

THOMAS Reference: HEL 010/1 - C2 - 01.04.2020 - 16.00

Operator: ca



| RESULTS | | | | | | | | |
|-------------------|--------------------------------------|-------------------------------|------------|--------|-------|-----------|---------|--|
| | REFER. | NOMINAL | MESURE | TOL- | TOL+ | ECART TEN | DANCE | |
| DIM. 390 - A1 | Angle PLAN A1_390-1 - PI | LAN A1_390-2 / REP3 8.000 | 7.867 | -0.500 | 0.500 | -0.133 | | |
| DIM. 390 - A2 | Angle PLAN A2_390-1 - PI | | 7.007 | 0.500 | 0.500 | 0.193 | | |
| | REP3 ESP | 8.000 | 8.353 | -0.500 | 0.500 | 0.353 | | |
| DIM. 390 - A3 | Angle PLAN A3_390-1 - PI REP3 ESP | 8.000 | 7.756 | -0.500 | 0.500 | -0.244 | 1 1 1 1 | |
| DIM. 390 - A4 | Angle PLAN A4_390-1 - PI | LAN A4_390-2 / REP3 8.000 | 8.591 | -0.500 | 0.500 | 0.591 | 0.091 | |
| DIM. 390 - A5 | Angle PLAN A5_390-1 - PI | LAN A5_390-2 / REP3 8.000 | 7.411 | -0.500 | 0.500 | -0.589 | -0.089 | |
| DIM. 390 - A6 | Angle PLAN A6_390-1 - PI | LAN A6_390-2 / REP3 8.000 | 7.440 | -0.500 | 0.500 | -0.560 | -0.060 | |
| DIM. 400 - A1 | Distance PLAN A1_390-1 REP3 Z | - POINT 400-1 / REP3 2.650 | 2.500 | -0.120 | 0.100 | -0.150 | -0.030 | |
| DIM. 400 - A2 | Distance PLAN A2_390-1 REP3 Z | | 2.531 | -0.090 | 0.090 | -0.119 | -0.029 | |
| DIM. 400 - A3 | Distance PLAN A3_390-1 REP3 X | | 2.479 | -0.140 | 0.090 | -0.171 | -0.031 | |
| DIM. 400 - A4 | Distance POINT 400-4 - PI | | 2.507 | -0.120 | 0.090 | -0.143 | -0.023 | |
| DIM. 400 - A5 | Distance POINT 400-5 - PI | LAN A5_390-1 / REP3 | | | 1 | 1 | -0.023 | |
| DIM. 400 - A6 | REP3 Z Distance POINT 400-6 - PI | - 1 | 2.505 | -0.280 | 0.090 | -0.145 | 0.050 | |
| DIM. 410 - A1 | REP3 X Distance DRTE A1_1980 - | | 2.468 | -0.120 | 0.090 | -0.182 | -0.062 | |
| DIM. 410 - A2 | REP3 Y Distance DRTE A2_1980 - | 2.600 POINT 410-2 / REP3 | 2.530 | -0.150 | 0.090 | -0.070 | | |
| DIM. 410 - A3 | REP3 Y Distance DRTE A3_1980 - | 2.600 POINT 410-3 / REP3 | 2.470 | -0.100 | 0.090 | -0.130 | -0.030 | |
| DIM. 410 - A4 | REP3 Y Distance DRTE A4_1980 - | 2.600 POINT 410-4 / REP3 | 2.644 | -0.090 | 0.090 | 0.044 | | |
| DIM. 410 - A5 | REP3 Y Distance DRTE A5_1980 - | 2.600 POINT 410-5 / REP3 | 2.421 | -0.200 | 0.090 | -0.179 | 1 1 1 1 | |
| | REP3 Y | 2.600 | 2.630 | -0.090 | 0.090 | 0.030 | | |
| DIM. 410 - A6 | Distance DRTE A6_1980 - Y | POINT 410-6 / REP3 2.600 | 2.552 | -0.090 | 0.090 | -0.048 | | |
| DIM. 450 | Planéité PLAN A PLAN | 0.000 | 0.199 | | 0.250 | 0.199 | | |
| DIM. 455 | Planéité PLAN J PLAN | 0.000 | 0.089 | | 0.200 | 0.089 | | |
| DIM. 470_9.6 | Distance POINT 470_9.6 - REP3 Z | DRTE B-C / REP3 11.250 | 11.261 | -0.075 | 0.075 | 0.011 | | |
| DIM. 470_12.8 | Distance POINT 470_12.8 REP3 Z | - DRTE B-C / REP3 33.650 | 33.633 | -0.075 | 0.075 | -0.017 | | |
| DIM. 550_9.6 - 1 | Distance POINT 550_9.6 - | | -6.172 | -0.100 | 0.100 | -0.072 | | |
| DIM. 550_9.6 - 2 | Distance POINT 550_9.6 - | | -6.183 | -0.100 | 0.100 | -0.083 | | |
| DIM. 550_12.8 - 1 | Distance POINT 550_12.8 REP3 | | -6.202 | -0.100 | 0.100 | -0.102 | -0.002 | |
| DIM. 550_12.8 - 2 | Distance POINT 550_12.8 REP3 Y | | -6.213 | -0.100 | 0.100 | -0.102 | -0.002 | |
| DIM. 630 - X-12 | Distance POINT 630_X-12 | - 2 - POINT 630_X-12 | - 1 / REP3 | 1 | 1 | | 0.013 | |
| | REP3 Z | 55.500 | 55.245 | -0.270 | 0.100 | -0.255 | | |



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| | | REFER. | NOMINAL M | IESURE | TOL- | TOL+ | ECART TENDANG | CE |
|----------------------|----------|------------------|----------------------------|---------|----------|----------|---------------|-------|
| DIM. 630 - X-79 | Distance | | - 2 - POINT 630_X-79 - 1 | | | | 1 2.32.1 | |
| | REP3 | _ | 55.500 | 55.486 | -0.270 | 0.100 | -0.014 | |
| DIM. 780 - J2 | Distance | PLAN J2 - POINT | | | | | | |
| | REP3 | Υ | 3.200 | 3.385 | 0.000 | 0.190 | 0.185 | 1 1 1 |
| DIM. 780 - J3 | Distance | PLAN J3 - POINT | 780-J3 / REP3 | | | | | |
| | REP3 | Υ | 3.200 | 3.303 | 0.000 | 0.170 | 0.103 | |
| DIM. 780 - J4 | Distance | PLAN J4 - POINT | 780-J4 / REP3 | · | | | | |
| | REP3 | Υ | 3.200 | 3.279 | 0.000 | 0.110 | 0.079 | |
| DIM. 780 - J5 | Distance | PLAN J5 - POINT | 780-J5 / REP3 | | | | | |
| | REP3 | Y | 3.200 | 3.361 | 0.000 | 0.100 | 0.161 | 0.061 |
| DIM. 1280 | Distance | POINT 1280-2 - P | OINT 1280-1 / REP3 | | | | | |
| | REP3 | X | -12.700 | -12.653 | -0.100 | 0.100 | 0.047 | |
| DIM. 1300 - R | Distance | POINT 1300 - R - | PLAN H / REP3 | | | | | |
| | REP3 | Υ | 12.000 | 11.983 | -0.050 | 0.050 | -0.017 | |
| DIM. 1300 - L | Distance | POINT 1300 - L - | PLAN H / REP3 | | | | <u></u> | |
| | REP3 | Υ | 12.000 | 12.026 | -0.050 | 0.050 | 0.026 | |
| DIM. R_1300 - 1 | Distance | POINT R_1300 - 3 | 1 - PLAN H / REP3 | | | | | |
| | REP3 | Υ | 12.000 | 11.988 | -0.050 | 0.050 | -0.012 | |
| DIM. R_1300 - 2 | Distance | POINT R_1300 - 2 | 2 - PLAN H / REP3 | | | | | |
| | REP3 | Υ | 12.000 | 11.980 | -0.050 | 0.050 | -0.020 | |
| DIM. R_1300 - 3 | Distance | POINT R_1300 - 3 | 3 - PLAN H / REP3 | | | | | |
| | REP3 | Υ | 12.000 | 11.981 | -0.050 | 0.050 | -0.019 | |
| DIM. R_1300 - 4 | Distance | POINT R_1300 - 4 | 4 - PLAN H / REP3 | | | | | |
| | REP3 | Υ | 12.000 | 11.980 | -0.050 | 0.050 | -0.020 | |
| DIM. R_1300 - 5 | Distance | POINT R_1300 - 5 | 5 - PLAN H / REP3 | , | , | | | |
| _ | REP3 | _ Y | 12.000 | 11.978 | -0.050 | 0.050 | -0.022 | |
| DIM. L_1300 - 1 | Distance | POINT L_1300 - 1 | L - PLAN H / REP3 | - | <u> </u> | <u> </u> | | |
| _ | REP3 | Y | 12.000 | 12.041 | -0.050 | 0.050 | 0.041 | |
| DIM. L_1300 - 2 | Distance | POINT L_1300 - 2 | 2 - PLAN H / REP3 | ' | • | - | | |
| _ | REP3 | _ Y | 12.000 | 12.030 | -0.050 | 0.050 | 0.030 | |
| DIM. L_1300 - 3 | Distance | POINT L_1300 - 3 | B - PLAN H / REP3 | 1 | | | | |
| | REP3 | _ Y | 12.000 | 12.032 | -0.050 | 0.050 | 0.032 | |
| DIM. L_1300 - 4 | Distance | POINT L_1300 - 4 | I - PLAN H / REP3 | 1 | 1 | 1 | | |
| _ | REP3 | _ Y | 12.000 | 12.031 | -0.050 | 0.050 | 0.031 | |
| DIM. L_1300 - 5 | Distance | POINT L_1300 - 5 | 5 - PLAN H / REP3 | , | , | | | |
| _ | REP3 | _ Y | 12.000 | 12.024 | -0.050 | 0.050 | 0.024 | |
| DIM. 1400_12.8 - 1 | Distance | POINT 1400_12.8 | 3 - 1 - PLAN J / REP3 | - | <u> </u> | <u>'</u> | | |
| | REP3 | Υ | 0.850 | 0.804 | -0.100 | 0.110 | -0.046 | |
| DIM. 1400_12.8 - 2 | Distance | POINT 1400_12.8 | 3 - 2 - PLAN J / REP3 | ' | • | - | | |
| | REP3 | _ Y | 0.850 | 0.770 | -0.100 | 0.110 | -0.080 | |
| DIM. 1400_9.6 - 1 | Distance | POINT 1400_9.6 | - 1 - PLAN J / REP3 | 1 | | | | |
| | REP3 | _ Y | 0.850 | 0.787 | -0.100 | 0.100 | -0.063 | |
| DIM. 1400_9.6 - 2 | Distance | POINT 1400_ 9.6 | - 2 - PLAN J / REP3 | | | I | | |
| _ | REP3 | _ _Y | 0.850 | 0.770 | -0.100 | 0.100 | -0.080 | 1 1 1 |
| DIM. 1410_9.6 - 3.4 | Distance | POINT 1410 9.6 | - X - POINT REF. K / REP3 | | I | I | | |
| _ | REP3 | _ x | -3.400 | -3.345 | -0.150 | 0.150 | 0.055 | 1 1 1 |
| DIM. 1410_9.6 | Distance | POINT 1410_ 9.6 | - Y - POINT REF. K / REP3 | | | | | |
| _ | REP3 | _ Z | -9.600 | -9.655 | -0.150 | 0.150 | -0.055 | |
| DIM. 1410_12.8 - 3.4 | Distance | POINT 1410 12.8 | 3 - X - POINT REF. K / REP | | <u> </u> | | | |
| _ | REP3 | _ x | -3.400 | -3.297 | -0.150 | 0.150 | 0.103 | |
| DIM. 1410_12.8 | | POINT 1410 12.8 | 3 - Y - POINT REF. K / REP | | I | | | |
| _ | REP3 | _ Z | 12.800 | 12.802 | -0.150 | 0.150 | 0.002 | |
| DIM. 1690 - MP10 | l l | POINT 1690 MP: | 10 - 2 - POINT 1690_MP1 | | - | - | | |
| - | REP3 | _ x | 109.000 | 108.938 | -0.100 | 0.200 | -0.062 | 1 1 1 |
| | - | - 1 | | | | | - | |



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|---------------------|--------------|------------------|-----------------------|--------------------|----------|----------|--------------|---------|
| DIM. 1690 - MP11 | Distance | | P11 - 2 - POINT 1690 | | . JL | . JL' | LUANT ILIVOP | CL |
| DIIVI. 1030 IVII 11 | REP3 | X | 109.000 | 109.007 | -0.100 | 0.200 | 0.007 | |
| DIM. 1690 - MP12 | | POINT 1690 M | P12 - 2 - POINT 1690 | | 0.200 | 0.200 | 0.00. | |
| | REP3 | X | 109.000 | 108.923 | -0.100 | 0.200 | -0.077 | |
| DIM. 1730 - MP5 | | POINT 1730-MF | P5 - 2 - POINT 1730-N | | | | | |
| | REP3 | Z | 56.700 | 56.857 | -0.100 | 0.300 | 0.157 | |
| DIM. 1780 - MP10 | Distance | POINT 1780 M | P10 - 2 - POINT 1780 | | | I | | |
| | REP3 | _ x | 106.500 | 106.565 | 0.000 | 0.220 | 0.065 | 1 1 1 1 |
| DIM. 1780 - MP11 | | POINT 1780 M | P11 - 2 - POINT 1780 | | | | | |
| | REP3 | _ X | 106.500 | 106.620 | 0.000 | 0.220 | 0.120 | 1 1 1 1 |
| DIM. 1780 - MP12 | Distance | POINT 1780_M | P12 - 2 - POINT 1780 | _MP12 - 1 / REP3 | <u> </u> | | | |
| | REP3 | _ x | 106.500 | 106.577 | 0.000 | 0.220 | 0.077 | 1 1 1 1 |
| DIM. 1980 - 1 | Distance | DRTE A1 1980 | - PLAN A1 / REP3 | | | | | |
| | REP3 | _ D1 | -7.000 | -6.924 | -0.130 | 0.000 | 0.076 | 0.076 |
| | | D2 | -7.000 | -7.008 | | | -0.008 | |
| DIM. 1980 - 2 | Distance | DRTE A2_1980 | - PLAN A2 / REP3 | 1 | | | | |
| | REP3 | _ D1 | -7.000 | -6.968 | -0.100 | 0.000 | 0.032 | 0.032 |
| | | D2 | -7.000 | -7.017 | | | -0.017 | |
| DIM. 1980 - 3 | Distance | DRTE A3_1980 | - PLAN A3 / REP3 | ' | | <u> </u> | <u>'</u> | |
| | REP3 | D1 | -7.000 | -6.899 | -0.050 | 0.075 | 0.101 | 0.026 |
| | | D2 | -7.000 | -6.954 | | | 0.046 | |
| DIM. 1980 - 4 | Distance | DRTE A4_1980 | - PLAN A4 / REP3 | 1 | <u> </u> | <u> </u> | <u>'</u> | |
| | REP3 | _ D1 | -7.000 | -6.809 | -0.130 | 0.000 | 0.191 | 0.193 |
| | | D2 | -7.000 | -6.957 | | | 0.043 | |
| DIM. 1980 - 5 | Distance | DRTE A5_1980 | - PLAN A5 / REP3 | 1 | <u> </u> | | | |
| | REP3 | _ D1 | -7.000 | -6.994 | -0.050 | 0.065 | 0.006 | 1 1 1 1 |
| | | D2 | -7.000 | -7.081 | | | -0.081 | |
| DIM. 1980 - 6 | Distance | DRTE A6_1980 | - PLAN A6 / REP3 | , | , | | ' | |
| | REP3 | D1 | -7.000 | -6.882 | -0.100 | 0.000 | 0.118 | 0.118 |
| | | D2 | -7.000 | -7.014 | | | -0.014 | |
| DIM. 2310 - MP1 - 1 | Distance | POINT 2310_M | P1 - 1-1 - POINT 2310 | D_MP1 - 2-1 / REP3 | | · | | |
| | REP3 | X | 9.950 | 9.943 | -0.050 | 0.050 | -0.007 | |
| DIM. 2310 - MP1 - 2 | Distance | POINT 2310_M | P1 - 1-2 - POINT 2310 | D_MP1 - 2-2 / REP3 | | | | |
| | REP3 | X | 9.950 | 9.966 | -0.050 | 0.050 | 0.016 | |
| DIM. 2310 - MP4 - 1 | Distance | POINT 2310_M | P4 - 1-1 - POINT 2310 | D_MP4 - 2-1 / REP3 | | · | | |
| | REP3 | X | 9.950 | 10.082 | -0.050 | 0.050 | 0.132 | 0.082 |
| DIM. 2310 - MP4 - 2 | Distance | POINT 2310_M | P4 - 1-2 - POINT 2310 | O_MP4 - 2-2 / REP3 | | | | |
| | REP3 | X | 9.950 | 10.069 | -0.050 | 0.050 | 0.119 | 0.069 |
| DIM. 2420 - MP1 | Distance | POINT 2420_M | P1 - 1 - POINT 2420_ | MP1 - 2 / REP3 | | | | |
| | REP3 | Z | -25.900 | -26.002 | -0.100 | 0.100 | -0.102 | -0.002 |
| DIM. 2420 - MP2 | Distance | POINT 2420_M | P2 - 1 - POINT 2420_ | MP2 - 2 / REP3 | | | | |
| | REP3 | Z | -25.900 | -25.955 | -0.100 | 0.100 | -0.055 | |
| DIM. 2500 - P1 | Distance | POINT 2500_P1 | - Y - POINT 2670_P3 | 8 - Y / REP3 | | | | |
| | REP3 | Z | 8.000 | 7.972 | -0.100 | 0.100 | -0.028 | |
| DIM. 2500 - P2 | Distance | POINT 2500_P2 | - Y - POINT 2670_P3 | 8 - Y / REP3 | | | | |
| | REP3 | Z | 4.000 | 4.008 | -0.100 | 0.100 | 0.008 | |
| DIM. 2500 - P4 | Distance | POINT 2500_P4 | - Y - POINT 2670_P3 | 8 - Y / REP3 | | | | |
| | REP3 | Z | -4.000 | -4.003 | -0.100 | 0.100 | -0.003 | |
| DIM. 2500 - P5 | Distance | POINT 2500_P5 | - Y - POINT 2670_P3 | 8 - Y / REP3 | | | | |
| | REP3 | Z | -8.000 | -7.999 | -0.100 | 0.100 | 0.001 | |
| DIM. 2500 - X - P1 | Distance | POINT REF. K - I | POINT 2500_P1 - X / | REP3 | | | | |
| | REP3 | X | 0.000 | -0.025 | -0.100 | 0.100 | -0.025 | |
| DIM. 2500 - X - P2 | Distance | POINT REF. K - I | POINT 2500_P2 - X / | REP3 | | | | |
| | REP3 | X | 0.000 | -0.017 | -0.100 | 0.100 | -0.017 | |
| | | | | | | | | |



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|------------|---|--|--|--|--|--|--|
| 1 | POINT REF. K - P | _ | · | 1 | 1 | | |
| | X | | | -0.100 | 0.100 | 0.056 | |
| 1 | POINT REF. K - P | <u> </u> | i i | 0.400 | 0.400 | 0.074 | |
| | X | | | -0.100 | 0.100 | 0.071 | |
| 1 | POINT 2530_P1 | · I | [| 0.100 | 0.100 | 0.020 | |
| | DOINT 2530 D1 | | | -0.100 | 0.100 | -0.029 | |
| 1 | V V | 1 | 1 | -0.100 | 0.100 | -0.036 | |
| | POINT 2530 P2 | | | 0.100 | 0.100 | 0.030 | |
| 1 | Y | 1 | l f | -0.100 | 0.100 | -0.044 | |
| | POINT 2530 P2 | | | 0.200 | 0.1200 | | |
| REP3 | _ | · I | | -0.100 | 0.100 | -0.045 | |
| Distance | POINT 2530_P3 | - 1 - PLAN J / REP3 | | | <u> </u> | | |
| REP3 | Υ | 1.150 | 1.076 | -0.100 | 0.100 | -0.074 | |
| Distance | POINT 2530_P3 | - 2 - PLAN J / REP3 | | | | | |
| REP3 | Υ | 1.150 | 1.078 | -0.100 | 0.100 | -0.072 | |
| 1 | POINT 2530_P4 | | I I | 1 | 1 | | |
| | Υ | | | -0.140 | 0.100 | -0.078 | |
| 1 | POINT 2530_P4 | | I I | I | 1 | | |
| | Υ | | | -0.120 | 0.100 | -0.070 | |
| 1 | POINT 2530_P5 | | I I | 0.4.40 | 0.400 | 0.440 | |
| | Y | | | -0.140 | 0.100 | -0.119 | |
| 1 | POINT 2530_P5 | | | 0.120 | 0.100 | 0.102 | |
| | | | | -0.120 | 0.100 | -0.102 | |
| 1 | 7 | | 1 | -0 080 | 0.080 | -0.022 | |
| | CFRC B - POINT | | | -0.080 | 0.080 | -0.022 | |
| 1 | X | | 1 | -0.080 | 0.080 | -0.011 | |
| | POINT 2710 MF | | | 0.000 | 0.000 | 0.011 | |
| 1 | Z | ı | _ | -0.050 | 0.200 | -0.026 | |
| | POINT 2710_MF | 77 - 1 - POINT 2710 | | | | | |
| REP3 | Z | 54.200 | 54.457 | -0.100 | 0.550 | 0.257 | |
| Distance | POINT 2710_MF | 28 - 1 - POINT 2710 | _MP8 - 2 / REP3 | | | | |
| REP3 | Z | 54.200 | 54.273 | -0.000 | 0.200 | 0.073 | |
| Distance | POINT 2810_Y - | P1 - POINT 2810_\ | / - P3 / REP3 | ı | 1 | | |
| REP3 | Z | | | -0.075 | 0.075 | -0.055 | |
| 1 | POINT 2810_Y - | — 1 | | _ 1 | _ 1 | | |
| | Z | | | -0.075 | 0.075 | 0.034 | |
| 1 | POINT 2810_Y - | — ₁ | i | 0.0== | 0.07- | | |
| | Z | | | -0.075 | 0.075 | 0.129 | 0.0 |
| 1 | POINT 2810_Y - | - , | · | 0.075 | 0.075 | 0.450 | 0.0 |
| | | -8.000 | -7.842 | -0.075 | 0.075 | 0.158 | 0.0 |
| n rianeite | PLAN M | | | | | | |
| | Distance REP3 | Distance POINT REF. K - P REP3 X Distance POINT REF. K - P REP3 X Distance POINT 2530_P1 REP3 Y Distance POINT 2530_P2 REP3 Y Distance POINT 2530_P2 REP3 Y Distance POINT 2530_P2 REP3 Y Distance POINT 2530_P3 REP3 Y Distance POINT 2530_P3 REP3 Y Distance POINT 2530_P3 REP3 Y Distance POINT 2530_P4 REP3 Y Distance POINT 2530_P4 REP3 Y Distance POINT 2530_P5 REP3 Z Distance POINT 2710_MF REP3 Z Distance POINT 2810_Y - REP3 Z | Distance POINT REF. K - POINT 2500_P4 - X REP3 | Distance POINT REF. K - POINT 2500_P4 - X / REP3 X 0.000 0.056 | Distance POINT REF. K - POINT 2500_P4 - X / REP3 | Distance POINT REF. K - POINT 2500_P4 - X / REP3 X | Distance POINT REF. K - POINT 2500_P4 - X / REP3 X |