 | RED | 2936             |
|        |       |     |     | KNOT POINT: 2736 |



# LINES

## HIKO P - 22

| ref.     | mat.   | kg  | color | mm   |
|----------|--------|-----|-------|------|
| <b>A</b> |        |     |       |      |
| a1       | DC     | 100 | WHT   | 322  |
| a2       | DC     | 60  | WHT   | 274  |
| a3       | DC     | 60  | WHT   | 284  |
| a4       | DC     | 60  | WHT   | 308  |
| a5       | DC     | 60  | WHT   | 300  |
| a6       | DC     | 60  | WHT   | 257  |
| a7       | DC     | 60  | WHT   | 259  |
| a8       | DC     | 60  | WHT   | 274  |
| a9       | 8001/U | 70  | ORG   | 576  |
| a10      | 8001/U | 50  | ORG   | 475  |
| a11      | 8001/U | 50  | ORG   | 558  |
| a12      | 8001/U | 50  | ORG   | 535  |
| a13      | 8001/U | 50  | ORG   | 648  |
| a14      | 8001/U | 50  | ORG   | 1342 |

|      |        |     |     |      |
|------|--------|-----|-----|------|
| 2A1  | 8001/U | 130 | ORG | 1926 |
| 2A2  | 8001/U | 130 | ORG | 1880 |
| 2A3  | 8001/U | 130 | ORG | 1767 |
| 2A4  | 8001/U | 90  | ORG | 1715 |
| 2A5  | 8001/U | 90  | ORG | 1263 |
| 2A6  | 8001/U | 90  | ORG | 1087 |
| 2st1 | 8001/U | 90  | ORG | 772  |

|     |        |     |     |      |
|-----|--------|-----|-----|------|
| 3A1 | 8001/U | 230 | ORG | 3984 |
| 3A2 | 8001/U | 190 | ORG | 4055 |
| 3A3 | 8001/U | 190 | ORG | 4104 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>B</b> |        |    |       |      |
| b1       | DC     | 60 | WHT   | 318  |
| b2       | DC     | 60 | WHT   | 272  |
| b3       | DC     | 60 | WHT   | 279  |
| b4       | DC     | 60 | WHT   | 305  |
| b5       | DC     | 60 | WHT   | 295  |
| b6       | DC     | 40 | WHT   | 255  |
| b7       | DC     | 40 | WHT   | 253  |
| b8       | DC     | 60 | WHT   | 271  |
| b9       | 8001/U | 50 | BLUE  | 555  |
| b10      | 8001/U | 50 | BLUE  | 469  |
| b11      | 8001/U | 50 | BLUE  | 523  |
| b12      | 8001/U | 50 | BLUE  | 513  |
| b13      | 8001/U | 50 | ORG   | 629  |
| b14      | 8001/U | 50 | ORG   | 1344 |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 2B1 | 8001/U | 130 | BLUE | 1902 |
| 2B2 | 8001/U | 130 | BLUE | 1861 |
| 2B3 | 8001/U | 130 | BLUE | 1735 |
| 2B4 | 8001/U | 90  | BLUE | 1696 |
| 2B5 | 8001/U | 70  | BLUE | 1205 |
| 2B6 | 8001/U | 70  | BLUE | 1075 |

|      |        |     |      |      |
|------|--------|-----|------|------|
| 3B1  | 8001/U | 190 | BLUE | 3911 |
| 3B2  | 8001/U | 190 | BLUE | 4006 |
| 3B3  | 8001/U | 130 | BLUE | 4116 |
| stab | 8001/U | 90  | BLUE | 4111 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>C</b> |        |    |       |      |
| c1       | DC     | 40 | WHT   | 323  |
| c2       | DC     | 40 | WHT   | 259  |
| c3       | DC     | 40 | WHT   | 266  |
| c4       | DC     | 40 | WHT   | 312  |
| c5       | DC     | 40 | WHT   | 299  |
| c6       | DC     | 40 | WHT   | 246  |
| c7       | DC     | 40 | WHT   | 241  |
| c8       | DC     | 40 | WHT   | 279  |
| c9       | 8001/U | 50 | BLUE  | 558  |
| c10      | 8001/U | 50 | BLUE  | 468  |
| c11      | 8001/U | 50 | BLUE  | 522  |
| c12      | 8001/U | 50 | BLUE  | 493  |
| c13      | 8001/U | 50 | ORG   | 1410 |

|      |        |    |      |      |
|------|--------|----|------|------|
| 2C1  | 8001/U | 50 | BLUE | 532  |
| 2C2  | 8001/U | 50 | BLUE | 513  |
| 2C3  | 8001/U | 50 | BLUE | 483  |
| 2C4  | 8001/U | 50 | BLUE | 477  |
| 2C5  | 8001/U | 50 | BLUE | 1242 |
| 2C6  | 8001/U | 50 | BLUE | 1108 |
| 2CD1 | 8001/U | 90 | BLUE | 820  |
| 2CD2 | 8001/U | 90 | BLUE | 798  |
| 2CD3 | 8001/U | 70 | BLUE | 754  |
| 2CD4 | 8001/U | 70 | BLUE | 728  |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 3C1 | 8001/U | 190 | BLUE | 4555 |
| 3C2 | 8001/U | 130 | BLUE | 4590 |
| 3C3 | 8001/U | 90  | BLUE | 4126 |

| ref.     | mat. | kg | color | mm  |
|----------|------|----|-------|-----|
| <b>D</b> |      |    |       |     |
| d1       | DC   | 40 | WHT   | 323 |
| d2       | DC   | 40 | WHT   | 264 |
| d3       | DC   | 40 | WHT   | 275 |
| d4       | DC   | 40 | WHT   | 311 |
| d5       | DC   | 40 | WHT   | 303 |
| d6       | DC   | 40 | WHT   | 246 |
| d7       | DC   | 40 | WHT   | 252 |
| d8       | DC   | 40 | WHT   | 278 |

|     |        |    |      |     |
|-----|--------|----|------|-----|
| 2D1 | 8001/U | 50 | BLUE | 623 |
| 2D2 | 8001/U | 50 | BLUE | 597 |
| 2D3 | 8001/U | 50 | BLUE | 567 |
| 2D4 | 8001/U | 50 | BLUE | 536 |

| ref.         | mat. | kg | color | mm  |
|--------------|------|----|-------|-----|
| <b>BRAKE</b> |      |    |       |     |
| br1          | DC   | 40 | WHT   | 596 |
| br2          | DC   | 40 | WHT   | 291 |
| br3          | DC   | 40 | WHT   | 531 |
| br4          | DC   | 40 | WHT   | 533 |
| br5          | DC   | 40 | WHT   | 547 |
| br6          | DC   | 40 | WHT   | 413 |
| br7          | DC   | 40 | WHT   | 424 |
| br8          | DC   | 40 | WHT   | 487 |
| br9          | DC   | 40 | WHT   | 436 |
| br10         | DC   | 40 | WHT   | 367 |
| br11         | DC   | 40 | WHT   | 297 |
| br12         | DC   | 40 | WHT   | 383 |

|      |    |    |     |      |
|------|----|----|-----|------|
| 2BR1 | DC | 60 | WHT | 934  |
| 2BR2 | DC | 60 | WHT | 573  |
| 2BR3 | DC | 60 | WHT | 785  |
| 2BR4 | DC | 60 | WHT | 731  |
| 2BR5 | DC | 60 | WHT | 526  |
| 2BR6 | DC | 60 | WHT | 579  |
| 3BR1 | DC | 60 | WHT | 2696 |
| 3BR2 | DC | 60 | WHT | 2299 |
| 3BR3 | DC | 60 | WHT | 2408 |

|        |       |     |     |                  |
|--------|-------|-----|-----|------------------|
| BRMAIN | TARAX | 240 | RED | 3037             |
|        |       |     |     | KNOT POINT: 2837 |

# LINES

## HIKO P - 24

| ref.     | mat.   | kg  | color | mm   |
|----------|--------|-----|-------|------|
| <b>A</b> |        |     |       |      |
| a1       | DC     | 100 | WHT   | 336  |
| a2       | DC     | 60  | WHT   | 288  |
| a3       | DC     | 60  | WHT   | 296  |
| a4       | DC     | 60  | WHT   | 323  |
| a5       | DC     | 60  | WHT   | 314  |
| a6       | DC     | 60  | WHT   | 270  |
| a7       | DC     | 60  | WHT   | 271  |
| a8       | DC     | 60  | WHT   | 287  |
| a9       | 8001/U | 70  | ORG   | 602  |
| a10      | 8001/U | 50  | ORG   | 498  |
| a11      | 8001/U | 50  | ORG   | 582  |
| a12      | 8001/U | 50  | ORG   | 560  |
| a13      | 8001/U | 50  | ORG   | 677  |
| a14      | 8001/U | 50  | ORG   | 1403 |

|      |        |     |     |      |
|------|--------|-----|-----|------|
| 2A1  | 8001/U | 130 | ORG | 2010 |
| 2A2  | 8001/U | 130 | ORG | 1968 |
| 2A3  | 8001/U | 130 | ORG | 1845 |
| 2A4  | 8001/U | 90  | ORG | 1794 |
| 2A5  | 8001/U | 90  | ORG | 1319 |
| 2A6  | 8001/U | 90  | ORG | 1139 |
| 2st1 | 8001/U | 90  | ORG | 808  |

|     |        |     |     |      |
|-----|--------|-----|-----|------|
| 3A1 | 8001/U | 230 | ORG | 4184 |
| 3A2 | 8001/U | 190 | ORG | 4266 |
| 3A3 | 8001/U | 190 | ORG | 4323 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>B</b> |        |    |       |      |
| b1       | DC     | 60 | WHT   | 333  |
| b2       | DC     | 60 | WHT   | 284  |
| b3       | DC     | 60 | WHT   | 292  |
| b4       | DC     | 60 | WHT   | 319  |
| b5       | DC     | 60 | WHT   | 308  |
| b6       | DC     | 40 | WHT   | 266  |
| b7       | DC     | 40 | WHT   | 265  |
| b8       | DC     | 60 | WHT   | 283  |
| b9       | 8001/U | 50 | BLUE  | 580  |
| b10      | 8001/U | 50 | BLUE  | 490  |
| b11      | 8001/U | 50 | BLUE  | 547  |
| b12      | 8001/U | 50 | BLUE  | 536  |
| b13      | 8001/U | 50 | ORG   | 656  |
| b14      | 8001/U | 50 | ORG   | 1404 |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 2B1 | 8001/U | 130 | BLUE | 1987 |
| 2B2 | 8001/U | 130 | BLUE | 1944 |
| 2B3 | 8001/U | 130 | BLUE | 1814 |
| 2B4 | 8001/U | 90  | BLUE | 1771 |
| 2B5 | 8001/U | 70  | BLUE | 1259 |
| 2B6 | 8001/U | 70  | BLUE | 1121 |

|      |        |     |      |      |
|------|--------|-----|------|------|
| 3B1  | 8001/U | 190 | BLUE | 4117 |
| 3B2  | 8001/U | 190 | BLUE | 4215 |
| 3B3  | 8001/U | 130 | BLUE | 4326 |
| stab | 8001/U | 90  | BLUE | 4332 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>C</b> |        |    |       |      |
| c1       | DC     | 40 | WHT   | 337  |
| c2       | DC     | 40 | WHT   | 271  |
| c3       | DC     | 40 | WHT   | 278  |
| c4       | DC     | 40 | WHT   | 327  |
| c5       | DC     | 40 | WHT   | 313  |
| c6       | DC     | 40 | WHT   | 258  |
| c7       | DC     | 40 | WHT   | 252  |
| c8       | DC     | 40 | WHT   | 292  |
| c9       | 8001/U | 50 | BLUE  | 583  |
| c10      | 8001/U | 50 | BLUE  | 489  |
| c11      | 8001/U | 50 | BLUE  | 545  |
| c12      | 8001/U | 50 | BLUE  | 515  |
| c13      | 8001/U | 50 | ORG   | 1472 |

|      |        |    |      |      |
|------|--------|----|------|------|
| 2C1  | 8001/U | 50 | BLUE | 555  |
| 2C2  | 8001/U | 50 | BLUE | 537  |
| 2C3  | 8001/U | 50 | BLUE | 504  |
| 2C4  | 8001/U | 50 | BLUE | 499  |
| 2C5  | 8001/U | 50 | BLUE | 1297 |
| 2C6  | 8001/U | 50 | BLUE | 1157 |
| 2CD1 | 8001/U | 90 | BLUE | 856  |
| 2CD2 | 8001/U | 90 | BLUE | 835  |
| 2CD3 | 8001/U | 70 | BLUE | 787  |
| 2CD4 | 8001/U | 70 | BLUE | 761  |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 3C1 | 8001/U | 190 | BLUE | 4785 |
| 3C2 | 8001/U | 130 | BLUE | 4825 |
| 3C3 | 8001/U | 90  | BLUE | 4343 |

| ref.     | mat. | kg | color | mm  |
|----------|------|----|-------|-----|
| <b>D</b> |      |    |       |     |
| d1       | DC   | 40 | WHT   | 338 |
| d2       | DC   | 40 | WHT   | 276 |
| d3       | DC   | 40 | WHT   | 287 |
| d4       | DC   | 40 | WHT   | 325 |
| d5       | DC   | 40 | WHT   | 316 |
| d6       | DC   | 40 | WHT   | 257 |
| d7       | DC   | 40 | WHT   | 263 |
| d8       | DC   | 40 | WHT   | 290 |

|     |        |    |      |     |
|-----|--------|----|------|-----|
| 2D1 | 8001/U | 50 | BLUE | 650 |
| 2D2 | 8001/U | 50 | BLUE | 624 |
| 2D3 | 8001/U | 50 | BLUE | 592 |
| 2D4 | 8001/U | 50 | BLUE | 561 |

| ref.         | mat. | kg | color | mm  |
|--------------|------|----|-------|-----|
| <b>BRAKE</b> |      |    |       |     |
| br1          | DC   | 40 | WHT   | 623 |
| br2          | DC   | 40 | WHT   | 305 |
| br3          | DC   | 40 | WHT   | 554 |
| br4          | DC   | 40 | WHT   | 557 |
| br5          | DC   | 40 | WHT   | 571 |
| br6          | DC   | 40 | WHT   | 432 |
| br7          | DC   | 40 | WHT   | 443 |
| br8          | DC   | 40 | WHT   | 510 |
| br9          | DC   | 40 | WHT   | 455 |
| br10         | DC   | 40 | WHT   | 384 |
| br11         | DC   | 40 | WHT   | 310 |
| br12         | DC   | 40 | WHT   | 400 |

|      |    |    |     |      |
|------|----|----|-----|------|
| 2BR1 | DC | 60 | WHT | 975  |
| 2BR2 | DC | 60 | WHT | 599  |
| 2BR3 | DC | 60 | WHT | 819  |
| 2BR4 | DC | 60 | WHT | 765  |
| 2BR5 | DC | 60 | WHT | 549  |
| 2BR6 | DC | 60 | WHT | 606  |
| 3BR1 | DC | 60 | WHT | 2814 |
| 3BR2 | DC | 60 | WHT | 2403 |
| 3BR3 | DC | 60 | WHT | 2519 |

|        |       |     |     |                  |
|--------|-------|-----|-----|------------------|
| BRMAIN | TARAX | 240 | RED | 3156             |
|        |       |     |     | KNOT POINT: 2956 |

# LINES

## HIKO P - 26

| ref.     | mat.   | kg  | color | mm   |
|----------|--------|-----|-------|------|
| <b>A</b> |        |     |       |      |
| a1       | DC     | 100 | WHT   | 350  |
| a2       | DC     | 60  | WHT   | 299  |
| a3       | DC     | 60  | WHT   | 308  |
| a4       | DC     | 60  | WHT   | 336  |
| a5       | DC     | 60  | WHT   | 327  |
| a6       | DC     | 60  | WHT   | 280  |
| a7       | DC     | 60  | WHT   | 282  |
| a8       | DC     | 60  | WHT   | 299  |
| a9       | 8001/U | 70  | ORG   | 627  |
| a10      | 8001/U | 50  | ORG   | 517  |
| a11      | 8001/U | 50  | ORG   | 607  |
| a12      | 8001/U | 50  | ORG   | 582  |
| a13      | 8001/U | 50  | ORG   | 705  |
| a14      | 8001/U | 50  | ORG   | 1460 |

|      |        |     |     |      |
|------|--------|-----|-----|------|
| 2A1  | 8001/U | 130 | ORG | 2092 |
| 2A2  | 8001/U | 130 | ORG | 2049 |
| 2A3  | 8001/U | 130 | ORG | 1922 |
| 2A4  | 8001/U | 90  | ORG | 1867 |
| 2A5  | 8001/U | 90  | ORG | 1374 |
| 2A6  | 8001/U | 90  | ORG | 1184 |
| 2st1 | 8001/U | 90  | ORG | 840  |

|     |        |     |     |      |
|-----|--------|-----|-----|------|
| 3A1 | 8001/U | 230 | ORG | 4384 |
| 3A2 | 8001/U | 190 | ORG | 4468 |
| 3A3 | 8001/U | 190 | ORG | 4525 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>B</b> |        |    |       |      |
| b1       | DC     | 60 | WHT   | 346  |
| b2       | DC     | 60 | WHT   | 296  |
| b3       | DC     | 60 | WHT   | 303  |
| b4       | DC     | 60 | WHT   | 333  |
| b5       | DC     | 60 | WHT   | 321  |
| b6       | DC     | 40 | WHT   | 278  |
| b7       | DC     | 40 | WHT   | 275  |
| b8       | DC     | 60 | WHT   | 295  |
| b9       | 8001/U | 50 | BLUE  | 604  |
| b10      | 8001/U | 50 | BLUE  | 511  |
| b11      | 8001/U | 50 | BLUE  | 569  |
| b12      | 8001/U | 50 | BLUE  | 558  |
| b13      | 8001/U | 50 | ORG   | 684  |
| b14      | 8001/U | 50 | ORG   | 1462 |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 2B1 | 8001/U | 130 | BLUE | 2067 |
| 2B2 | 8001/U | 130 | BLUE | 2028 |
| 2B3 | 8001/U | 130 | BLUE | 1887 |
| 2B4 | 8001/U | 90  | BLUE | 1846 |
| 2B5 | 8001/U | 70  | BLUE | 1311 |
| 2B6 | 8001/U | 70  | BLUE | 1169 |

|      |        |     |      |      |
|------|--------|-----|------|------|
| 3B1  | 8001/U | 190 | BLUE | 4304 |
| 3B2  | 8001/U | 190 | BLUE | 4416 |
| 3B3  | 8001/U | 130 | BLUE | 4538 |
| stab | 8001/U | 90  | BLUE | 4533 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>C</b> |        |    |       |      |
| c1       | DC     | 40 | WHT   | 351  |
| c2       | DC     | 40 | WHT   | 282  |
| c3       | DC     | 40 | WHT   | 289  |
| c4       | DC     | 40 | WHT   | 340  |
| c5       | DC     | 40 | WHT   | 326  |
| c6       | DC     | 40 | WHT   | 268  |
| c7       | DC     | 40 | WHT   | 262  |
| c8       | DC     | 40 | WHT   | 304  |
| c9       | 8001/U | 50 | BLUE  | 607  |
| c10      | 8001/U | 50 | BLUE  | 509  |
| c11      | 8001/U | 50 | BLUE  | 567  |
| c12      | 8001/U | 50 | BLUE  | 537  |
| c13      | 8001/U | 50 | ORG   | 1533 |

|      |        |    |      |      |
|------|--------|----|------|------|
| 2C1  | 8001/U | 50 | BLUE | 577  |
| 2C2  | 8001/U | 50 | BLUE | 560  |
| 2C3  | 8001/U | 50 | BLUE | 525  |
| 2C4  | 8001/U | 50 | BLUE | 520  |
| 2C5  | 8001/U | 50 | BLUE | 1351 |
| 2C6  | 8001/U | 50 | BLUE | 1205 |
| 2CD1 | 8001/U | 90 | BLUE | 891  |
| 2CD2 | 8001/U | 90 | BLUE | 870  |
| 2CD3 | 8001/U | 70 | BLUE | 819  |
| 2CD4 | 8001/U | 70 | BLUE | 793  |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 3C1 | 8001/U | 190 | BLUE | 5006 |
| 3C2 | 8001/U | 130 | BLUE | 5050 |
| 3C3 | 8001/U | 90  | BLUE | 4551 |

| ref.     | mat. | kg | color | mm  |
|----------|------|----|-------|-----|
| <b>D</b> |      |    |       |     |
| d1       | DC   | 40 | WHT   | 351 |
| d2       | DC   | 40 | WHT   | 288 |
| d3       | DC   | 40 | WHT   | 298 |
| d4       | DC   | 40 | WHT   | 339 |
| d5       | DC   | 40 | WHT   | 329 |
| d6       | DC   | 40 | WHT   | 268 |
| d7       | DC   | 40 | WHT   | 274 |
| d8       | DC   | 40 | WHT   | 302 |

|     |        |    |      |     |
|-----|--------|----|------|-----|
| 2D1 | 8001/U | 50 | BLUE | 676 |
| 2D2 | 8001/U | 50 | BLUE | 651 |
| 2D3 | 8001/U | 50 | BLUE | 617 |
| 2D4 | 8001/U | 50 | BLUE | 584 |

| ref.         | mat. | kg | color | mm  |
|--------------|------|----|-------|-----|
| <b>BRAKE</b> |      |    |       |     |
| br1          | DC   | 40 | WHT   | 649 |
| br2          | DC   | 40 | WHT   | 318 |
| br3          | DC   | 40 | WHT   | 577 |
| br4          | DC   | 40 | WHT   | 581 |
| br5          | DC   | 40 | WHT   | 595 |
| br6          | DC   | 40 | WHT   | 450 |
| br7          | DC   | 40 | WHT   | 460 |
| br8          | DC   | 40 | WHT   | 531 |
| br9          | DC   | 40 | WHT   | 474 |
| br10         | DC   | 40 | WHT   | 400 |
| br11         | DC   | 40 | WHT   | 323 |
| br12         | DC   | 40 | WHT   | 417 |

|      |    |    |     |       |
|------|----|----|-----|-------|
| 2BR1 | DC | 60 | WHT | 1.014 |
| 2BR2 | DC | 60 | WHT | 625   |
| 2BR3 | DC | 60 | WHT | 852   |
| 2BR4 | DC | 60 | WHT | 797   |
| 2BR5 | DC | 60 | WHT | 571   |
| 2BR6 | DC | 60 | WHT | 632   |
| 3BR1 | DC | 60 | WHT | 2928  |
| 3BR2 | DC | 60 | WHT | 2502  |
| 3BR3 | DC | 60 | WHT | 2626  |

|             |       |     |     |      |
|-------------|-------|-----|-----|------|
| BRMAIN      | TARAX | 240 | RED | 3329 |
| KNOT POINT: |       |     |     | 3129 |

# LINES

## HIKO P - 28

| ref.     | mat.   | kg  | color | mm   |
|----------|--------|-----|-------|------|
| <b>A</b> |        |     |       |      |
| a1       | DC     | 100 | WHT   | 363  |
| a2       | DC     | 60  | WHT   | 311  |
| a3       | DC     | 60  | WHT   | 319  |
| a4       | DC     | 60  | WHT   | 349  |
| a5       | DC     | 60  | WHT   | 339  |
| a6       | DC     | 60  | WHT   | 291  |
| a7       | DC     | 60  | WHT   | 292  |
| a8       | DC     | 60  | WHT   | 310  |
| a9       | 8001/U | 70  | ORG   | 651  |
| a10      | 8001/U | 50  | ORG   | 537  |
| a11      | 8001/U | 50  | ORG   | 630  |
| a12      | 8001/U | 50  | ORG   | 604  |
| a13      | 8001/U | 50  | ORG   | 732  |
| a14      | 8001/U | 50  | ORG   | 1515 |

|      |        |     |     |      |
|------|--------|-----|-----|------|
| 2A1  | 8001/U | 130 | ORG | 2171 |
| 2A2  | 8001/U | 130 | ORG | 2128 |
| 2A3  | 8001/U | 130 | ORG | 1994 |
| 2A4  | 8001/U | 90  | ORG | 1939 |
| 2A5  | 8001/U | 90  | ORG | 1426 |
| 2A6  | 8001/U | 90  | ORG | 1229 |
| 2st1 | 8001/U | 90  | ORG | 873  |

|     |        |     |     |      |
|-----|--------|-----|-----|------|
| 3A1 | 8001/U | 230 | ORG | 4572 |
| 3A2 | 8001/U | 190 | ORG | 4663 |
| 3A3 | 8001/U | 190 | ORG | 4724 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>B</b> |        |    |       |      |
| b1       | DC     | 60 | WHT   | 359  |
| b2       | DC     | 60 | WHT   | 308  |
| b3       | DC     | 60 | WHT   | 314  |
| b4       | DC     | 60 | WHT   | 346  |
| b5       | DC     | 60 | WHT   | 333  |
| b6       | DC     | 40 | WHT   | 289  |
| b7       | DC     | 40 | WHT   | 285  |
| b8       | DC     | 60 | WHT   | 307  |
| b9       | 8001/U | 50 | BLUE  | 627  |
| b10      | 8001/U | 50 | BLUE  | 530  |
| b11      | 8001/U | 50 | BLUE  | 590  |
| b12      | 8001/U | 50 | BLUE  | 580  |
| b13      | 8001/U | 50 | ORG   | 710  |
| b14      | 8001/U | 50 | ORG   | 1517 |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 2B1 | 8001/U | 130 | BLUE | 2144 |
| 2B2 | 8001/U | 130 | BLUE | 2106 |
| 2B3 | 8001/U | 130 | BLUE | 1958 |
| 2B4 | 8001/U | 90  | BLUE | 1917 |
| 2B5 | 8001/U | 70  | BLUE | 1361 |
| 2B6 | 8001/U | 70  | BLUE | 1214 |

|      |        |     |      |      |
|------|--------|-----|------|------|
| 3B1  | 8001/U | 190 | BLUE | 4489 |
| 3B2  | 8001/U | 190 | BLUE | 4608 |
| 3B3  | 8001/U | 130 | BLUE | 4737 |
| stab | 8001/U | 90  | BLUE | 4731 |

| ref.     | mat.   | kg | color | mm   |
|----------|--------|----|-------|------|
| <b>C</b> |        |    |       |      |
| c1       | DC     | 40 | WHT   | 364  |
| c2       | DC     | 40 | WHT   | 294  |
| c3       | DC     | 40 | WHT   | 300  |
| c4       | DC     | 40 | WHT   | 353  |
| c5       | DC     | 40 | WHT   | 338  |
| c6       | DC     | 40 | WHT   | 277  |
| c7       | DC     | 40 | WHT   | 276  |
| c8       | DC     | 40 | WHT   | 314  |
| c9       | 8001/U | 50 | BLUE  | 630  |
| c10      | 8001/U | 50 | BLUE  | 528  |
| c11      | 8001/U | 50 | BLUE  | 589  |
| c12      | 8001/U | 50 | BLUE  | 557  |
| c13      | 8001/U | 50 | ORG   | 1592 |

|      |        |    |      |      |
|------|--------|----|------|------|
| 2C1  | 8001/U | 50 | BLUE | 598  |
| 2C2  | 8001/U | 50 | BLUE | 582  |
| 2C3  | 8001/U | 50 | BLUE | 559  |
| 2C4  | 8001/U | 50 | BLUE | 544  |
| 2C5  | 8001/U | 50 | BLUE | 1402 |
| 2C6  | 8001/U | 50 | BLUE | 1251 |
| 2CD1 | 8001/U | 90 | BLUE | 924  |
| 2CD2 | 8001/U | 90 | BLUE | 904  |
| 2CD3 | 8001/U | 70 | BLUE | 863  |
| 2CD4 | 8001/U | 70 | BLUE | 832  |

|     |        |     |      |      |
|-----|--------|-----|------|------|
| 3C1 | 8001/U | 190 | BLUE | 5218 |
| 3C2 | 8001/U | 130 | BLUE | 5247 |
| 3C3 | 8001/U | 90  | BLUE | 4750 |

| ref.     | mat. | kg | color | mm  |
|----------|------|----|-------|-----|
| <b>D</b> |      |    |       |     |
| d1       | DC   | 40 | WHT   | 365 |
| d2       | DC   | 40 | WHT   | 299 |
| d3       | DC   | 40 | WHT   | 309 |
| d4       | DC   | 40 | WHT   | 352 |
| d5       | DC   | 40 | WHT   | 342 |
| d6       | DC   | 40 | WHT   | 276 |
| d7       | DC   | 40 | WHT   | 295 |
| d8       | DC   | 40 | WHT   | 307 |

|     |        |    |      |     |
|-----|--------|----|------|-----|
| 2D1 | 8001/U | 50 | BLUE | 701 |
| 2D2 | 8001/U | 50 | BLUE | 676 |
| 2D3 | 8001/U | 50 | BLUE | 652 |
| 2D4 | 8001/U | 50 | BLUE | 606 |

| ref.         | mat. | kg | color | mm  |
|--------------|------|----|-------|-----|
| <b>BRAKE</b> |      |    |       |     |
| br1          | DC   | 40 | WHT   | 673 |
| br2          | DC   | 40 | WHT   | 330 |
| br3          | DC   | 40 | WHT   | 598 |
| br4          | DC   | 40 | WHT   | 603 |
| br5          | DC   | 40 | WHT   | 617 |
| br6          | DC   | 40 | WHT   | 468 |
| br7          | DC   | 40 | WHT   | 477 |
| br8          | DC   | 40 | WHT   | 551 |
| br9          | DC   | 40 | WHT   | 492 |
| br10         | DC   | 40 | WHT   | 416 |
| br11         | DC   | 40 | WHT   | 335 |
| br12         | DC   | 40 | WHT   | 433 |

|      |    |    |     |       |
|------|----|----|-----|-------|
| 2BR1 | DC | 60 | WHT | 1.052 |
| 2BR2 | DC | 60 | WHT | 649   |
| 2BR3 | DC | 60 | WHT | 884   |
| 2BR4 | DC | 60 | WHT | 829   |
| 2BR5 | DC | 60 | WHT | 593   |
| 2BR6 | DC | 60 | WHT | 656   |
| 3BR1 | DC | 60 | WHT | 3037  |
| 3BR2 | DC | 60 | WHT | 2598  |
| 3BR3 | DC | 60 | WHT | 2729  |

|        |       |     |     |                  |
|--------|-------|-----|-----|------------------|
| BRMAIN | TARAX | 240 | RED | 3466             |
|        |       |     |     | KNOT POINT: 3266 |

# LINE MEASUREMENTS

## HIKO P - 20

LINES HEIGHT + RISER MM

|    | A    | B    | C    | D    | br   |
|----|------|------|------|------|------|
| 1  | 6561 | 6473 | 6567 | 6656 | 6833 |
| 2  | 6513 | 6427 | 6504 | 6598 | 6537 |
| 3  | 6480 | 6391 | 6473 | 6562 | 6419 |
| 4  | 6504 | 6415 | 6517 | 6597 | 6421 |
| 5  | 6457 | 6375 | 6472 | 6555 | 6254 |
| 6  | 6416 | 6336 | 6418 | 6497 | 6124 |
| 7  | 6371 | 6293 | 6375 | 6444 | 6081 |
| 8  | 6386 | 6310 | 6406 | 6453 | 6143 |
| 9  | 6289 | 6221 | 6280 |      | 5998 |
| 10 | 6194 | 6136 | 6192 |      | 5931 |
| 11 | 6107 | 6060 | 6115 |      | 5915 |
| 12 | 6085 | 6050 | 6082 |      | 5997 |
| 13 | 5892 | 5872 | 5883 |      |      |
| 14 | 5819 | 5820 |      |      |      |

RISERS LENGHT MM

| A   | A'  | B   | C   |             |
|-----|-----|-----|-----|-------------|
| 530 | 530 | 530 | 530 | STANDARD    |
| 380 | 380 | 430 | 530 | ACCELERATED |

## HIKO P - 22

LINES HEIGHT + RISER MM

|    | A    | B    | C    | D    | br   |
|----|------|------|------|------|------|
| 1  | 6770 | 6668 | 6774 | 6865 | 7060 |
| 2  | 6721 | 6622 | 6710 | 6806 | 6755 |
| 3  | 6686 | 6588 | 6676 | 6769 | 6634 |
| 4  | 6710 | 6614 | 6722 | 6805 | 6636 |
| 5  | 6662 | 6576 | 6672 | 6760 | 6465 |
| 6  | 6619 | 6536 | 6619 | 6703 | 6331 |
| 7  | 6572 | 6495 | 6582 | 6652 | 6288 |
| 8  | 6587 | 6513 | 6620 | 6678 | 6351 |
| 9  | 6486 | 6418 | 6484 |      | 6204 |
| 10 | 6387 | 6332 | 6394 |      | 6135 |
| 11 | 6295 | 6256 | 6314 |      | 6118 |
| 12 | 6272 | 6246 | 6280 |      | 6204 |
| 13 | 6073 | 6054 | 6067 |      |      |
| 14 | 5999 | 6001 |      |      |      |

RISERS LENGHT MM

| A   | A'  | B   | C   |             |
|-----|-----|-----|-----|-------------|
| 530 | 530 | 530 | 530 | STANDARD    |
| 380 | 380 | 430 | 530 | ACCELERATED |

## HIKO P - 24

LINES HEIGHT + RISER MM

|    | A    | B    | C    | D    | br   |
|----|------|------|------|------|------|
| 1  | 7069 | 6977 | 7078 | 7174 | 7405 |
| 2  | 7020 | 6928 | 7012 | 7112 | 7087 |
| 3  | 6987 | 6893 | 6980 | 7076 | 6960 |
| 4  | 7014 | 6920 | 7029 | 7114 | 6963 |
| 5  | 6966 | 6880 | 6976 | 7067 | 6786 |
| 6  | 6922 | 6838 | 6921 | 7008 | 6647 |
| 7  | 6875 | 6794 | 6884 | 6957 | 6604 |
| 8  | 6891 | 6812 | 6924 | 6984 | 6671 |
| 9  | 6792 | 6716 | 6779 |      | 6516 |
| 10 | 6690 | 6626 | 6685 |      | 6445 |
| 11 | 6595 | 6545 | 6601 |      | 6428 |
| 12 | 6573 | 6534 | 6571 |      | 6518 |
| 13 | 6370 | 6349 | 6364 |      |      |
| 14 | 6292 | 6293 |      |      |      |

RISERS LENGHT MM

| A   | A'  | B   | C   |             |
|-----|-----|-----|-----|-------------|
| 530 | 530 | 530 | 530 | STANDARD    |
| 350 | 350 | 410 | 530 | ACCELERATED |

## HIKO P - 26

LINES HEIGHT + RISER MM

|    | A    | B    | C    | D    | br   |
|----|------|------|------|------|------|
| 1  | 7358 | 7261 | 7368 | 7467 | 7717 |
| 2  | 7307 | 7211 | 7299 | 7404 | 7386 |
| 3  | 7274 | 7177 | 7268 | 7368 | 7256 |
| 4  | 7303 | 7205 | 7319 | 7409 | 7260 |
| 5  | 7255 | 7165 | 7265 | 7360 | 7075 |
| 6  | 7210 | 7122 | 7207 | 7299 | 6930 |
| 7  | 7162 | 7075 | 7170 | 7246 | 6885 |
| 8  | 7179 | 7095 | 7212 | 7274 | 6956 |
| 9  | 7073 | 6994 | 7060 |      | 6797 |
| 10 | 6966 | 6900 | 6962 |      | 6723 |
| 11 | 6868 | 6815 | 6874 |      | 6707 |
| 12 | 6845 | 6804 | 6839 |      | 6801 |
| 13 | 6629 | 6607 | 6618 |      |      |
| 14 | 6547 | 6548 |      |      |      |

RISERS LENGHT MM

| A   | A'  | B   | C   |             |
|-----|-----|-----|-----|-------------|
| 530 | 530 | 530 | 530 | STANDARD    |
| 350 | 350 | 410 | 530 | ACCELERATED |

## HIKO P - 28

LINES HEIGHT + RISER MM

|    | A    | B    | C    | D    | br   |
|----|------|------|------|------|------|
| 1  | 7640 | 7540 | 7648 | 7752 | 8025 |
| 2  | 7588 | 7489 | 7578 | 7686 | 7682 |
| 3  | 7555 | 7454 | 7548 | 7651 | 7547 |
| 4  | 7585 | 7484 | 7601 | 7694 | 7552 |
| 5  | 7536 | 7444 | 7553 | 7650 | 7362 |
| 6  | 7489 | 7399 | 7492 | 7584 | 7213 |
| 7  | 7440 | 7353 | 7445 | 7526 | 7167 |
| 8  | 7459 | 7373 | 7483 | 7538 | 7241 |
| 9  | 7347 | 7269 | 7337 |      | 7077 |
| 10 | 7237 | 7171 | 7235 |      | 7001 |
| 11 | 7135 | 7084 | 7145 |      | 6983 |
| 12 | 7111 | 7072 | 7108 |      | 7081 |
| 13 | 6889 | 6866 | 6877 |      |      |
| 14 | 6804 | 6805 |      |      |      |

RISERS LENGHT MM

| A   | A'  | B   | C   |             |
|-----|-----|-----|-----|-------------|
| 530 | 530 | 530 | 530 | STANDARD    |
| 350 | 350 | 410 | 530 | ACCELERATED |

# SUSPENSION

| MATERIAL CODE                       |         | DC      | DC      | DC      | A-8001/U | A-8001/U | A-8001/U | A-8001/U | A-8001/U | A-8001/U  | TARAX     |
|-------------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|-----------|-----------|
| STRENGTH CODE                       |         | 040     | 060     | 100     | 50       | 070      | 90       | 130      | 190      | 230       | 240       |
| DIAMETER m/m                        | ∅       | 0,5     | 0,6     | 0,8     | 0,5      | 0,7      | 0,8      | 0,9      | 1,1      | 1,1 x 1,4 | 1,9       |
| CORE MATERIAL                       |         | DYNEEMA | DYNEEMA | Dyneema | ARAMID   | ARAMID   | ARAMID   | ARAMID   | ARAMID   | ARAMID    | DYNEEMA   |
| SLEEVE MATERIAL                     |         | NO      | NO      | NO      | NO       | NO       | NO       | NO       | NO       | NO        | POLYESTER |
| WEIGHT G/M                          | TOTAL   | 0,19    | 0,24    | 0,42    | 0,25     | 0,4      | 0,5      | 0,8      | 1,1      | 1,4       | 2,3       |
| BREAKING STRENGTH daN               | MINIMUM | 40      | 60      | 100     | 50       | 70       | 90       | 130      | 190      | 230       | 240       |
|                                     | MAXIMUM | 48      | 84      | 110     |          | 78       | 110      | 144      | 211      | 255       |           |
| STRENGTH AFTER                      |         |         |         |         |          |          |          |          |          |           |           |
| 5.000 BENDING                       | 33      | 74      | 99      | 26      | 39       | 49       | 88       | 52       | 69       |           |           |
| CYCLES                              |         |         |         |         |          |          |          |          |          |           |           |
| ELONGATION AT                       |         |         |         | 0,4     | 0,5      | 0,4      | 0,4      | 0,4      | 0,3      | 0,1-0,3   |           |
|                                     |         | 0,43    | 0,36    | 0,7     | 0,7      | 0,6      | 0,6      | 0,6      | 0,5      | 0,2-0,4   |           |
|                                     |         |         |         | 1,1     | 1        | 0,8      | 0,8      | 0,7      | 0,6      | 0,2-0,6   |           |
|                                     |         |         |         | 1,5     | 1,3      | 1        | 0,9      | 0,9      | 0,7      | 0,3-0,7   |           |
|                                     |         |         |         | 1,9     | 1,5      | 1,3      | 1        | 1        | 0,8      | 0,4-0,8   |           |
|                                     |         | 1,2     | 1       | 3,3     | 2,8      | 2,3      | 1,8      | 1,6      | 1,3      |           |           |
|                                     |         |         |         |         | 3,7      | 3,2      | 3,1      | 2,7      | 2,3      | 0,9-1,2   |           |
|                                     |         |         |         |         |          |          |          | 2,6      | 3,6      | 1,1-1,5   |           |
|                                     |         |         |         |         |          |          |          | 3,5      | 3,3      |           |           |
|                                     |         |         |         |         |          |          |          | 4,3      | 3,6      | 1,5-2,1   |           |
|                                     |         |         |         |         |          |          |          |          |          |           | 2-2,8     |
| ELONGATION MAX. BREAKING STRENGTH % |         | 3,2     | 3,4     | 3,8     | 3,9      | 4,3      | 4        | 4,4      | 4,4      |           |           |

# PULLEY

## DESCRIPTION PULLEY

|                  |   |
|------------------|---|
| <b>PULLEY</b>    | 20 m/m                                    |
| <b>CODE</b>      | RF25109                                   |
| <b>MATERIALS</b> | STAINLESS STEEL<br>NYLON<br>CARBON ACETAL |
| <b>BEARING</b>   | DELRIN®                                   |
| <b>WEIGHT</b>    | 14 G/PIECE                                |

## TECHNICAL SPECIFICATIONS



|                      |       |
|----------------------|-------|
| <b>DIMENSIONS</b>    | m/m   |
| <b>A</b>             | 20    |
| <b>B</b>             | 33    |
| <b>Ø</b>             | 5 max |
| <b>LOAD</b>          | KG    |
| <b>WORKING LIMIT</b> | 200   |
| <b>BREAKING</b>      | 400   |



## THREAD

### WING MAKING

|                   |                          |
|-------------------|--------------------------|
| NAME              | SERAFIL                  |
| N° OF REFERENCE   | 60                       |
| MATERIAL          | POLYESTER                |
| TYPE OF FINISH    | SILK                     |
| LINEAR DENSITY    | NM 61 / 3 (DTEX 163 * 3) |
| BREAKING STRENGTH | 3,000 CN                 |
| ELONGATION        | 17,00%                   |

### QUALITIES SERAFIL

|                           |                     |
|---------------------------|---------------------|
| SOLIDITY ARTIFICIAL LIGTH | ISO 105 B02 > 5 - 6 |
| SOLIDITY SWEAT            | ISO 105 E04 > 4     |
| SOLIDITY WASHING          | ISO 105 C04 > 3     |
| SOLIDITY GRAZE IN DRY     | ISO 105 X12 > 4     |
| SOLIDITY WASHING IN DRY   | ISO 105 D01 > 3 - 4 |

|                           |    |
|---------------------------|----|
| TREATMENT WATER REPELLENT | WR |
|---------------------------|----|

### RISERS MAKING

|                   |                     |
|-------------------|---------------------|
| NAME              | COATS BONDED C.F.P. |
| N° OF REFERENCE   | V138                |
| MATERIAL          | POLYESTER           |
| TYPE OF FINISH    | SILK                |
| BREAKING STRENGTH | 9,5 KG              |
| ELONGATION        | 19%                 |

## RISERS

### RISERS

|                   |                      |
|-------------------|----------------------|
| N° OF REFERENCE   | 3455                 |
| MATERIAL          | POLYESTER & TECHNORA |
| WIDTH             | 12 MM                |
| THICKNESS         | 2,25 MM              |
| BREAKING STRENGTH | 1.100 DAN            |
| ELONGATION        | MAX. 11%             |
| WEIGHT            | 21,1 G/M             |
| COLOR             | BLACK                |

### COLOR INDICATOR

|                   |             |
|-------------------|-------------|
| N° OF REFERENCE   | IC-G 1-2    |
| MATERIAL          | POLYESTER   |
| WIDTH             | 70 M/M      |
| THICKNESS         | 0,80 M/M    |
| BREAKING STRENGTH | 130 DN      |
| ELONGATION        | 35 %        |
| WEIGHT            | 32 G * L.M. |
| COLOR             | GREEN       |

### LOOPS

|                   |          |
|-------------------|----------|
| N° OF REFERENCE   | LKI - 12 |
| MATERIAL          | NYLON    |
| WIDTH             | 12 M/M   |
| BREAKING STRENGTH | 84 KG    |
| COLOR             | WHITE    |



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