

S.S 685 "DELLE TRE VALLI UMBRE"
TRATTO SPOLETO - ACQUASPARTA
1° stralcio: Madonna di Baiano-Firenzuola

PROGETTO ESECUTIVO

COD. **PG143**

PROGETTAZIONE: ATI SINTAGMA - GDG - ICARIA

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:

Dott. Ing. Nando Granieri
 Ordine degli Ingegneri della Prov. di Perugia n° A351

IL PROGETTISTA:

Dott. Ing. Federico Durastanti
 Ordine degli Ingegneri della Prov. di Terni n° Terni n°A844

IL GEOLOGO:

Dott. Geol. Giorgio Cerquiglini
 Ordine dei Geologi della Regione Umbria n°108

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:

Dott. Ing. Filippo Pambianco
 Ordine degli Ingegneri della Prov. di Perugia n° A1373

Il Responsabile di Progetto

Arch. Pianificatore Marco Colazza

Il Responsabile del Procedimento

Dott. Ing.
 Alessandro Micheli

PROTOCOLLO

DATA

IL GRUPPO DI PROGETTAZIONE:

MANDATARIA:

MANDANTI:



Dott.Ing. N.Granieri
 Dott.Arch. N.Kamenicky
 Dott.Ing. V.Truffini
 Dott.Arch. A.Bracchini
 Dott.Ing. F.Durastanti
 Dott.Ing. E.Bartolucci
 Dott.Geol. G.Cerquiglini
 Geom. S.Scopetta
 Dott.Ing. L.Sbrenna
 Dott.Ing. E.Sellari
 Dott.Ing. L.Dinelli
 Dott.Ing. L.Nani
 Dott.Ing. F.Pambianco
 Dott. Agr. F.Berti Nulli

Dott. Ing. D.Carlaccini
 Dott. Ing. S.Sacconi
 Dott. Ing. C.Consorti
 Dott. Ing. E.Loffredo
 Dott. Ing. C.Chierichini

Dott. Ing. V.Rotisciani
 Dott. Ing. F.Macchioni
 Geom. C.Vischini
 Dott. Ing. V.Piunno
 Dott. Ing. G.Pulli
 Geom. C.Sugaroni



08.VIADOTTI E PONTI
08.02 VIADOTTO MOLINO VECCHIO

Allegato Relazione di calcolo con dettaglio delle azioni sugli appoggi

| CODICE PROGETTO | | | NOME FILE | REVISIONE | SCALA: |
|-----------------|----------------------------|------|-----------------------------|----------------|---------------------------------------|
| PROGETTO | LIV. PROG. | ANNO | <i>T00VI02STRRE13A</i> | | |
| DTPG143 | E | 23 | CODICE ELAB. T00VI02STRRE13 | A | - |
| | | | | | |
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| A | Emis. A seguito istr. ANAS | | <i>Set 2023</i> | <i>P.Manni</i> | <i>F.Durastanti</i> <i>N.Granieri</i> |
| REV. | DESCRIZIONE | | DATA | REDATTO | VERIFICATO APPROVATO |

Model Information

Out

Mo Scale: 1: 2.02482E3
Zoom: 221.068
Us Eye: (-0.104164, -0.305401, 0.946509)
Un Analysis: 04_Fase3
LU Loadcase: 50.Fw

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Solver version 20.0.1

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Scale: 1: 2.02482E3
Zoom: 221.068
Eye: (-0.104164, -0.305401, 0.946509)
C Analysis: 04_Fase3
S Loadcase: 50.Fw

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Point 1

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1443.00 | 1.00 | 23.63 | 122.72 | -705.23 | 12.43 | 64.59 | 65.78 |
| 5173:SLU STR (Min)(Fx) | 1443.00 | 1.00 | -23.63 | -122.92 | -1485.75 | -12.43 | -64.69 | 65.88 |
| 5172:SLU STR (Max)(Fy) | 1443.00 | 1.00 | 23.63 | 205.84 | -1734.26 | 12.43 | 108.34 | 109.05 |
| 5173:SLU STR (Min)(Fy) | 1443.00 | 1.00 | -23.63 | -205.53 | -1421.84 | -12.43 | -108.18 | 108.89 |
| 5172:SLU STR (Max)(Fz) | 1443.00 | 1.00 | 23.63 | 122.50 | -287.86 | 12.43 | 64.47 | 65.66 |
| 5173:SLU STR (Min)(Fz) | 1443.00 | 1.00 | -23.63 | -122.15 | -3300.10 | -12.43 | -64.29 | 65.48 |
| 5174:SLE RARA (Max)(Fx) | 1443.00 | 1.00 | 17.50 | 81.79 | -763.94 | 9.21 | 43.05 | 44.02 |
| 5175:SLE RARA (Min)(Fx) | 1443.00 | 1.00 | -17.50 | -81.94 | -1096.79 | -9.21 | -43.13 | 44.10 |
| 5174:SLE RARA (Max)(Fy) | 1443.00 | 1.00 | 17.50 | 137.29 | -1532.41 | 9.21 | 72.26 | 72.84 |
| 5175:SLE RARA (Min)(Fy) | 1443.00 | 1.00 | -17.50 | -137.07 | -1040.14 | -9.21 | -72.14 | 72.73 |
| 5174:SLE RARA (Max)(Fz) | 1443.00 | 1.00 | 17.50 | 81.63 | -476.28 | 9.21 | 42.96 | 43.94 |
| 5175:SLE RARA (Min)(Fz) | 1443.00 | 1.00 | -17.50 | -81.37 | -2418.96 | -9.21 | -42.83 | 43.81 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1443.00 | 1.00 | 17.50 | 0.00 | -908.89 | 9.21 | 0.00 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1443.00 | 1.00 | -17.50 | 0.00 | -864.30 | -9.21 | 0.00 | 9.21 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1443.00 | 1.00 | 17.50 | 27.33 | -898.63 | 9.21 | 14.38 | 17.08 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1443.00 | 1.00 | -17.50 | -27.33 | -893.39 | -9.21 | -14.38 | 17.08 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1443.00 | 1.00 | 17.50 | -0.19 | -652.03 | 9.21 | -0.10 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1443.00 | 1.00 | -17.50 | 0.42 | -1824.77 | -9.21 | 0.22 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1443.00 | 1.00 | 17.50 | 0.00 | -937.45 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1443.00 | 1.00 | -17.50 | 0.00 | -875.57 | -9.21 | 0.00 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1443.00 | 1.00 | 17.50 | 0.00 | -958.30 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1443.00 | 1.00 | -17.50 | 0.00 | -871.69 | -9.21 | 0.00 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1443.00 | 1.00 | 17.50 | 0.00 | -807.53 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1443.00 | 1.00 | -17.50 | 0.00 | -1001.48 | -9.21 | 0.00 | 9.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1443.00 | 1.00 | 17.50 | 56.06 | -713.53 | 9.21 | 29.50 | 30.91 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1443.00 | 1.00 | -17.50 | -56.06 | -1061.51 | -9.21 | -29.50 | 30.91 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1443.00 | 1.00 | 17.50 | 186.94 | -650.23 | 9.21 | 98.39 | 98.82 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1443.00 | 1.00 | -17.50 | -186.94 | -1141.78 | -9.21 | -98.39 | 98.82 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1443.00 | 1.00 | 17.50 | 186.94 | -499.08 | 9.21 | 98.39 | 98.82 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1443.00 | 1.00 | -17.50 | -186.94 | -1271.95 | -9.21 | -98.39 | 98.82 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1443.00 | 1.00 | 17.50 | 66.83 | -654.61 | 9.21 | 35.18 | 36.36 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1443.00 | 1.00 | -17.50 | -66.83 | -1120.43 | -9.21 | -35.18 | 36.36 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1443.00 | 1.00 | 17.50 | 222.89 | -575.15 | 9.21 | 117.31 | 117.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1443.00 | 1.00 | -17.50 | -222.89 | -1216.87 | -9.21 | -117.31 | 117.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1443.00 | 1.00 | 17.50 | 222.89 | -424.38 | 9.21 | 117.31 | 117.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1443.00 | 1.00 | -17.50 | -222.89 | -1346.65 | -9.21 | -117.31 | 117.67 |

Point 2

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1444.00 | 1.00 | 23.63 | -122.72 | -705.23 | 12.43 | -64.59 | 65.78 |
| 5173:SLU STR (Min)(Fx) | 1444.00 | 1.00 | -23.63 | 122.92 | -1485.75 | -12.43 | 64.69 | 65.88 |
| 5172:SLU STR (Max)(Fy) | 1444.00 | 1.00 | 23.63 | 205.53 | -1023.64 | 12.43 | 108.18 | 108.89 |
| 5173:SLU STR (Min)(Fy) | 1444.00 | 1.00 | -23.63 | -205.84 | -2065.22 | -12.43 | -108.34 | 109.05 |
| 5172:SLU STR (Max)(Fz) | 1444.00 | 1.00 | 23.63 | -122.50 | -287.86 | 12.43 | -64.47 | 65.66 |
| 5173:SLU STR (Min)(Fz) | 1444.00 | 1.00 | -23.63 | 122.15 | -3300.10 | -12.43 | 64.29 | 65.48 |
| 5174:SLE RARA (Max)(Fx) | 1444.00 | 1.00 | 17.50 | -81.79 | -763.94 | 9.21 | -43.05 | 44.02 |
| 5175:SLE RARA (Min)(Fx) | 1444.00 | 1.00 | -17.50 | 81.94 | -1096.79 | -9.21 | 43.13 | 44.10 |
| 5174:SLE RARA (Max)(Fy) | 1444.00 | 1.00 | 17.50 | 137.07 | -1010.18 | 9.21 | 72.14 | 72.73 |
| 5175:SLE RARA (Min)(Fy) | 1444.00 | 1.00 | -17.50 | -137.29 | -1517.54 | -9.21 | -72.26 | 72.84 |
| 5174:SLE RARA (Max)(Fz) | 1444.00 | 1.00 | 17.50 | -81.63 | -476.28 | 9.21 | -42.96 | 43.94 |
| 5175:SLE RARA (Min)(Fz) | 1444.00 | 1.00 | -17.50 | 81.37 | -2418.96 | -9.21 | 42.83 | 43.81 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1444.00 | 1.00 | 17.50 | 0.00 | -908.89 | 9.21 | 0.00 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1444.00 | 1.00 | -17.50 | 0.00 | -864.30 | -9.21 | 0.00 | 9.21 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1444.00 | 1.00 | 17.50 | 27.33 | -867.70 | 9.21 | 14.38 | 17.08 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1444.00 | 1.00 | -17.50 | -27.33 | -886.97 | -9.21 | -14.38 | 17.08 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1444.00 | 1.00 | 17.50 | 0.19 | -652.03 | 9.21 | 0.10 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1444.00 | 1.00 | -17.50 | -0.42 | -1824.77 | -9.21 | -0.22 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1444.00 | 1.00 | 17.50 | 0.00 | -937.45 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1444.00 | 1.00 | -17.50 | 0.00 | -875.57 | -9.21 | 0.00 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1444.00 | 1.00 | 17.50 | 0.00 | -808.88 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1444.00 | 1.00 | -17.50 | 0.00 | -908.66 | -9.21 | 0.00 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1444.00 | 1.00 | 17.50 | 0.00 | -807.53 | 9.21 | 0.00 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1444.00 | 1.00 | -17.50 | 0.00 | -1001.48 | -9.21 | 0.00 | 9.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1444.00 | 1.00 | 17.50 | 56.06 | -713.53 | 9.21 | 29.50 | 30.91 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1444.00 | 1.00 | -17.50 | -56.06 | -1061.51 | -9.21 | -29.50 | 30.91 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1444.00 | 1.00 | 17.50 | 186.94 | -575.91 | 9.21 | 98.39 | 98.82 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1444.00 | 1.00 | -17.50 | -186.94 | -1178.75 | -9.21 | -98.39 | 98.82 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1444.00 | 1.00 | 17.50 | 186.94 | -499.08 | 9.21 | 98.39 | 98.82 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1444.00 | 1.00 | -17.50 | -186.94 | -1271.95 | -9.21 | -98.39 | 98.82 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1444.00 | 1.00 | 17.50 | 66.83 | -654.61 | 9.21 | 35.18 | 36.36 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1444.00 | 1.00 | -17.50 | -66.83 | -1120.43 | -9.21 | -35.18 | 36.36 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1444.00 | 1.00 | 17.50 | 222.89 | -500.83 | 9.21 | 117.31 | 117.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1444.00 | 1.00 | -17.50 | -222.89 | -1253.83 | -9.21 | -117.31 | 117.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1444.00 | 1.00 | 17.50 | 222.89 | -424.38 | 9.21 | 117.31 | 117.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1444.00 | 1.00 | -17.50 | -222.89 | -1346.65 | -9.21 | -117.31 | 117.67 |

Point 3

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1445.00 | 1.00 | 401.35 | 249.73 | -4027.79 | 113.70 | 70.74 | 133.91 |
| 5173:SLU STR (Min)(Fx) | 1445.00 | 1.00 | -383.05 | -249.59 | -6297.26 | -108.51 | -70.70 | 129.52 |
| 5172:SLU STR (Max)(Fy) | 1445.00 | 1.00 | -35.71 | 418.12 | -6667.97 | -10.12 | 118.45 | 118.88 |
| 5173:SLU STR (Min)(Fy) | 1445.00 | 1.00 | 124.05 | -417.25 | -4270.52 | 35.14 | -118.20 | 123.31 |
| 5172:SLU STR (Max)(Fz) | 1445.00 | 1.00 | 131.79 | 416.23 | -3072.36 | 37.34 | 117.91 | 123.68 |
| 5173:SLU STR (Min)(Fz) | 1445.00 | 1.00 | -44.55 | -247.74 | -8805.37 | -12.62 | -70.18 | 71.31 |
| 5174:SLE RARA (Max)(Fx) | 1445.00 | 1.00 | 276.93 | 166.47 | -3957.69 | 78.45 | 47.16 | 91.53 |
| 5175:SLE RARA (Min)(Fx) | 1445.00 | 1.00 | -247.60 | -166.37 | -4675.21 | -70.14 | -47.13 | 84.51 |
| 5174:SLE RARA (Max)(Fy) | 1445.00 | 1.00 | -15.26 | 278.87 | -4978.29 | -4.32 | 79.00 | 79.12 |
| 5175:SLE RARA (Min)(Fy) | 1445.00 | 1.00 | 91.66 | -278.22 | -4109.58 | 25.97 | -78.82 | 82.98 |
| 5174:SLE RARA (Max)(Fz) | 1445.00 | 1.00 | 96.87 | 166.21 | -3268.88 | 27.44 | 47.09 | 54.50 |
| 5175:SLE RARA (Min)(Fz) | 1445.00 | 1.00 | -21.35 | -165.00 | -6519.12 | -6.05 | -46.74 | 47.13 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1445.00 | 1.00 | 183.07 | 0.00 | -3907.85 | 51.86 | 0.00 | 51.86 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1445.00 | 1.00 | -128.30 | 0.00 | -3760.10 | -36.34 | 0.00 | 36.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1445.00 | 1.00 | -6.41 | 55.53 | -3967.08 | -1.82 | 15.73 | 15.84 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1445.00 | 1.00 | 84.54 | -55.53 | -3702.06 | 23.95 | -15.73 | 28.65 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1445.00 | 1.00 | 86.46 | -0.20 | -3529.15 | 24.49 | -0.06 | 24.49 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1445.00 | 1.00 | -8.33 | 1.05 | -5242.42 | -2.36 | 0.30 | 2.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1445.00 | 1.00 | 159.09 | 0.00 | -3892.16 | 45.07 | 0.00 | 45.07 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1445.00 | 1.00 | -100.28 | 0.00 | -3771.16 | -28.41 | 0.00 | 28.41 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1445.00 | 1.00 | -6.78 | 0.00 | -3920.94 | -1.92 | 0.00 | 1.92 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1445.00 | 1.00 | 85.05 | 0.00 | -3654.33 | 24.09 | 0.00 | 24.09 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1445.00 | 1.00 | 85.29 | 0.00 | -3748.05 | 24.16 | 0.00 | 24.16 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1445.00 | 1.00 | -6.93 | 0.00 | -4014.82 | -1.96 | 0.00 | 1.96 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1445.00 | 1.00 | 703.39 | 115.66 | -3548.57 | 199.26 | 32.76 | 201.94 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1445.00 | 1.00 | -643.14 | -115.66 | -4117.01 | -182.19 | -32.76 | 185.12 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1445.00 | 1.00 | 167.71 | 385.75 | -3483.03 | 47.51 | 109.28 | 119.16 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1445.00 | 1.00 | -89.59 | -385.75 | -4186.12 | -25.38 | -109.28 | 112.18 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1445.00 | 1.00 | 259.69 | 385.75 | -3122.54 | 73.57 | 109.28 | 131.73 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1445.00 | 1.00 | -181.57 | -385.75 | -4546.61 | -51.44 | -109.28 | 120.78 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1445.00 | 1.00 | 814.42 | 137.90 | -3437.40 | 230.71 | 39.06 | 234.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1445.00 | 1.00 | -754.17 | -137.90 | -4228.18 | -213.65 | -39.06 | 217.19 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1445.00 | 1.00 | 203.35 | 459.95 | -3336.15 | 57.61 | 130.30 | 142.46 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1445.00 | 1.00 | -125.23 | -459.95 | -4333.00 | -35.48 | -130.30 | 135.04 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1445.00 | 1.00 | 295.34 | 459.95 | -2975.66 | 83.66 | 130.30 | 154.85 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1445.00 | 1.00 | -217.21 | -459.95 | -4693.49 | -61.53 | -130.30 | 144.10 |

Point 4

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1446.00 | 1.00 | 401.35 | -249.73 | -4027.79 | 113.70 | -70.74 | 133.91 |
| 5173:SLU STR (Min)(Fx) | 1446.00 | 1.00 | -383.05 | 249.59 | -6297.26 | -108.51 | 70.70 | 129.52 |
| 5172:SLU STR (Max)(Fy) | 1446.00 | 1.00 | 124.05 | 417.25 | -4270.52 | 35.14 | 118.20 | 123.31 |
| 5173:SLU STR (Min)(Fy) | 1446.00 | 1.00 | -35.71 | -418.12 | -6667.97 | -10.12 | -118.45 | 118.88 |
| 5172:SLU STR (Max)(Fz) | 1446.00 | 1.00 | 131.79 | -416.23 | -3072.36 | 37.34 | -117.91 | 123.68 |
| 5173:SLU STR (Min)(Fz) | 1446.00 | 1.00 | -44.55 | 247.74 | -8805.37 | -12.62 | 70.18 | 71.31 |
| 5174:SLE RARA (Max)(Fx) | 1446.00 | 1.00 | 276.93 | -166.47 | -3957.69 | 78.45 | -47.16 | 91.53 |
| 5175:SLE RARA (Min)(Fx) | 1446.00 | 1.00 | -247.60 | 166.37 | -4675.21 | -70.14 | 47.13 | 84.51 |
| 5174:SLE RARA (Max)(Fy) | 1446.00 | 1.00 | 91.66 | 278.22 | -4109.58 | 25.97 | 78.82 | 82.98 |
| 5175:SLE RARA (Min)(Fy) | 1446.00 | 1.00 | -15.26 | -278.87 | -4978.29 | -4.32 | -79.00 | 79.12 |
| 5174:SLE RARA (Max)(Fz) | 1446.00 | 1.00 | 96.87 | -166.21 | -3268.88 | 27.44 | -47.09 | 54.50 |
| 5175:SLE RARA (Min)(Fz) | 1446.00 | 1.00 | -21.35 | 165.00 | -6519.12 | -6.05 | 46.74 | 47.13 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1446.00 | 1.00 | 183.07 | 0.00 | -3907.85 | 51.86 | 0.00 | 51.86 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1446.00 | 1.00 | -128.30 | 0.00 | -3760.10 | -36.34 | 0.00 | 36.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1446.00 | 1.00 | 84.54 | 55.53 | -3702.06 | 23.95 | 15.73 | 28.65 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1446.00 | 1.00 | -6.41 | -55.53 | -3967.08 | -1.82 | -15.73 | 15.84 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1446.00 | 1.00 | 86.46 | 0.20 | -3529.15 | 24.49 | 0.06 | 24.49 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1446.00 | 1.00 | -8.33 | -1.05 | -5242.42 | -2.36 | -0.30 | 2.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1446.00 | 1.00 | 159.09 | 0.00 | -3892.16 | 45.07 | 0.00 | 45.07 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1446.00 | 1.00 | -100.28 | 0.00 | -3771.16 | -28.41 | 0.00 | 28.41 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1446.00 | 1.00 | 85.29 | 0.00 | -3748.05 | 24.16 | 0.00 | 24.16 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1446.00 | 1.00 | -6.93 | 0.00 | -4014.82 | -1.96 | 0.00 | 1.96 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1446.00 | 1.00 | 85.29 | 0.00 | -3748.05 | 24.16 | 0.00 | 24.16 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1446.00 | 1.00 | -6.93 | 0.00 | -4014.82 | -1.96 | 0.00 | 1.96 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1446.00 | 1.00 | 703.39 | 115.66 | -3548.57 | 199.26 | 32.76 | 201.94 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1446.00 | 1.00 | -643.14 | -115.66 | -4117.01 | -182.19 | -32.76 | 185.12 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1446.00 | 1.00 | 259.69 | 385.75 | -3122.54 | 73.57 | 109.28 | 131.73 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1446.00 | 1.00 | -181.57 | -385.75 | -4546.61 | -51.44 | -109.28 | 120.78 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1446.00 | 1.00 | 259.69 | 385.75 | -3122.54 | 73.57 | 109.28 | 131.73 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1446.00 | 1.00 | -181.57 | -385.75 | -4546.61 | -51.44 | -109.28 | 120.78 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1446.00 | 1.00 | 814.42 | 137.90 | -3437.40 | 230.71 | 39.06 | 234.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1446.00 | 1.00 | -754.17 | -137.90 | -4228.18 | -213.65 | -39.06 | 217.19 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1446.00 | 1.00 | 295.34 | 459.95 | -2975.66 | 83.66 | 130.30 | 154.85 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1446.00 | 1.00 | -217.21 | -459.95 | -4693.49 | -61.53 | -130.30 | 144.10 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1446.00 | 1.00 | 295.34 | 459.95 | -2975.66 | 83.66 | 130.30 | 154.85 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1446.00 | 1.00 | -217.21 | -459.95 | -4693.49 | -61.53 | -130.30 | 144.10 |

Point 5

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1447.00 | 1.00 | 285.30 | 277.27 | -5925.33 | 80.82 | 78.55 | 112.70 |
| 5173:SLU STR (Min)(Fx) | 1447.00 | 1.00 | -270.08 | -276.76 | -5189.21 | -76.51 | -78.40 | 109.55 |
| 5172:SLU STR (Max)(Fy) | 1447.00 | 1.00 | 91.20 | 463.87 | -6812.57 | 25.83 | 131.41 | 133.92 |
| 5173:SLU STR (Min)(Fy) | 1447.00 | 1.00 | -30.29 | -462.83 | -4493.65 | -8.58 | -131.11 | 131.39 |
| 5172:SLU STR (Max)(Fz) | 1447.00 | 1.00 | -23.93 | 276.25 | -3211.25 | -6.78 | 78.26 | 78.55 |
| 5173:SLU STR (Min)(Fz) | 1447.00 | 1.00 | 86.49 | -274.37 | -9152.46 | 24.50 | -77.73 | 81.50 |
| 5174:SLE RARA (Max)(Fx) | 1447.00 | 1.00 | 197.47 | 184.86 | -4406.01 | 55.94 | 52.37 | 76.63 |
| 5175:SLE RARA (Min)(Fx) | 1447.00 | 1.00 | -175.21 | -184.48 | -4857.84 | -49.63 | -52.26 | 72.07 |
| 5174:SLE RARA (Max)(Fy) | 1447.00 | 1.00 | 67.01 | 309.39 | -5085.07 | 18.98 | 87.65 | 89.68 |
| 5175:SLE RARA (Min)(Fy) | 1447.00 | 1.00 | -14.23 | -308.63 | -4320.60 | -4.03 | -87.43 | 87.52 |
| 5174:SLE RARA (Max)(Fz) | 1447.00 | 1.00 | -9.84 | 184.11 | -3417.42 | -2.79 | 52.15 | 52.23 |
| 5175:SLE RARA (Min)(Fz) | 1447.00 | 1.00 | 63.85 | -182.71 | -6771.57 | 18.09 | -51.76 | 54.83 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1447.00 | 1.00 | 128.15 | 0.00 | -4014.50 | 36.30 | 0.00 | 36.30 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1447.00 | 1.00 | -90.17 | 0.00 | -3927.27 | -25.54 | 0.00 | 25.54 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1447.00 | 1.00 | 60.30 | 61.58 | -4045.26 | 17.08 | 17.44 | 24.42 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1447.00 | 1.00 | -6.18 | -61.58 | -3896.82 | -1.75 | -17.44 | 17.53 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1447.00 | 1.00 | -4.67 | -0.30 | -3705.80 | -1.32 | -0.09 | 1.33 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1447.00 | 1.00 | 59.66 | 1.29 | -5393.36 | 16.90 | 0.37 | 16.90 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1447.00 | 1.00 | 110.77 | 0.00 | -3983.85 | 31.38 | 0.00 | 31.38 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1447.00 | 1.00 | -70.78 | 0.00 | -3929.77 | -20.05 | 0.00 | 20.05 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1447.00 | 1.00 | 60.36 | 0.00 | -3984.86 | 17.10 | 0.00 | 17.10 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1447.00 | 1.00 | -5.82 | 0.00 | -3844.22 | -1.65 | 0.00 | 1.65 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1447.00 | 1.00 | -6.11 | 0.00 | -3959.40 | -1.73 | 0.00 | 1.73 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1447.00 | 1.00 | 59.94 | 0.00 | -4097.85 | 16.98 | 0.00 | 16.98 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1447.00 | 1.00 | 634.90 | 143.15 | -3732.94 | 179.86 | 40.55 | 184.37 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1447.00 | 1.00 | -593.11 | -143.15 | -4209.26 | -168.02 | -40.55 | 172.85 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1447.00 | 1.00 | 226.41 | 477.41 | -3585.57 | 64.14 | 135.24 | 149.68 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1447.00 | 1.00 | -172.29 | -477.41 | -4356.50 | -48.81 | -135.24 | 143.78 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1447.00 | 1.00 | 160.64 | 477.41 | -3331.95 | 45.51 | 135.24 | 142.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1447.00 | 1.00 | -106.52 | -477.41 | -4610.13 | -30.18 | -135.24 | 138.57 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1447.00 | 1.00 | 738.69 | 170.68 | -3649.13 | 209.26 | 48.35 | 214.77 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1447.00 | 1.00 | -696.90 | -170.68 | -4293.08 | -197.42 | -48.35 | 203.26 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1447.00 | 1.00 | 259.45 | 569.25 | -3456.93 | 73.50 | 161.26 | 177.22 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1447.00 | 1.00 | -205.33 | -569.25 | -4485.14 | -58.17 | -161.26 | 171.43 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1447.00 | 1.00 | 193.69 | 569.25 | -3203.30 | 54.87 | 161.26 | 170.34 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1447.00 | 1.00 | -139.57 | -569.25 | -4738.77 | -39.54 | -161.26 | 166.04 |

Point 6

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1448.00 | 1.00 | 285.30 | -277.27 | -5925.33 | 80.82 | -78.55 | 112.70 |
| 5173:SLU STR (Min)(Fx) | 1448.00 | 1.00 | -270.08 | 276.76 | -5189.21 | -76.51 | 78.40 | 109.55 |
| 5172:SLU STR (Max)(Fy) | 1448.00 | 1.00 | -30.29 | 462.83 | -4493.65 | -8.58 | 131.11 | 131.39 |
| 5173:SLU STR (Min)(Fy) | 1448.00 | 1.00 | 91.20 | -463.87 | -6812.57 | 25.83 | -131.41 | 133.92 |
| 5172:SLU STR (Max)(Fz) | 1448.00 | 1.00 | -23.93 | -276.25 | -3211.25 | -6.78 | -78.26 | 78.55 |
| 5173:SLU STR (Min)(Fz) | 1448.00 | 1.00 | 86.49 | 274.37 | -9152.46 | 24.50 | 77.73 | 81.50 |
| 5174:SLE RARA (Max)(Fx) | 1448.00 | 1.00 | 197.47 | -184.86 | -4406.01 | 55.94 | -52.37 | 76.63 |
| 5175:SLE RARA (Min)(Fx) | 1448.00 | 1.00 | -175.21 | 184.48 | -4857.84 | -49.63 | 52.26 | 72.07 |
| 5174:SLE RARA (Max)(Fy) | 1448.00 | 1.00 | -14.23 | 308.63 | -4320.60 | -4.03 | 87.43 | 87.52 |
| 5175:SLE RARA (Min)(Fy) | 1448.00 | 1.00 | 67.01 | -309.39 | -5085.07 | 18.98 | -87.65 | 89.68 |
| 5174:SLE RARA (Max)(Fz) | 1448.00 | 1.00 | -9.84 | -184.11 | -3417.42 | -2.79 | -52.15 | 52.23 |
| 5175:SLE RARA (Min)(Fz) | 1448.00 | 1.00 | 63.85 | 182.71 | -6771.57 | 18.09 | 51.76 | 54.83 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1448.00 | 1.00 | 128.15 | 0.00 | -4014.50 | 36.30 | 0.00 | 36.30 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1448.00 | 1.00 | -90.17 | 0.00 | -3927.27 | -25.54 | 0.00 | 25.54 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1448.00 | 1.00 | -6.18 | 61.58 | -3896.82 | -1.75 | 17.44 | 17.53 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1448.00 | 1.00 | 60.30 | -61.58 | -4045.26 | 17.08 | -17.44 | 24.42 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1448.00 | 1.00 | -4.67 | 0.30 | -3705.80 | -1.32 | 0.09 | 1.33 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1448.00 | 1.00 | 59.66 | -1.29 | -5393.36 | 16.90 | -0.37 | 16.90 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1448.00 | 1.00 | 110.77 | 0.00 | -3983.85 | 31.38 | 0.00 | 31.38 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1448.00 | 1.00 | -70.78 | 0.00 | -3929.77 | -20.05 | 0.00 | 20.05 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1448.00 | 1.00 | -6.11 | 0.00 | -3959.40 | -1.73 | 0.00 | 1.73 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1448.00 | 1.00 | 59.94 | 0.00 | -4097.85 | 16.98 | 0.00 | 16.98 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1448.00 | 1.00 | -6.11 | 0.00 | -3959.40 | -1.73 | 0.00 | 1.73 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1448.00 | 1.00 | 59.94 | 0.00 | -4097.85 | 16.98 | 0.00 | 16.98 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1448.00 | 1.00 | 634.90 | 143.15 | -3732.94 | 179.86 | 40.55 | 184.37 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1448.00 | 1.00 | -593.11 | -143.15 | -4209.26 | -168.02 | -40.55 | 172.85 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1448.00 | 1.00 | 160.64 | 477.41 | -3331.95 | 45.51 | 135.24 | 142.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1448.00 | 1.00 | -106.52 | -477.41 | -4610.13 | -30.18 | -135.24 | 138.57 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1448.00 | 1.00 | 160.64 | 477.41 | -3331.95 | 45.51 | 135.24 | 142.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1448.00 | 1.00 | -106.52 | -477.41 | -4610.13 | -30.18 | -135.24 | 138.57 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1448.00 | 1.00 | 738.69 | 170.68 | -3649.13 | 209.26 | 48.35 | 214.77 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1448.00 | 1.00 | -696.90 | -170.68 | -4293.08 | -197.42 | -48.35 | 203.26 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1448.00 | 1.00 | 193.69 | 569.25 | -3203.30 | 54.87 | 161.26 | 170.34 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1448.00 | 1.00 | -139.57 | -569.25 | -4738.77 | -39.54 | -161.26 | 166.04 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1448.00 | 1.00 | 193.69 | 569.25 | -3203.30 | 54.87 | 161.26 | 170.34 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1448.00 | 1.00 | -139.57 | -569.25 | -4738.77 | -39.54 | -161.26 | 166.04 |

Point 7

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1449.00 | 1.00 | 164.55 | 293.61 | -4763.93 | 46.61 | 83.18 | 95.35 |
| 5173:SLU STR (Min)(Fx) | 1449.00 | 1.00 | -156.77 | -292.88 | -6549.53 | -44.41 | -82.97 | 94.11 |
| 5172:SLU STR (Max)(Fy) | 1449.00 | 1.00 | 95.42 | 490.79 | -6707.57 | 27.03 | 139.03 | 141.64 |
| 5173:SLU STR (Min)(Fy) | 1449.00 | 1.00 | -74.90 | -489.76 | -4462.58 | -21.22 | -138.74 | 140.35 |
| 5172:SLU STR (Max)(Fz) | 1449.00 | 1.00 | -70.91 | 292.24 | -3091.53 | -20.09 | 82.79 | 85.19 |
| 5173:SLU STR (Min)(Fz) | 1449.00 | 1.00 | 92.77 | -290.45 | -9092.15 | 26.28 | -82.28 | 86.37 |
| 5174:SLE RARA (Max)(Fx) | 1449.00 | 1.00 | 114.23 | 195.77 | -4563.91 | 32.36 | 55.46 | 64.21 |
| 5175:SLE RARA (Min)(Fx) | 1449.00 | 1.00 | -102.44 | -195.23 | -4830.10 | -29.02 | -55.31 | 62.46 |
| 5174:SLE RARA (Max)(Fy) | 1449.00 | 1.00 | 66.73 | 327.35 | -5012.36 | 18.91 | 92.73 | 94.64 |
| 5175:SLE RARA (Min)(Fy) | 1449.00 | 1.00 | -46.44 | -326.58 | -4275.49 | -13.15 | -92.52 | 93.45 |
| 5174:SLE RARA (Max)(Fz) | 1449.00 | 1.00 | -43.63 | 194.75 | -3308.79 | -12.36 | 55.17 | 56.54 |
| 5175:SLE RARA (Min)(Fz) | 1449.00 | 1.00 | 64.92 | -193.43 | -6729.82 | 18.39 | -54.79 | 57.80 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1449.00 | 1.00 | 72.92 | 0.00 | -3942.64 | 20.66 | 0.00 | 20.66 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1449.00 | 1.00 | -52.40 | 0.00 | -3878.58 | -14.85 | 0.00 | 14.85 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1449.00 | 1.00 | 57.71 | 65.16 | -3977.98 | 16.35 | 18.46 | 24.66 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1449.00 | 1.00 | -35.07 | -65.16 | -3843.23 | -9.94 | -18.46 | 20.96 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1449.00 | 1.00 | -33.86 | -0.35 | -3631.06 | -9.59 | -0.10 | 9.59 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1449.00 | 1.00 | 57.15 | 1.31 | -5335.42 | 16.19 | 0.37 | 16.19 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1449.00 | 1.00 | 62.28 | 0.00 | -3909.32 | 17.64 | 0.00 | 17.64 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1449.00 | 1.00 | -41.62 | 0.00 | -3878.52 | -11.79 | 0.00 | 11.79 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1449.00 | 1.00 | 57.35 | 0.00 | -3913.64 | 16.25 | 0.00 | 16.25 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1449.00 | 1.00 | -34.90 | 0.00 | -3788.23 | -9.89 | 0.00 | 9.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1449.00 | 1.00 | -34.72 | 0.00 | -3905.71 | -9.83 | 0.00 | 9.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1449.00 | 1.00 | 57.53 | 0.00 | -4032.99 | 16.30 | 0.00 | 16.30 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1449.00 | 1.00 | 572.04 | 167.34 | -3601.24 | 162.05 | 47.41 | 168.84 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1449.00 | 1.00 | -549.40 | -167.34 | -4219.97 | -155.64 | -47.41 | 162.70 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1449.00 | 1.00 | 215.43 | 558.00 | -3417.08 | 61.03 | 158.07 | 169.45 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1449.00 | 1.00 | -192.79 | -558.00 | -4404.14 | -54.62 | -158.07 | 167.24 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1449.00 | 1.00 | 123.00 | 558.00 | -3172.32 | 34.84 | 158.07 | 161.87 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1449.00 | 1.00 | -100.36 | -558.00 | -4648.90 | -28.43 | -158.07 | 160.61 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1449.00 | 1.00 | 670.82 | 199.52 | -3497.26 | 190.03 | 56.52 | 198.26 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1449.00 | 1.00 | -648.18 | -199.52 | -4323.96 | -183.62 | -56.52 | 192.12 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1449.00 | 1.00 | 246.15 | 665.34 | -3260.19 | 69.73 | 188.48 | 200.97 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1449.00 | 1.00 | -223.51 | -665.34 | -4561.03 | -63.32 | -188.48 | 198.83 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1449.00 | 1.00 | 153.71 | 665.34 | -3015.43 | 43.55 | 188.48 | 193.44 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1449.00 | 1.00 | -131.08 | -665.34 | -4805.79 | -37.13 | -188.48 | 192.10 |

Point 8

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1450.00 | 1.00 | 164.55 | -293.61 | -4763.93 | 46.61 | -83.18 | 95.35 |
| 5173:SLU STR (Min)(Fx) | 1450.00 | 1.00 | -156.77 | 292.88 | -6549.53 | -44.41 | 82.97 | 94.11 |
| 5172:SLU STR (Max)(Fy) | 1450.00 | 1.00 | -74.90 | 489.76 | -4462.58 | -21.22 | 138.74 | 140.35 |
| 5173:SLU STR (Min)(Fy) | 1450.00 | 1.00 | 95.42 | -490.79 | -6707.57 | 27.03 | -139.03 | 141.64 |
| 5172:SLU STR (Max)(Fz) | 1450.00 | 1.00 | -70.91 | -292.24 | -3091.53 | -20.09 | -82.79 | 85.19 |
| 5173:SLU STR (Min)(Fz) | 1450.00 | 1.00 | 92.77 | 290.45 | -9092.15 | 26.28 | 82.28 | 86.37 |
| 5174:SLE RARA (Max)(Fx) | 1450.00 | 1.00 | 114.23 | -195.77 | -4563.91 | 32.36 | -55.46 | 64.21 |
| 5175:SLE RARA (Min)(Fx) | 1450.00 | 1.00 | -102.44 | 195.23 | -4830.10 | -29.02 | 55.31 | 62.46 |
| 5174:SLE RARA (Max)(Fy) | 1450.00 | 1.00 | -46.44 | 326.58 | -4275.49 | -13.15 | 92.52 | 93.45 |
| 5175:SLE RARA (Min)(Fy) | 1450.00 | 1.00 | 66.73 | -327.35 | -5012.36 | 18.91 | -92.73 | 94.64 |
| 5174:SLE RARA (Max)(Fz) | 1450.00 | 1.00 | -43.63 | -194.75 | -3308.79 | -12.36 | -55.17 | 56.54 |
| 5175:SLE RARA (Min)(Fz) | 1450.00 | 1.00 | 64.92 | 193.43 | -6729.82 | 18.39 | 54.79 | 57.80 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1450.00 | 1.00 | 72.92 | 0.00 | -3942.64 | 20.66 | 0.00 | 20.66 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1450.00 | 1.00 | -52.40 | 0.00 | -3878.58 | -14.85 | 0.00 | 14.85 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1450.00 | 1.00 | -35.07 | 65.16 | -3843.23 | -9.94 | 18.46 | 20.96 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1450.00 | 1.00 | 57.71 | -65.16 | -3977.98 | 16.35 | -18.46 | 24.66 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1450.00 | 1.00 | -33.86 | 0.35 | -3631.06 | -9.59 | 0.10 | 9.59 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1450.00 | 1.00 | 57.15 | -1.31 | -5335.42 | 16.19 | -0.37 | 16.19 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1450.00 | 1.00 | 62.28 | 0.00 | -3909.32 | 17.64 | 0.00 | 17.64 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1450.00 | 1.00 | -41.62 | 0.00 | -3878.52 | -11.79 | 0.00 | 11.79 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1450.00 | 1.00 | -34.72 | 0.00 | -3905.71 | -9.83 | 0.00 | 9.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1450.00 | 1.00 | 57.53 | 0.00 | -4032.99 | 16.30 | 0.00 | 16.30 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1450.00 | 1.00 | -34.72 | 0.00 | -3905.71 | -9.83 | 0.00 | 9.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1450.00 | 1.00 | 57.53 | 0.00 | -4032.99 | 16.30 | 0.00 | 16.30 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1450.00 | 1.00 | 572.04 | 167.34 | -3601.24 | 162.05 | 47.41 | 168.84 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1450.00 | 1.00 | -549.40 | -167.34 | -4219.97 | -155.64 | -47.41 | 162.70 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1450.00 | 1.00 | 123.00 | 558.00 | -3172.32 | 34.84 | 158.07 | 161.87 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1450.00 | 1.00 | -100.36 | -558.00 | -4648.90 | -28.43 | -158.07 | 160.61 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1450.00 | 1.00 | 123.00 | 558.00 | -3172.32 | 34.84 | 158.07 | 161.87 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1450.00 | 1.00 | -100.36 | -558.00 | -4648.90 | -28.43 | -158.07 | 160.61 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1450.00 | 1.00 | 670.82 | 199.52 | -3497.26 | 190.03 | 56.52 | 198.26 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1450.00 | 1.00 | -648.18 | -199.52 | -4323.96 | -183.62 | -56.52 | 192.12 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1450.00 | 1.00 | 153.71 | 665.34 | -3015.43 | 43.55 | 188.48 | 193.44 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1450.00 | 1.00 | -131.08 | -665.34 | -4805.79 | -37.13 | -188.48 | 192.10 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1450.00 | 1.00 | 153.71 | 665.34 | -3015.43 | 43.55 | 188.48 | 193.44 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1450.00 | 1.00 | -131.08 | -665.34 | -4805.79 | -37.13 | -188.48 | 192.10 |

Point 9

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1451.00 | 1.00 | 44.70 | -297.86 | -5210.77 | 12.66 | -84.38 | 85.32 |
| 5173:SLU STR (Min)(Fx) | 1451.00 | 1.00 | -44.18 | 298.44 | -5854.31 | -12.52 | 84.54 | 85.47 |
| 5172:SLU STR (Max)(Fy) | 1451.00 | 1.00 | 22.84 | 499.16 | -6732.22 | 6.47 | 141.40 | 141.55 |
| 5173:SLU STR (Min)(Fy) | 1451.00 | 1.00 | -19.75 | -498.12 | -4487.02 | -5.60 | -141.11 | 141.22 |
| 5172:SLU STR (Max)(Fz) | 1451.00 | 1.00 | -21.71 | 297.22 | -3100.25 | -6.15 | 84.20 | 84.42 |
| 5173:SLU STR (Min)(Fz) | 1451.00 | 1.00 | 23.19 | -295.41 | -9134.06 | 6.57 | -83.68 | 83.94 |
| 5174:SLE RARA (Max)(Fx) | 1451.00 | 1.00 | 31.62 | -198.54 | -4854.92 | 8.96 | -56.24 | 56.95 |
| 5175:SLE RARA (Min)(Fx) | 1451.00 | 1.00 | -30.11 | 198.98 | -4360.36 | -8.53 | 56.37 | 57.01 |
| 5174:SLE RARA (Max)(Fy) | 1451.00 | 1.00 | 16.03 | 332.93 | -5030.65 | 4.54 | 94.31 | 94.42 |
| 5175:SLE RARA (Min)(Fy) | 1451.00 | 1.00 | -12.81 | -332.16 | -4298.77 | -3.63 | -94.10 | 94.17 |
| 5174:SLE RARA (Max)(Fz) | 1451.00 | 1.00 | -14.25 | 198.07 | -3321.16 | -4.04 | 56.11 | 56.26 |
| 5175:SLE RARA (Min)(Fz) | 1451.00 | 1.00 | 16.28 | -196.73 | -6760.17 | 4.61 | -55.73 | 55.92 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1451.00 | 1.00 | 22.56 | 0.28 | -4684.85 | 6.39 | 0.08 | 6.39 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1451.00 | 1.00 | -18.84 | 0.16 | -4531.03 | -5.34 | 0.04 | 5.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1451.00 | 1.00 | 14.05 | 66.27 | -3996.06 | 3.98 | 18.77 | 19.19 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1451.00 | 1.00 | -10.44 | -66.27 | -3862.20 | -2.96 | -18.77 | 19.01 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1451.00 | 1.00 | -11.51 | -0.35 | -3647.28 | -3.26 | -0.10 | 3.26 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1451.00 | 1.00 | 14.32 | 1.33 | -5358.00 | 4.06 | 0.38 | 4.07 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1451.00 | 1.00 | 14.29 | 0.00 | -3932.49 | 4.05 | 0.00 | 4.05 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1451.00 | 1.00 | -12.67 | 0.00 | -3968.28 | -3.59 | 0.00 | 3.59 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1451.00 | 1.00 | 14.29 | 0.00 | -3932.49 | 4.05 | 0.00 | 4.05 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1451.00 | 1.00 | -10.44 | 0.00 | -3806.38 | -2.96 | 0.00 | 2.96 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1451.00 | 1.00 | -10.65 | 0.00 | -3926.64 | -3.02 | 0.00 | 3.02 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1451.00 | 1.00 | 14.06 | 0.00 | -4051.88 | 3.98 | 0.00 | 3.98 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1451.00 | 1.00 | 516.80 | 176.31 | -3503.27 | 146.40 | 49.95 | 154.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1451.00 | 1.00 | -513.19 | -176.31 | -4355.00 | -145.38 | -49.95 | 153.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1451.00 | 1.00 | 164.09 | 587.90 | -3374.90 | 46.48 | 166.54 | 172.91 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1451.00 | 1.00 | -160.48 | -587.90 | -4483.37 | -45.46 | -166.54 | 172.64 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1451.00 | 1.00 | 139.59 | 587.90 | -3129.40 | 39.54 | 166.54 | 171.17 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1451.00 | 1.00 | -135.98 | -587.90 | -4728.87 | -38.52 | -166.54 | 170.94 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1451.00 | 1.00 | 613.21 | 210.21 | -3383.51 | 173.71 | 59.55 | 183.64 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1451.00 | 1.00 | -609.59 | -210.21 | -4474.76 | -172.69 | -59.55 | 182.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1451.00 | 1.00 | 192.96 | 700.97 | -3199.14 | 54.66 | 198.58 | 205.96 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1451.00 | 1.00 | -189.35 | -700.97 | -4659.12 | -53.64 | -198.58 | 205.69 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1451.00 | 1.00 | 168.46 | 700.97 | -2953.64 | 47.72 | 198.58 | 204.23 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1451.00 | 1.00 | -164.85 | -700.97 | -4904.62 | -46.70 | -198.58 | 203.99 |

Point 10

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1452.00 | 1.00 | 44.70 | 297.86 | -5210.77 | 12.66 | 84.38 | 85.32 |
| 5173:SLU STR (Min)(Fx) | 1452.00 | 1.00 | -44.18 | -298.44 | -5854.31 | -12.52 | -84.54 | 85.47 |
| 5172:SLU STR (Max)(Fy) | 1452.00 | 1.00 | -19.75 | 498.12 | -4487.02 | -5.60 | 141.11 | 141.22 |
| 5173:SLU STR (Min)(Fy) | 1452.00 | 1.00 | 22.84 | -499.16 | -6732.22 | 6.47 | -141.40 | 141.55 |
| 5172:SLU STR (Max)(Fz) | 1452.00 | 1.00 | -21.71 | -297.22 | -3100.25 | -6.15 | -84.20 | 84.42 |
| 5173:SLU STR (Min)(Fz) | 1452.00 | 1.00 | 23.19 | 295.41 | -9134.06 | 6.57 | 83.68 | 83.94 |
| 5174:SLE RARA (Max)(Fx) | 1452.00 | 1.00 | 31.62 | 198.54 | -4854.92 | 8.96 | 56.24 | 56.95 |
| 5175:SLE RARA (Min)(Fx) | 1452.00 | 1.00 | -30.11 | -198.98 | -4360.36 | -8.53 | -56.37 | 57.01 |
| 5174:SLE RARA (Max)(Fy) | 1452.00 | 1.00 | -12.81 | 332.16 | -4298.77 | -3.63 | 94.10 | 94.17 |
| 5175:SLE RARA (Min)(Fy) | 1452.00 | 1.00 | 16.03 | -332.93 | -5030.65 | 4.54 | -94.31 | 94.42 |
| 5174:SLE RARA (Max)(Fz) | 1452.00 | 1.00 | -14.25 | -198.07 | -3321.16 | -4.04 | -56.11 | 56.26 |
| 5175:SLE RARA (Min)(Fz) | 1452.00 | 1.00 | 16.28 | 196.73 | -6760.17 | 4.61 | 55.73 | 55.92 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1452.00 | 1.00 | 22.56 | -0.28 | -4684.85 | 6.39 | -0.08 | 6.39 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1452.00 | 1.00 | -18.84 | -0.16 | -4531.03 | -5.34 | -0.04 | 5.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1452.00 | 1.00 | -10.44 | 66.27 | -3862.20 | -2.96 | 18.77 | 19.01 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1452.00 | 1.00 | 14.05 | -66.27 | -3996.06 | 3.98 | -18.77 | 19.19 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1452.00 | 1.00 | -11.51 | 0.35 | -3647.28 | -3.26 | 0.10 | 3.26 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1452.00 | 1.00 | 14.32 | -1.33 | -5358.00 | 4.06 | -0.38 | 4.07 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1452.00 | 1.00 | 14.29 | 0.00 | -3932.49 | 4.05 | 0.00 | 4.05 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1452.00 | 1.00 | -12.67 | 0.00 | -3968.28 | -3.59 | 0.00 | 3.59 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1452.00 | 1.00 | -10.65 | 0.00 | -3926.64 | -3.02 | 0.00 | 3.02 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1452.00 | 1.00 | 14.06 | 0.00 | -4051.88 | 3.98 | 0.00 | 3.98 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1452.00 | 1.00 | -10.65 | 0.00 | -3926.64 | -3.02 | 0.00 | 3.02 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1452.00 | 1.00 | 14.06 | 0.00 | -4051.88 | 3.98 | 0.00 | 3.98 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1452.00 | 1.00 | 516.80 | 176.31 | -3503.27 | 146.40 | 49.95 | 154.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1452.00 | 1.00 | -513.19 | -176.31 | -4355.00 | -145.38 | -49.95 | 153.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1452.00 | 1.00 | 139.59 | 587.90 | -3129.40 | 39.54 | 166.54 | 171.17 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1452.00 | 1.00 | -135.98 | -587.90 | -4728.87 | -38.52 | -166.54 | 170.94 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1452.00 | 1.00 | 139.59 | 587.90 | -3129.40 | 39.54 | 166.54 | 171.17 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1452.00 | 1.00 | -135.98 | -587.90 | -4728.87 | -38.52 | -166.54 | 170.94 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1452.00 | 1.00 | 613.21 | 210.21 | -3383.51 | 173.71 | 59.55 | 183.64 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1452.00 | 1.00 | -609.59 | -210.21 | -4474.76 | -172.69 | -59.55 | 182.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1452.00 | 1.00 | 168.46 | 700.97 | -2953.64 | 47.72 | 198.58 | 204.23 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1452.00 | 1.00 | -164.85 | -700.97 | -4904.62 | -46.70 | -198.58 | 203.99 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1452.00 | 1.00 | 168.46 | 700.97 | -2953.64 | 47.72 | 198.58 | 204.23 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1452.00 | 1.00 | -164.85 | -700.97 | -4904.62 | -46.70 | -198.58 | 203.99 |

Point 11

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1453.00 | 1.00 | 96.73 | -292.16 | -5257.54 | 27.40 | -82.77 | 87.18 |
| 5173:SLU STR (Min)(Fx) | 1453.00 | 1.00 | -103.78 | 292.76 | -5742.30 | -29.40 | 82.93 | 87.99 |
| 5172:SLU STR (Max)(Fy) | 1453.00 | 1.00 | -62.75 | 489.80 | -6701.25 | -17.77 | 138.75 | 139.89 |
| 5173:SLU STR (Min)(Fy) | 1453.00 | 1.00 | 48.01 | -488.76 | -4455.46 | 13.60 | -138.46 | 139.13 |
| 5172:SLU STR (Max)(Fz) | 1453.00 | 1.00 | 44.40 | 291.49 | -3086.01 | 12.58 | 82.58 | 83.53 |
| 5173:SLU STR (Min)(Fz) | 1453.00 | 1.00 | -60.49 | -289.67 | -9083.34 | -17.14 | -82.06 | 83.83 |
| 5174:SLE RARA (Max)(Fx) | 1453.00 | 1.00 | 63.55 | -194.75 | -4893.62 | 18.00 | -55.17 | 58.03 |
| 5175:SLE RARA (Min)(Fx) | 1453.00 | 1.00 | -72.54 | 195.18 | -4266.77 | -20.55 | 55.29 | 58.99 |
| 5174:SLE RARA (Max)(Fy) | 1453.00 | 1.00 | -44.13 | 326.69 | -5007.63 | -12.50 | 92.55 | 93.39 |
| 5175:SLE RARA (Min)(Fy) | 1453.00 | 1.00 | 30.00 | -325.93 | -4268.96 | 8.50 | -92.33 | 92.72 |
| 5174:SLE RARA (Max)(Fz) | 1453.00 | 1.00 | 27.50 | 194.25 | -3303.36 | 7.79 | 55.03 | 55.58 |
| 5175:SLE RARA (Min)(Fz) | 1453.00 | 1.00 | -42.63 | -192.90 | -6723.33 | -12.08 | -54.64 | 55.96 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1453.00 | 1.00 | 31.41 | 0.00 | -3943.36 | 8.90 | 0.00 | 8.90 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1453.00 | 1.00 | -46.49 | 0.13 | -4427.43 | -13.17 | 0.04 | 13.17 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1453.00 | 1.00 | -38.48 | 65.02 | -3973.52 | -10.90 | 18.42 | 21.40 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1453.00 | 1.00 | 23.14 | -65.02 | -3837.43 | 6.56 | -18.42 | 19.55 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1453.00 | 1.00 | 22.02 | -0.37 | -3625.31 | 6.24 | -0.11 | 6.24 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1453.00 | 1.00 | -38.10 | 1.36 | -5330.15 | -10.79 | 0.39 | 10.80 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1453.00 | 1.00 | 23.24 | 0.00 | -3900.45 | 6.58 | 0.00 | 6.58 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1453.00 | 1.00 | -40.41 | 0.00 | -3866.76 | -11.45 | 0.00 | 11.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1453.00 | 1.00 | -38.51 | 0.00 | -3908.66 | -10.91 | 0.00 | 10.91 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1453.00 | 1.00 | 22.96 | 0.00 | -3782.52 | 6.50 | 0.00 | 6.50 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1453.00 | 1.00 | 23.24 | 0.00 | -3900.45 | 6.58 | 0.00 | 6.58 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1453.00 | 1.00 | -38.29 | 0.00 | -4028.43 | -10.85 | 0.00 | 10.85 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1453.00 | 1.00 | 528.08 | 165.72 | -3575.68 | 149.60 | 46.95 | 156.79 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1453.00 | 1.00 | -543.41 | -165.72 | -4235.27 | -153.94 | -46.95 | 160.94 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1453.00 | 1.00 | 118.44 | 552.59 | -3386.67 | 33.55 | 156.54 | 160.10 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1453.00 | 1.00 | -133.77 | -552.59 | -4424.28 | -37.90 | -156.54 | 161.06 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1453.00 | 1.00 | 179.69 | 552.59 | -3140.76 | 50.90 | 156.54 | 164.61 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1453.00 | 1.00 | -195.03 | -552.59 | -4670.19 | -55.25 | -156.54 | 166.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1453.00 | 1.00 | 625.26 | 197.58 | -3462.14 | 177.13 | 55.97 | 185.76 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1453.00 | 1.00 | -640.59 | -197.58 | -4348.81 | -181.47 | -55.97 | 189.91 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1453.00 | 1.00 | 148.73 | 658.88 | -3220.65 | 42.13 | 186.65 | 191.35 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1453.00 | 1.00 | -164.06 | -658.88 | -4590.31 | -46.48 | -186.65 | 192.35 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1453.00 | 1.00 | 209.98 | 658.88 | -2974.74 | 59.48 | 186.65 | 195.90 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1453.00 | 1.00 | -225.31 | -658.88 | -4836.21 | -63.83 | -186.65 | 197.26 |

Point 12

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1454.00 | 1.00 | 96.73 | 292.16 | -5257.54 | 27.40 | 82.77 | 87.18 |
| 5173:SLU STR (Min)(Fx) | 1454.00 | 1.00 | -103.78 | -292.76 | -5742.30 | -29.40 | -82.93 | 87.99 |
| 5172:SLU STR (Max)(Fy) | 1454.00 | 1.00 | 48.01 | 488.76 | -4455.46 | 13.60 | 138.46 | 139.13 |
| 5173:SLU STR (Min)(Fy) | 1454.00 | 1.00 | -62.75 | -489.80 | -6701.25 | -17.77 | -138.75 | 139.89 |
| 5172:SLU STR (Max)(Fz) | 1454.00 | 1.00 | 44.40 | -291.49 | -3086.01 | 12.58 | -82.58 | 83.53 |
| 5173:SLU STR (Min)(Fz) | 1454.00 | 1.00 | -60.49 | 289.67 | -9083.34 | -17.14 | 82.06 | 83.83 |
| 5174:SLE RARA (Max)(Fx) | 1454.00 | 1.00 | 63.55 | 194.75 | -4893.62 | 18.00 | 55.17 | 58.03 |
| 5175:SLE RARA (Min)(Fx) | 1454.00 | 1.00 | -72.54 | -195.18 | -4266.77 | -20.55 | -55.29 | 58.99 |
| 5174:SLE RARA (Max)(Fy) | 1454.00 | 1.00 | 30.00 | 325.93 | -4268.96 | 8.50 | 92.33 | 92.72 |
| 5175:SLE RARA (Min)(Fy) | 1454.00 | 1.00 | -44.13 | -326.69 | -5007.63 | -12.50 | -92.55 | 93.39 |
| 5174:SLE RARA (Max)(Fz) | 1454.00 | 1.00 | 27.50 | -194.25 | -3303.36 | 7.79 | -55.03 | 55.58 |
| 5175:SLE RARA (Min)(Fz) | 1454.00 | 1.00 | -42.63 | 192.90 | -6723.33 | -12.08 | 54.64 | 55.96 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1454.00 | 1.00 | 31.41 | 0.00 | -3943.36 | 8.90 | 0.00 | 8.90 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1454.00 | 1.00 | -46.49 | -0.13 | -4427.43 | -13.17 | -0.04 | 13.17 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1454.00 | 1.00 | 23.14 | 65.02 | -3837.43 | 6.56 | 18.42 | 19.55 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1454.00 | 1.00 | -38.48 | -65.02 | -3973.52 | -10.90 | -18.42 | 21.40 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1454.00 | 1.00 | 22.02 | 0.37 | -3625.31 | 6.24 | 0.11 | 6.24 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1454.00 | 1.00 | -38.10 | -1.36 | -5330.15 | -10.79 | -0.39 | 10.80 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1454.00 | 1.00 | 23.24 | 0.00 | -3900.45 | 6.58 | 0.00 | 6.58 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1454.00 | 1.00 | -40.41 | 0.00 | -3866.76 | -11.45 | 0.00 | 11.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1454.00 | 1.00 | 23.24 | 0.00 | -3900.45 | 6.58 | 0.00 | 6.58 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1454.00 | 1.00 | -38.29 | 0.00 | -4028.43 | -10.85 | 0.00 | 10.85 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1454.00 | 1.00 | 23.24 | 0.00 | -3900.45 | 6.58 | 0.00 | 6.58 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1454.00 | 1.00 | -38.29 | 0.00 | -4028.43 | -10.85 | 0.00 | 10.85 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1454.00 | 1.00 | 528.08 | 165.72 | -3575.68 | 149.60 | 46.95 | 156.79 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1454.00 | 1.00 | -543.41 | -165.72 | -4235.27 | -153.94 | -46.95 | 160.94 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1454.00 | 1.00 | 179.69 | 552.59 | -3140.76 | 50.90 | 156.54 | 164.61 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1454.00 | 1.00 | -195.03 | -552.59 | -4670.19 | -55.25 | -156.54 | 166.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1454.00 | 1.00 | 179.69 | 552.59 | -3140.76 | 50.90 | 156.54 | 164.61 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1454.00 | 1.00 | -195.03 | -552.59 | -4670.19 | -55.25 | -156.54 | 166.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1454.00 | 1.00 | 625.26 | 197.58 | -3462.14 | 177.13 | 55.97 | 185.76 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1454.00 | 1.00 | -640.59 | -197.58 | -4348.81 | -181.47 | -55.97 | 189.91 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1454.00 | 1.00 | 209.98 | 658.88 | -2974.74 | 59.48 | 186.65 | 195.90 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1454.00 | 1.00 | -225.31 | -658.88 | -4836.21 | -63.83 | -186.65 | 197.26 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1454.00 | 1.00 | 209.98 | 658.88 | -2974.74 | 59.48 | 186.65 | 195.90 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1454.00 | 1.00 | -225.31 | -658.88 | -4836.21 | -63.83 | -186.65 | 197.26 |

Point 13

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1455.00 | 1.00 | 208.65 | -275.11 | -5250.27 | 59.11 | -77.93 | 97.81 |
| 5173:SLU STR (Min)(Fx) | 1455.00 | 1.00 | -223.27 | 275.75 | -5890.12 | -63.25 | 78.12 | 100.51 |
| 5172:SLU STR (Max)(Fy) | 1455.00 | 1.00 | -66.21 | 461.57 | -6817.76 | -18.76 | 130.76 | 132.09 |
| 5173:SLU STR (Min)(Fy) | 1455.00 | 1.00 | 16.82 | -460.54 | -4496.51 | 4.77 | -130.46 | 130.55 |
| 5172:SLU STR (Max)(Fz) | 1455.00 | 1.00 | 9.58 | 274.55 | -3219.47 | 2.71 | 77.77 | 77.82 |
| 5173:SLU STR (Min)(Fz) | 1455.00 | 1.00 | -61.16 | -272.50 | -9151.77 | -17.33 | -77.19 | 79.12 |
| 5174:SLE RARA (Max)(Fx) | 1455.00 | 1.00 | 135.39 | -183.37 | -4899.81 | 38.35 | -51.95 | 64.57 |
| 5175:SLE RARA (Min)(Fx) | 1455.00 | 1.00 | -154.91 | 183.84 | -4384.10 | -43.88 | 52.08 | 68.10 |
| 5174:SLE RARA (Max)(Fy) | 1455.00 | 1.00 | -48.75 | 307.88 | -5089.11 | -13.81 | 87.22 | 88.30 |
| 5175:SLE RARA (Min)(Fy) | 1455.00 | 1.00 | 6.02 | -307.12 | -4323.47 | 1.71 | -87.00 | 87.02 |
| 5174:SLE RARA (Max)(Fz) | 1455.00 | 1.00 | 0.98 | 182.95 | -3424.03 | 0.28 | 51.83 | 51.83 |
| 5175:SLE RARA (Min)(Fz) | 1455.00 | 1.00 | -45.33 | -181.44 | -6771.49 | -12.84 | -51.40 | 52.98 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1455.00 | 1.00 | 68.63 | 0.00 | -3952.05 | 19.44 | 0.00 | 19.44 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1455.00 | 1.00 | -100.19 | 0.00 | -3997.84 | -28.38 | 0.00 | 28.38 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1455.00 | 1.00 | -43.47 | 61.24 | -4049.78 | -12.32 | 17.35 | 21.28 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1455.00 | 1.00 | -0.45 | -61.24 | -3900.19 | -0.13 | -17.35 | 17.35 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1455.00 | 1.00 | -2.17 | -0.37 | -3709.70 | -0.62 | -0.10 | 0.62 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1455.00 | 1.00 | -42.66 | 1.43 | -5396.16 | -12.09 | 0.40 | 12.09 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1455.00 | 1.00 | 51.83 | 0.00 | -3982.97 | 14.68 | 0.00 | 14.68 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1455.00 | 1.00 | -88.28 | 0.00 | -3999.38 | -25.01 | 0.00 | 25.01 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1455.00 | 1.00 | -43.05 | 0.00 | -3987.72 | -12.19 | 0.00 | 12.19 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1455.00 | 1.00 | -0.82 | 0.00 | -3847.85 | -0.23 | 0.00 | 0.23 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1455.00 | 1.00 | -0.96 | 0.00 | -3964.33 | -0.27 | 0.00 | 0.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1455.00 | 1.00 | -43.11 | 0.00 | -4102.12 | -12.21 | 0.00 | 12.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1455.00 | 1.00 | 566.15 | 140.18 | -3641.22 | 160.38 | 39.71 | 165.22 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1455.00 | 1.00 | -600.61 | -140.18 | -4309.03 | -170.15 | -39.71 | 174.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1455.00 | 1.00 | 120.54 | 467.49 | -3561.93 | 34.15 | 132.43 | 136.77 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1455.00 | 1.00 | -164.47 | -467.49 | -4388.04 | -46.59 | -132.43 | 140.39 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1455.00 | 1.00 | 162.83 | 467.49 | -3307.66 | 46.13 | 132.43 | 140.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1455.00 | 1.00 | -206.76 | -467.49 | -4642.31 | -58.57 | -132.43 | 144.81 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1455.00 | 1.00 | 666.69 | 167.13 | -3547.49 | 188.86 | 47.35 | 194.71 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1455.00 | 1.00 | -701.16 | -167.13 | -4402.77 | -198.63 | -47.35 | 204.19 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1455.00 | 1.00 | 152.65 | 557.42 | -3423.97 | 43.24 | 157.91 | 163.72 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1455.00 | 1.00 | -196.57 | -557.42 | -4526.00 | -55.69 | -157.91 | 167.44 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1455.00 | 1.00 | 194.94 | 557.42 | -3169.70 | 55.22 | 157.91 | 167.29 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1455.00 | 1.00 | -238.87 | -557.42 | -4780.27 | -67.67 | -157.91 | 171.80 |

Point 14

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1456.00 | 1.00 | 208.65 | 275.11 | -5250.27 | 59.11 | 77.93 | 97.81 |
| 5173:SLU STR (Min)(Fx) | 1456.00 | 1.00 | -223.27 | -275.75 | -5890.12 | -63.25 | -78.12 | 100.51 |
| 5172:SLU STR (Max)(Fy) | 1456.00 | 1.00 | 16.82 | 460.54 | -4496.51 | 4.77 | 130.46 | 130.55 |
| 5173:SLU STR (Min)(Fy) | 1456.00 | 1.00 | -66.21 | -461.57 | -6817.76 | -18.76 | -130.76 | 132.09 |
| 5172:SLU STR (Max)(Fz) | 1456.00 | 1.00 | 9.58 | -274.55 | -3219.47 | 2.71 | -77.77 | 77.82 |
| 5173:SLU STR (Min)(Fz) | 1456.00 | 1.00 | -61.16 | 272.50 | -9151.77 | -17.33 | 77.19 | 79.12 |
| 5174:SLE RARA (Max)(Fx) | 1456.00 | 1.00 | 135.39 | 183.37 | -4899.81 | 38.35 | 51.95 | 64.57 |
| 5175:SLE RARA (Min)(Fx) | 1456.00 | 1.00 | -154.91 | -183.84 | -4384.10 | -43.88 | -52.08 | 68.10 |
| 5174:SLE RARA (Max)(Fy) | 1456.00 | 1.00 | 6.02 | 307.12 | -4323.47 | 1.71 | 87.00 | 87.02 |
| 5175:SLE RARA (Min)(Fy) | 1456.00 | 1.00 | -48.75 | -307.88 | -5089.11 | -13.81 | -87.22 | 88.30 |
| 5174:SLE RARA (Max)(Fz) | 1456.00 | 1.00 | 0.98 | -182.95 | -3424.03 | 0.28 | -51.83 | 51.83 |
| 5175:SLE RARA (Min)(Fz) | 1456.00 | 1.00 | -45.33 | 181.44 | -6771.49 | -12.84 | 51.40 | 52.98 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1456.00 | 1.00 | 68.63 | 0.00 | -3952.05 | 19.44 | 0.00 | 19.44 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1456.00 | 1.00 | -100.19 | 0.00 | -3997.84 | -28.38 | 0.00 | 28.38 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1456.00 | 1.00 | -0.45 | 61.24 | -3900.19 | -0.13 | 17.35 | 17.35 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1456.00 | 1.00 | -43.47 | -61.24 | -4049.78 | -12.32 | -17.35 | 21.28 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1456.00 | 1.00 | -2.17 | 0.37 | -3709.70 | -0.62 | 0.10 | 0.62 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1456.00 | 1.00 | -42.66 | -1.43 | -5396.16 | -12.09 | -0.40 | 12.09 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1456.00 | 1.00 | 51.83 | 0.00 | -3982.97 | 14.68 | 0.00 | 14.68 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1456.00 | 1.00 | -88.28 | 0.00 | -3999.38 | -25.01 | 0.00 | 25.01 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1456.00 | 1.00 | -0.96 | 0.00 | -3964.33 | -0.27 | 0.00 | 0.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1456.00 | 1.00 | -43.11 | 0.00 | -4102.12 | -12.21 | 0.00 | 12.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1456.00 | 1.00 | -0.96 | 0.00 | -3964.33 | -0.27 | 0.00 | 0.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1456.00 | 1.00 | -43.11 | 0.00 | -4102.12 | -12.21 | 0.00 | 12.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1456.00 | 1.00 | 566.15 | 140.18 | -3641.22 | 160.38 | 39.71 | 165.22 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1456.00 | 1.00 | -600.61 | -140.18 | -4309.03 | -170.15 | -39.71 | 174.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1456.00 | 1.00 | 162.83 | 467.49 | -3307.66 | 46.13 | 132.43 | 140.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1456.00 | 1.00 | -206.76 | -467.49 | -4642.31 | -58.57 | -132.43 | 144.81 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1456.00 | 1.00 | 162.83 | 467.49 | -3307.66 | 46.13 | 132.43 | 140.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1456.00 | 1.00 | -206.76 | -467.49 | -4642.31 | -58.57 | -132.43 | 144.81 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1456.00 | 1.00 | 666.69 | 167.13 | -3547.49 | 188.86 | 47.35 | 194.71 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1456.00 | 1.00 | -701.16 | -167.13 | -4402.77 | -198.63 | -47.35 | 204.19 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1456.00 | 1.00 | 194.94 | 557.42 | -3169.70 | 55.22 | 157.91 | 167.29 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1456.00 | 1.00 | -238.87 | -557.42 | -4780.27 | -67.67 | -157.91 | 171.80 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1456.00 | 1.00 | 194.94 | 557.42 | -3169.70 | 55.22 | 157.91 | 167.29 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1456.00 | 1.00 | -238.87 | -557.42 | -4780.27 | -67.67 | -157.91 | 171.80 |

Point 15

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1457.00 | 1.00 | 322.06 | -247.24 | -6211.33 | 91.24 | -70.04 | 115.02 |
| 5173:SLU STR (Min)(Fx) | 1457.00 | 1.00 | -338.40 | 247.53 | -4075.35 | -95.86 | 70.12 | 118.77 |
| 5172:SLU STR (Max)(Fy) | 1457.00 | 1.00 | -110.65 | 414.62 | -6608.54 | -31.34 | 117.46 | 121.57 |
| 5173:SLU STR (Min)(Fy) | 1457.00 | 1.00 | 36.32 | -413.59 | -4185.22 | 10.29 | -117.17 | 117.62 |
| 5172:SLU STR (Max)(Fz) | 1457.00 | 1.00 | 26.58 | 412.42 | -3023.87 | 7.53 | 116.83 | 117.07 |
| 5173:SLU STR (Min)(Fz) | 1457.00 | 1.00 | -101.97 | -245.22 | -8726.66 | -28.89 | -69.47 | 75.23 |
| 5174:SLE RARA (Max)(Fx) | 1457.00 | 1.00 | 208.17 | -164.80 | -4614.19 | 58.97 | -46.68 | 75.21 |
| 5175:SLE RARA (Min)(Fx) | 1457.00 | 1.00 | -233.64 | 165.01 | -3979.04 | -66.19 | 46.74 | 81.03 |
| 5174:SLE RARA (Max)(Fy) | 1457.00 | 1.00 | -81.43 | 276.55 | -4934.41 | -23.07 | 78.34 | 81.67 |
| 5175:SLE RARA (Min)(Fy) | 1457.00 | 1.00 | 17.02 | -275.79 | -4034.73 | 4.82 | -78.13 | 78.28 |
| 5174:SLE RARA (Max)(Fz) | 1457.00 | 1.00 | 10.44 | 164.62 | -3219.17 | 2.96 | 46.63 | 46.73 |
| 5175:SLE RARA (Min)(Fz) | 1457.00 | 1.00 | -75.47 | -163.30 | -6461.38 | -21.38 | -46.26 | 50.96 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1457.00 | 1.00 | 107.00 | 0.00 | -3701.28 | 30.31 | 0.00 | 30.31 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1457.00 | 1.00 | -154.65 | 0.00 | -3876.60 | -43.81 | 0.00 | 43.81 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1457.00 | 1.00 | -73.75 | 55.03 | -3927.90 | -20.89 | 15.59 | 26.07 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1457.00 | 1.00 | 6.58 | -55.03 | -3652.67 | 1.86 | -15.59 | 15.70 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1457.00 | 1.00 | 4.70 | -0.26 | -3479.27 | 1.33 | -0.07 | 1.33 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1457.00 | 1.00 | -71.93 | 1.18 | -5195.83 | -20.38 | 0.33 | 20.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1457.00 | 1.00 | 81.95 | 0.00 | -3717.58 | 23.21 | 0.00 | 23.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1457.00 | 1.00 | -135.74 | 0.00 | -3861.51 | -38.45 | 0.00 | 38.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1457.00 | 1.00 | -73.72 | 0.00 | -3878.08 | -20.88 | 0.00 | 20.88 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1457.00 | 1.00 | 6.06 | 0.00 | -3605.42 | 1.72 | 0.00 | 1.72 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1457.00 | 1.00 | 6.22 | 0.00 | -3702.57 | 1.76 | 0.00 | 1.76 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1457.00 | 1.00 | -73.22 | 0.00 | -3975.16 | -20.74 | 0.00 | 20.74 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1457.00 | 1.00 | 612.18 | 112.13 | -3388.75 | 173.42 | 31.77 | 176.31 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1457.00 | 1.00 | -664.39 | -112.13 | -4187.07 | -188.21 | -31.77 | 190.88 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1457.00 | 1.00 | 97.25 | 373.99 | -3493.56 | 27.55 | 105.95 | 109.47 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1457.00 | 1.00 | -164.42 | -373.99 | -4087.02 | -46.58 | -105.95 | 115.73 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1457.00 | 1.00 | 176.53 | 373.99 | -3123.82 | 50.01 | 105.95 | 117.16 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1457.00 | 1.00 | -243.70 | -373.99 | -4456.75 | -69.04 | -105.95 | 126.45 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1457.00 | 1.00 | 718.63 | 133.69 | -3294.96 | 203.58 | 37.87 | 207.07 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1457.00 | 1.00 | -770.84 | -133.69 | -4280.86 | -218.37 | -37.87 | 221.63 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1457.00 | 1.00 | 131.53 | 445.94 | -3368.97 | 37.26 | 126.33 | 131.71 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1457.00 | 1.00 | -198.69 | -445.94 | -4211.60 | -56.29 | -126.33 | 138.30 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1457.00 | 1.00 | 210.81 | 445.94 | -2999.24 | 59.72 | 126.33 | 139.73 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1457.00 | 1.00 | -277.97 | -445.94 | -4581.34 | -78.75 | -126.33 | 148.86 |

Point 16

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1458.00 | 1.00 | 322.06 | 247.24 | -6211.33 | 91.24 | 70.04 | 115.02 |
| 5173:SLU STR (Min)(Fx) | 1458.00 | 1.00 | -338.54 | -247.43 | -4088.75 | -95.90 | -70.09 | 118.79 |
| 5172:SLU STR (Max)(Fy) | 1458.00 | 1.00 | 36.32 | 413.59 | -4185.22 | 10.29 | 117.17 | 117.62 |
| 5173:SLU STR (Min)(Fy) | 1458.00 | 1.00 | -110.65 | -414.62 | -6608.54 | -31.34 | -117.46 | 121.57 |
| 5172:SLU STR (Max)(Fz) | 1458.00 | 1.00 | 26.58 | -412.42 | -3023.87 | 7.53 | -116.83 | 117.07 |
| 5173:SLU STR (Min)(Fz) | 1458.00 | 1.00 | -101.97 | 245.22 | -8726.66 | -28.89 | 69.47 | 75.23 |
| 5174:SLE RARA (Max)(Fx) | 1458.00 | 1.00 | 208.17 | 164.80 | -4614.19 | 58.97 | 46.68 | 75.21 |
| 5175:SLE RARA (Min)(Fx) | 1458.00 | 1.00 | -233.74 | -164.94 | -3988.96 | -66.22 | -46.72 | 81.04 |
| 5174:SLE RARA (Max)(Fy) | 1458.00 | 1.00 | 17.02 | 275.79 | -4034.73 | 4.82 | 78.13 | 78.28 |
| 5175:SLE RARA (Min)(Fy) | 1458.00 | 1.00 | -81.43 | -276.55 | -4934.41 | -23.07 | -78.34 | 81.67 |
| 5174:SLE RARA (Max)(Fz) | 1458.00 | 1.00 | 10.44 | -164.62 | -3219.17 | 2.96 | -46.63 | 46.73 |
| 5175:SLE RARA (Min)(Fz) | 1458.00 | 1.00 | -75.47 | 163.30 | -6461.38 | -21.38 | 46.26 | 50.96 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1458.00 | 1.00 | 107.00 | 0.00 | -3701.28 | 30.31 | 0.00 | 30.31 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1458.00 | 1.00 | -154.65 | 0.00 | -3876.60 | -43.81 | 0.00 | 43.81 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1458.00 | 1.00 | 6.58 | 55.03 | -3652.67 | 1.86 | 15.59 | 15.70 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1458.00 | 1.00 | -73.75 | -55.03 | -3927.90 | -20.89 | -15.59 | 26.07 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1458.00 | 1.00 | 4.70 | 0.26 | -3479.27 | 1.33 | 0.07 | 1.33 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1458.00 | 1.00 | -71.93 | -1.18 | -5195.83 | -20.38 | -0.33 | 20.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1458.00 | 1.00 | 81.95 | 0.00 | -3717.58 | 23.21 | 0.00 | 23.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1458.00 | 1.00 | -135.74 | 0.00 | -3861.51 | -38.45 | 0.00 | 38.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1458.00 | 1.00 | 6.22 | 0.00 | -3702.57 | 1.76 | 0.00 | 1.76 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1458.00 | 1.00 | -73.22 | 0.00 | -3975.16 | -20.74 | 0.00 | 20.74 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1458.00 | 1.00 | 6.22 | 0.00 | -3702.57 | 1.76 | 0.00 | 1.76 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1458.00 | 1.00 | -73.22 | 0.00 | -3975.16 | -20.74 | 0.00 | 20.74 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1458.00 | 1.00 | 612.18 | 112.13 | -3388.75 | 173.42 | 31.77 | 176.31 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1458.00 | 1.00 | -664.39 | -112.13 | -4187.07 | -188.21 | -31.77 | 190.88 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1458.00 | 1.00 | 176.53 | 373.99 | -3123.82 | 50.01 | 105.95 | 117.16 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1458.00 | 1.00 | -243.70 | -373.99 | -4456.75 | -69.04 | -105.95 | 126.45 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1458.00 | 1.00 | 176.53 | 373.99 | -3123.82 | 50.01 | 105.95 | 117.16 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1458.00 | 1.00 | -243.70 | -373.99 | -4456.75 | -69.04 | -105.95 | 126.45 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1458.00 | 1.00 | 718.63 | 133.69 | -3294.96 | 203.58 | 37.87 | 207.07 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1458.00 | 1.00 | -770.84 | -133.69 | -4280.86 | -218.37 | -37.87 | 221.63 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1458.00 | 1.00 | 210.81 | 445.94 | -2999.24 | 59.72 | 126.33 | 139.73 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1458.00 | 1.00 | -277.97 | -445.94 | -4581.34 | -78.75 | -126.33 | 148.86 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1458.00 | 1.00 | 210.81 | 445.94 | -2999.24 | 59.72 | 126.33 | 139.73 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1458.00 | 1.00 | -277.97 | -445.94 | -4581.34 | -78.75 | -126.33 | 148.86 |

Point 17

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1459.00 | 1.00 | 221.43 | -121.83 | -1452.68 | 116.54 | -64.12 | 133.02 |
| 5173:SLU STR (Min)(Fx) | 1459.00 | 1.00 | -225.22 | 121.56 | -662.57 | -118.53 | 63.98 | 134.70 |
| 5172:SLU STR (Max)(Fy) | 1459.00 | 1.00 | 21.21 | 203.78 | -1824.06 | 11.16 | 107.25 | 107.83 |
| 5173:SLU STR (Min)(Fy) | 1459.00 | 1.00 | -60.89 | -203.75 | -848.10 | -32.05 | -107.23 | 111.92 |
| 5172:SLU STR (Max)(Fz) | 1459.00 | 1.00 | -70.81 | 121.31 | -244.91 | -37.27 | 63.85 | 73.93 |
| 5173:SLU STR (Min)(Fz) | 1459.00 | 1.00 | 30.59 | -121.01 | -3282.51 | 16.10 | -63.69 | 65.69 |
| 5174:SLE RARA (Max)(Fx) | 1459.00 | 1.00 | 143.85 | -81.22 | -1071.02 | 75.71 | -42.75 | 86.94 |
| 5175:SLE RARA (Min)(Fx) | 1459.00 | 1.00 | -154.77 | 81.02 | -727.88 | -81.46 | 42.64 | 91.94 |
| 5174:SLE RARA (Max)(Fy) | 1459.00 | 1.00 | 10.09 | 135.90 | -1344.04 | 5.31 | 71.53 | 71.72 |
| 5175:SLE RARA (Min)(Fy) | 1459.00 | 1.00 | -44.86 | -135.88 | -867.31 | -23.61 | -71.51 | 75.31 |
| 5174:SLE RARA (Max)(Fz) | 1459.00 | 1.00 | -51.93 | 80.83 | -439.61 | -27.33 | 42.54 | 50.57 |
| 5175:SLE RARA (Min)(Fz) | 1459.00 | 1.00 | 16.75 | -80.61 | -2405.27 | 8.82 | -42.42 | 43.33 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1459.00 | 1.00 | 77.86 | 0.00 | -849.48 | 40.98 | 0.00 | 40.98 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1459.00 | 1.00 | -101.00 | 0.00 | -881.33 | -53.16 | 0.00 | 53.16 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1459.00 | 1.00 | 5.36 | 27.08 | -962.70 | 2.82 | 14.25 | 14.53 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1459.00 | 1.00 | -41.66 | -27.08 | -764.82 | -21.93 | -14.25 | 26.15 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1459.00 | 1.00 | -45.76 | -0.23 | -619.57 | -24.08 | -0.12 | 24.08 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1459.00 | 1.00 | 9.05 | 0.46 | -1809.96 | 4.76 | 0.24 | 4.77 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1459.00 | 1.00 | 60.21 | 0.00 | -818.90 | 31.69 | 0.00 | 31.69 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1459.00 | 1.00 | -88.13 | 0.00 | -872.72 | -46.38 | 0.00 | 46.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1459.00 | 1.00 | 4.06 | 0.00 | -943.30 | 2.14 | 0.00 | 2.14 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1459.00 | 1.00 | -41.98 | 0.00 | -743.32 | -22.09 | 0.00 | 22.09 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1459.00 | 1.00 | -43.05 | 0.00 | -783.12 | -22.66 | 0.00 | 22.66 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1459.00 | 1.00 | 8.12 | 0.00 | -984.59 | 4.27 | 0.00 | 4.27 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1459.00 | 1.00 | 355.77 | 54.51 | -660.37 | 187.25 | 28.69 | 189.43 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1459.00 | 1.00 | -382.05 | -54.51 | -1072.08 | -201.08 | -28.69 | 203.11 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1459.00 | 1.00 | 100.52 | 181.78 | -716.99 | 52.91 | 95.68 | 109.33 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1459.00 | 1.00 | -136.82 | -181.78 | -1010.53 | -72.01 | -95.68 | 119.75 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1459.00 | 1.00 | 50.43 | 181.78 | -475.72 | 26.54 | 95.68 | 99.29 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1459.00 | 1.00 | -86.72 | -181.78 | -1251.81 | -45.64 | -95.68 | 106.01 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1459.00 | 1.00 | 416.27 | 64.99 | -605.48 | 219.09 | 34.21 | 221.74 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1459.00 | 1.00 | -442.55 | -64.99 | -1126.97 | -232.92 | -34.21 | 235.42 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1459.00 | 1.00 | 120.02 | 216.75 | -649.99 | 63.17 | 114.08 | 130.40 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1459.00 | 1.00 | -156.31 | -216.75 | -1077.53 | -82.27 | -114.08 | 140.65 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1459.00 | 1.00 | 69.92 | 216.75 | -408.71 | 36.80 | 114.08 | 119.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1459.00 | 1.00 | -106.22 | -216.75 | -1318.81 | -55.90 | -114.08 | 127.04 |

Point 18

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1460.00 | 1.00 | 221.43 | 121.83 | -1452.68 | 116.54 | 64.12 | 133.02 |
| 5173:SLU STR (Min)(Fx) | 1460.00 | 1.00 | -225.22 | -121.56 | -662.57 | -118.53 | -63.98 | 134.70 |
| 5172:SLU STR (Max)(Fy) | 1460.00 | 1.00 | -60.89 | 203.75 | -848.10 | -32.05 | 107.23 | 111.92 |
| 5173:SLU STR (Min)(Fy) | 1460.00 | 1.00 | 21.21 | -203.78 | -1824.06 | 11.16 | -107.25 | 107.83 |
| 5172:SLU STR (Max)(Fz) | 1460.00 | 1.00 | -70.81 | -121.31 | -244.91 | -37.27 | -63.85 | 73.93 |
| 5173:SLU STR (Min)(Fz) | 1460.00 | 1.00 | 30.59 | 121.01 | -3282.51 | 16.10 | 63.69 | 65.69 |
| 5174:SLE RARA (Max)(Fx) | 1460.00 | 1.00 | 143.85 | 81.22 | -1071.02 | 75.71 | 42.75 | 86.94 |
| 5175:SLE RARA (Min)(Fx) | 1460.00 | 1.00 | -154.77 | -81.02 | -727.88 | -81.46 | -42.64 | 91.94 |
| 5174:SLE RARA (Max)(Fy) | 1460.00 | 1.00 | -44.86 | 135.88 | -867.31 | -23.61 | 71.51 | 75.31 |
| 5175:SLE RARA (Min)(Fy) | 1460.00 | 1.00 | 10.09 | -135.90 | -1344.04 | 5.31 | -71.53 | 71.72 |
| 5174:SLE RARA (Max)(Fz) | 1460.00 | 1.00 | -51.93 | -80.83 | -439.61 | -27.33 | -42.54 | 50.57 |
| 5175:SLE RARA (Min)(Fz) | 1460.00 | 1.00 | 16.75 | 80.61 | -2405.27 | 8.82 | 42.42 | 43.33 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1460.00 | 1.00 | 77.86 | 0.00 | -849.48 | 40.98 | 0.00 | 40.98 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1460.00 | 1.00 | -101.00 | 0.00 | -881.33 | -53.16 | 0.00 | 53.16 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1460.00 | 1.00 | -41.66 | 27.08 | -764.82 | -21.93 | 14.25 | 26.15 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1460.00 | 1.00 | 5.36 | -27.08 | -962.70 | 2.82 | -14.25 | 14.53 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1460.00 | 1.00 | -45.76 | 0.23 | -619.57 | -24.08 | 0.12 | 24.08 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1460.00 | 1.00 | 9.05 | -0.46 | -1809.96 | 4.76 | -0.24 | 4.77 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1460.00 | 1.00 | 60.21 | 0.00 | -818.90 | 31.69 | 0.00 | 31.69 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1460.00 | 1.00 | -88.13 | 0.00 | -872.72 | -46.38 | 0.00 | 46.38 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1460.00 | 1.00 | -40.56 | 0.00 | -783.49 | -21.35 | 0.00 | 21.35 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1460.00 | 1.00 | 5.68 | 0.00 | -984.20 | 2.99 | 0.00 | 2.99 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1460.00 | 1.00 | -43.05 | 0.00 | -783.12 | -22.66 | 0.00 | 22.66 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1460.00 | 1.00 | 8.12 | 0.00 | -984.59 | 4.27 | 0.00 | 4.27 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1460.00 | 1.00 | 355.77 | 54.51 | -660.37 | 187.25 | 28.69 | 189.43 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1460.00 | 1.00 | -382.05 | -54.51 | -1072.08 | -201.08 | -28.69 | 203.11 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1460.00 | 1.00 | 52.87 | 181.78 | -476.11 | 27.83 | 95.68 | 99.64 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1460.00 | 1.00 | -89.17 | -181.78 | -1251.42 | -46.93 | -95.68 | 106.57 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1460.00 | 1.00 | 50.43 | 181.78 | -475.72 | 26.54 | 95.68 | 99.29 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1460.00 | 1.00 | -86.72 | -181.78 | -1251.80 | -45.64 | -95.68 | 106.01 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1460.00 | 1.00 | 416.27 | 64.99 | -605.48 | 219.09 | 34.21 | 221.74 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1460.00 | 1.00 | -442.55 | -64.99 | -1126.97 | -232.92 | -34.21 | 235.42 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1460.00 | 1.00 | 72.36 | 216.75 | -409.11 | 38.09 | 114.08 | 120.27 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1460.00 | 1.00 | -108.66 | -216.75 | -1318.42 | -57.19 | -114.08 | 127.61 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1460.00 | 1.00 | 69.92 | 216.75 | -408.72 | 36.80 | 114.08 | 119.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1460.00 | 1.00 | -106.22 | -216.75 | -1318.80 | -55.90 | -114.08 | 127.04 |

Point 19

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1461.00 | 1.00 | 22.82 | 120.71 | -678.39 | 12.01 | 63.53 | 64.66 |
| 5173:SLU STR (Min)(Fx) | 1461.00 | 1.00 | -22.82 | -120.95 | -1445.91 | -12.01 | -63.66 | 64.78 |
| 5172:SLU STR (Max)(Fy) | 1461.00 | 1.00 | -22.81 | 202.39 | -1477.63 | -12.01 | 106.52 | 107.20 |
| 5173:SLU STR (Min)(Fy) | 1461.00 | 1.00 | 22.82 | -202.33 | -1340.98 | 12.01 | -106.49 | 107.16 |
| 5172:SLU STR (Max)(Fz) | 1461.00 | 1.00 | 22.82 | 120.46 | -248.99 | 12.01 | 63.40 | 64.53 |
| 5173:SLU STR (Min)(Fz) | 1461.00 | 1.00 | -22.82 | -120.16 | -3277.57 | -12.01 | -63.24 | 64.37 |
| 5174:SLE RARA (Max)(Fx) | 1461.00 | 1.00 | 16.90 | 80.45 | -738.63 | 8.89 | 42.34 | 43.27 |
| 5175:SLE RARA (Min)(Fx) | 1461.00 | 1.00 | -16.90 | -80.62 | -1067.60 | -8.89 | -42.43 | 43.36 |
| 5174:SLE RARA (Max)(Fy) | 1461.00 | 1.00 | -16.90 | 134.97 | -1345.96 | -8.89 | 71.04 | 71.59 |
| 5175:SLE RARA (Min)(Fy) | 1461.00 | 1.00 | 16.90 | -134.93 | -974.29 | 8.89 | -71.02 | 71.57 |
| 5174:SLE RARA (Max)(Fz) | 1461.00 | 1.00 | 16.90 | 80.26 | -442.56 | 8.89 | 42.24 | 43.17 |
| 5175:SLE RARA (Min)(Fz) | 1461.00 | 1.00 | -16.90 | -80.04 | -2402.10 | -8.89 | -42.13 | 43.06 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1461.00 | 1.00 | 16.90 | 0.00 | -887.57 | 8.89 | 0.00 | 8.89 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1461.00 | 1.00 | -16.90 | 0.00 | -845.00 | -8.89 | 0.00 | 8.89 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1461.00 | 1.00 | -16.90 | 26.90 | -960.64 | -8.89 | 14.16 | 16.72 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1461.00 | 1.00 | 16.90 | -26.90 | -769.65 | 8.89 | -14.16 | 16.72 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1461.00 | 1.00 | 16.90 | -0.24 | -621.68 | 8.89 | -0.13 | 8.90 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1461.00 | 1.00 | -16.90 | 0.46 | -1809.27 | -8.89 | 0.24 | 8.90 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1461.00 | 1.00 | 16.90 | 0.00 | -918.05 | 8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1461.00 | 1.00 | -16.90 | 0.00 | -856.48 | -8.89 | 0.00 | 8.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1461.00 | 1.00 | -16.90 | 0.00 | -941.21 | -8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1461.00 | 1.00 | 16.90 | 0.00 | -748.29 | 8.89 | 0.00 | 8.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1461.00 | 1.00 | 16.90 | 0.00 | -785.01 | 8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1461.00 | 1.00 | -16.90 | 0.00 | -985.36 | -8.89 | 0.00 | 8.89 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1461.00 | 1.00 | 16.90 | 45.12 | -653.54 | 8.89 | 23.74 | 25.36 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1461.00 | 1.00 | -16.90 | -45.12 | -1080.91 | -8.89 | -23.74 | 25.36 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1461.00 | 1.00 | -16.90 | 150.97 | -686.71 | -8.89 | 79.46 | 79.96 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1461.00 | 1.00 | 16.90 | -150.97 | -1043.58 | 8.89 | -79.46 | 79.96 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1461.00 | 1.00 | 16.90 | 150.97 | -449.36 | 8.89 | 79.46 | 79.96 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1461.00 | 1.00 | -16.90 | -150.97 | -1280.93 | -8.89 | -79.46 | 79.96 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1461.00 | 1.00 | 16.90 | 53.78 | -583.01 | 8.89 | 28.31 | 29.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1461.00 | 1.00 | -16.90 | -53.78 | -1151.45 | -8.89 | -28.31 | 29.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1461.00 | 1.00 | -16.90 | 180.09 | -603.39 | -8.89 | 94.78 | 95.20 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1461.00 | 1.00 | 16.90 | -180.09 | -1126.90 | 8.89 | -94.78 | 95.20 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1461.00 | 1.00 | 16.90 | 180.09 | -365.93 | 8.89 | 94.78 | 95.20 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1461.00 | 1.00 | -16.90 | -180.09 | -1364.36 | -8.89 | -94.78 | 95.20 |

Point 20

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1462.00 | 1.00 | 22.82 | -120.71 | -678.39 | 12.01 | -63.53 | 64.66 |
| 5173:SLU STR (Min)(Fx) | 1462.00 | 1.00 | -22.82 | 120.95 | -1445.91 | -12.01 | 63.66 | 64.78 |
| 5172:SLU STR (Max)(Fy) | 1462.00 | 1.00 | 22.82 | 202.33 | -993.05 | 12.01 | 106.49 | 107.16 |
| 5173:SLU STR (Min)(Fy) | 1462.00 | 1.00 | -22.81 | -202.39 | -1825.55 | -12.01 | -106.52 | 107.20 |
| 5172:SLU STR (Max)(Fz) | 1462.00 | 1.00 | 22.82 | -120.46 | -248.99 | 12.01 | -63.40 | 64.53 |
| 5173:SLU STR (Min)(Fz) | 1462.00 | 1.00 | -22.82 | 120.16 | -3277.57 | -12.01 | 63.24 | 64.37 |
| 5174:SLE RARA (Max)(Fx) | 1462.00 | 1.00 | 16.90 | -80.45 | -738.63 | 8.89 | -42.34 | 43.27 |
| 5175:SLE RARA (Min)(Fx) | 1462.00 | 1.00 | -16.90 | 80.62 | -1067.60 | -8.89 | 42.43 | 43.36 |
| 5174:SLE RARA (Max)(Fy) | 1462.00 | 1.00 | 16.90 | 134.93 | -974.29 | 8.89 | 71.02 | 71.57 |
| 5175:SLE RARA (Min)(Fy) | 1462.00 | 1.00 | -16.90 | -134.98 | -1345.96 | -8.89 | -71.04 | 71.59 |
| 5174:SLE RARA (Max)(Fz) | 1462.00 | 1.00 | 16.90 | -80.26 | -442.56 | 8.89 | -42.24 | 43.17 |
| 5175:SLE RARA (Min)(Fz) | 1462.00 | 1.00 | -16.90 | 80.04 | -2402.09 | -8.89 | 42.13 | 43.06 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1462.00 | 1.00 | 16.90 | 0.00 | -887.57 | 8.89 | 0.00 | 8.89 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1462.00 | 1.00 | -16.90 | 0.00 | -845.00 | -8.89 | 0.00 | 8.89 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1462.00 | 1.00 | 16.90 | 26.90 | -769.65 | 8.89 | 14.16 | 16.72 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1462.00 | 1.00 | -16.90 | -26.90 | -960.64 | -8.89 | -14.16 | 16.72 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1462.00 | 1.00 | 16.90 | 0.24 | -621.68 | 8.89 | 0.13 | 8.90 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1462.00 | 1.00 | -16.90 | -0.46 | -1809.27 | -8.89 | -0.24 | 8.90 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1462.00 | 1.00 | 16.90 | 0.00 | -918.05 | 8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1462.00 | 1.00 | -16.90 | 0.00 | -856.47 | -8.89 | 0.00 | 8.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1462.00 | 1.00 | 16.90 | 0.00 | -788.36 | 8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1462.00 | 1.00 | -16.90 | 0.00 | -982.00 | -8.89 | 0.00 | 8.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1462.00 | 1.00 | 16.90 | 0.00 | -785.01 | 8.89 | 0.00 | 8.89 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1462.00 | 1.00 | -16.90 | 0.00 | -985.36 | -8.89 | 0.00 | 8.89 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1462.00 | 1.00 | 16.90 | 45.12 | -653.59 | 8.89 | 23.74 | 25.36 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1462.00 | 1.00 | -16.90 | -45.12 | -1080.86 | -8.89 | -23.74 | 25.36 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1462.00 | 1.00 | 16.90 | 150.97 | -453.17 | 8.89 | 79.46 | 79.96 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1462.00 | 1.00 | -16.90 | -150.97 | -1277.12 | -8.89 | -79.46 | 79.96 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1462.00 | 1.00 | 16.90 | 150.97 | -449.53 | 8.89 | 79.46 | 79.96 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1462.00 | 1.00 | -16.90 | -150.97 | -1280.76 | -8.89 | -79.46 | 79.96 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1462.00 | 1.00 | 16.90 | 53.78 | -583.06 | 8.89 | 28.31 | 29.67 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1462.00 | 1.00 | -16.90 | -53.78 | -1151.39 | -8.89 | -28.31 | 29.67 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1462.00 | 1.00 | 16.90 | 180.09 | -369.87 | 8.89 | 94.78 | 95.20 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1462.00 | 1.00 | -16.90 | -180.09 | -1360.42 | -8.89 | -94.78 | 95.20 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1462.00 | 1.00 | 16.90 | 180.09 | -366.12 | 8.89 | 94.78 | 95.20 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1462.00 | 1.00 | -16.90 | -180.09 | -1364.17 | -8.89 | -94.78 | 95.20 |

Point 21

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1463.00 | 1.00 | 426.11 | 245.53 | -4068.14 | 120.71 | 69.55 | 139.32 |
| 5173:SLU STR (Min)(Fx) | 1463.00 | 1.00 | -405.55 | -245.66 | -6233.63 | -114.89 | -69.59 | 134.32 |
| 5172:SLU STR (Max)(Fy) | 1463.00 | 1.00 | -35.49 | 412.02 | -6607.15 | -10.05 | 116.72 | 117.15 |
| 5173:SLU STR (Min)(Fy) | 1463.00 | 1.00 | 129.07 | -411.00 | -4181.55 | 36.56 | -116.43 | 122.04 |
| 5172:SLU STR (Max)(Fz) | 1463.00 | 1.00 | 138.99 | 409.79 | -3023.75 | 39.37 | 116.09 | 122.58 |
| 5173:SLU STR (Min)(Fz) | 1463.00 | 1.00 | -44.66 | -243.61 | -8723.41 | -12.65 | -69.01 | 70.16 |
| 5174:SLE RARA (Max)(Fx) | 1463.00 | 1.00 | 293.95 | 163.64 | -3974.94 | 83.27 | 46.36 | 95.31 |
| 5175:SLE RARA (Min)(Fx) | 1463.00 | 1.00 | -261.77 | -163.74 | -4628.55 | -74.15 | -46.38 | 87.47 |
| 5174:SLE RARA (Max)(Fy) | 1463.00 | 1.00 | -14.33 | 274.82 | -4933.09 | -4.06 | 77.85 | 77.96 |
| 5175:SLE RARA (Min)(Fy) | 1463.00 | 1.00 | 95.46 | -274.06 | -4031.68 | 27.04 | -77.64 | 82.21 |
| 5174:SLE RARA (Max)(Fz) | 1463.00 | 1.00 | 102.31 | 163.57 | -3217.91 | 28.98 | 46.34 | 54.65 |
| 5175:SLE RARA (Min)(Fz) | 1463.00 | 1.00 | -20.65 | -162.22 | -6458.90 | -5.85 | -45.95 | 46.33 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1463.00 | 1.00 | 194.42 | 0.00 | -3864.33 | 55.08 | 0.00 | 55.08 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1463.00 | 1.00 | -134.91 | 0.00 | -3710.81 | -38.22 | 0.00 | 38.22 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1463.00 | 1.00 | -4.91 | 54.69 | -3926.16 | -1.39 | 15.49 | 15.55 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1463.00 | 1.00 | 89.34 | -54.68 | -3650.21 | 25.31 | -15.49 | 29.67 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1463.00 | 1.00 | 91.30 | -0.26 | -3477.01 | 25.86 | -0.07 | 25.86 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1463.00 | 1.00 | -6.89 | 1.19 | -5194.01 | -1.95 | 0.34 | 1.98 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1463.00 | 1.00 | 168.96 | 0.00 | -3847.11 | 47.86 | 0.00 | 47.86 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1463.00 | 1.00 | -104.99 | 0.00 | -3722.10 | -29.74 | 0.00 | 29.74 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1463.00 | 1.00 | -5.16 | 0.00 | -3876.24 | -1.46 | 0.00 | 1.46 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1463.00 | 1.00 | 89.87 | 0.00 | -3603.20 | 25.46 | 0.00 | 25.46 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1463.00 | 1.00 | 89.95 | 0.00 | -3700.19 | 25.48 | 0.00 | 25.48 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1463.00 | 1.00 | -5.44 | 0.00 | -3973.17 | -1.54 | 0.00 | 1.54 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1463.00 | 1.00 | 734.07 | 95.48 | -3444.00 | 207.95 | 27.05 | 209.70 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1463.00 | 1.00 | -668.72 | -95.48 | -4128.73 | -189.44 | -27.05 | 191.36 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1463.00 | 1.00 | 175.30 | 318.53 | -3421.12 | 49.66 | 90.24 | 103.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1463.00 | 1.00 | -90.87 | -318.53 | -4155.25 | -25.74 | -90.24 | 93.84 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1463.00 | 1.00 | 270.61 | 318.53 | -3051.15 | 76.66 | 90.24 | 118.40 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1463.00 | 1.00 | -186.18 | -318.53 | -4525.22 | -52.74 | -90.24 | 104.52 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1463.00 | 1.00 | 849.70 | 113.84 | -3313.84 | 240.71 | 32.25 | 242.86 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1463.00 | 1.00 | -784.35 | -113.84 | -4258.89 | -222.20 | -32.25 | 224.52 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1463.00 | 1.00 | 212.31 | 379.80 | -3262.86 | 60.15 | 107.59 | 123.26 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1463.00 | 1.00 | -127.88 | -379.80 | -4313.51 | -36.23 | -107.59 | 113.53 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1463.00 | 1.00 | 307.62 | 379.80 | -2892.89 | 87.14 | 107.59 | 138.46 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1463.00 | 1.00 | -223.19 | -379.80 | -4683.48 | -63.23 | -107.59 | 124.79 |

Point 22

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1464.00 | 1.00 | 426.11 | -245.53 | -4068.14 | 120.71 | -69.55 | 139.32 |
| 5173:SLU STR (Min)(Fx) | 1464.00 | 1.00 | -405.55 | 245.66 | -6233.63 | -114.89 | 69.59 | 134.32 |
| 5172:SLU STR (Max)(Fy) | 1464.00 | 1.00 | 129.07 | 411.00 | -4181.55 | 36.56 | 116.43 | 122.04 |
| 5173:SLU STR (Min)(Fy) | 1464.00 | 1.00 | -35.49 | -412.02 | -6607.15 | -10.05 | -116.72 | 117.15 |
| 5172:SLU STR (Max)(Fz) | 1464.00 | 1.00 | 138.99 | -409.79 | -3023.75 | 39.37 | -116.09 | 122.58 |
| 5173:SLU STR (Min)(Fz) | 1464.00 | 1.00 | -44.66 | 243.61 | -8723.41 | -12.65 | 69.01 | 70.16 |
| 5174:SLE RARA (Max)(Fx) | 1464.00 | 1.00 | 293.95 | -163.64 | -3974.95 | 83.27 | -46.36 | 95.31 |
| 5175:SLE RARA (Min)(Fx) | 1464.00 | 1.00 | -261.77 | 163.74 | -4628.55 | -74.15 | 46.38 | 87.47 |
| 5174:SLE RARA (Max)(Fy) | 1464.00 | 1.00 | 95.46 | 274.06 | -4031.68 | 27.04 | 77.64 | 82.21 |
| 5175:SLE RARA (Min)(Fy) | 1464.00 | 1.00 | -14.33 | -274.82 | -4933.09 | -4.06 | -77.85 | 77.96 |
| 5174:SLE RARA (Max)(Fz) | 1464.00 | 1.00 | 102.31 | -163.57 | -3217.91 | 28.98 | -46.34 | 54.65 |
| 5175:SLE RARA (Min)(Fz) | 1464.00 | 1.00 | -20.65 | 162.22 | -6458.90 | -5.85 | 45.95 | 46.33 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1464.00 | 1.00 | 194.42 | 0.00 | -3864.33 | 55.08 | 0.00 | 55.08 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1464.00 | 1.00 | -134.91 | 0.00 | -3710.81 | -38.22 | 0.00 | 38.22 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1464.00 | 1.00 | 89.34 | 54.68 | -3650.21 | 25.31 | 15.49 | 29.67 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1464.00 | 1.00 | -4.91 | -54.69 | -3926.16 | -1.39 | -15.49 | 15.55 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1464.00 | 1.00 | 91.30 | 0.26 | -3477.01 | 25.86 | 0.07 | 25.86 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1464.00 | 1.00 | -6.90 | -1.19 | -5194.01 | -1.95 | -0.34 | 1.98 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1464.00 | 1.00 | 168.96 | 0.00 | -3847.11 | 47.86 | 0.00 | 47.86 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1464.00 | 1.00 | -104.99 | 0.00 | -3722.10 | -29.74 | 0.00 | 29.74 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1464.00 | 1.00 | 89.95 | 0.00 | -3700.19 | 25.48 | 0.00 | 25.48 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1464.00 | 1.00 | -5.44 | 0.00 | -3973.17 | -1.54 | 0.00 | 1.54 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1464.00 | 1.00 | 89.95 | 0.00 | -3700.19 | 25.48 | 0.00 | 25.48 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1464.00 | 1.00 | -5.44 | 0.00 | -3973.17 | -1.54 | 0.00 | 1.54 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1464.00 | 1.00 | 734.07 | 95.48 | -3443.91 | 207.95 | 27.05 | 209.70 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1464.00 | 1.00 | -668.72 | -95.48 | -4128.82 | -189.44 | -27.05 | 191.36 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1464.00 | 1.00 | 270.61 | 318.53 | -3050.85 | 76.66 | 90.24 | 118.40 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1464.00 | 1.00 | -186.18 | -318.53 | -4525.52 | -52.74 | -90.24 | 104.52 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1464.00 | 1.00 | 270.61 | 318.53 | -3050.85 | 76.66 | 90.24 | 118.40 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1464.00 | 1.00 | -186.18 | -318.53 | -4525.52 | -52.74 | -90.24 | 104.52 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1464.00 | 1.00 | 849.70 | 113.84 | -3313.74 | 240.71 | 32.25 | 242.86 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1464.00 | 1.00 | -784.35 | -113.84 | -4258.99 | -222.20 | -32.25 | 224.52 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1464.00 | 1.00 | 307.62 | 379.80 | -2892.56 | 87.14 | 107.59 | 138.46 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1464.00 | 1.00 | -223.19 | -379.80 | -4683.81 | -63.23 | -107.59 | 124.79 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1464.00 | 1.00 | 307.62 | 379.80 | -2892.56 | 87.14 | 107.59 | 138.46 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1464.00 | 1.00 | -223.19 | -379.80 | -4683.81 | -63.23 | -107.59 | 124.79 |

Point 23

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1465.00 | 1.00 | 311.71 | 274.46 | -5950.67 | 88.30 | 77.75 | 117.65 |
| 5173:SLU STR (Min)(Fx) | 1465.00 | 1.00 | -292.57 | -273.83 | -5189.66 | -82.88 | -77.57 | 113.52 |
| 5172:SLU STR (Max)(Fy) | 1465.00 | 1.00 | 99.19 | 459.40 | -6820.64 | 28.10 | 130.14 | 133.14 |
| 5173:SLU STR (Min)(Fy) | 1465.00 | 1.00 | -30.16 | -458.36 | -4494.15 | -8.54 | -129.85 | 130.13 |
| 5172:SLU STR (Max)(Fz) | 1465.00 | 1.00 | -23.53 | 273.20 | -3218.92 | -6.67 | 77.39 | 77.68 |
| 5173:SLU STR (Min)(Fz) | 1465.00 | 1.00 | 94.48 | -271.21 | -9153.07 | 26.77 | -76.83 | 81.36 |
| 5174:SLE RARA (Max)(Fx) | 1465.00 | 1.00 | 215.70 | 182.99 | -4424.96 | 61.10 | 51.84 | 80.13 |
| 5175:SLE RARA (Min)(Fx) | 1465.00 | 1.00 | -189.23 | -182.52 | -4859.00 | -53.61 | -51.70 | 74.48 |
| 5174:SLE RARA (Max)(Fy) | 1465.00 | 1.00 | 73.01 | 306.43 | -5091.15 | 20.68 | 86.81 | 89.24 |
| 5175:SLE RARA (Min)(Fy) | 1465.00 | 1.00 | -13.26 | -305.67 | -4321.86 | -3.76 | -86.59 | 86.67 |
| 5174:SLE RARA (Max)(Fz) | 1465.00 | 1.00 | -8.69 | 182.05 | -3423.61 | -2.46 | 51.57 | 51.63 |
| 5175:SLE RARA (Min)(Fz) | 1465.00 | 1.00 | 69.86 | -180.58 | -6772.51 | 19.79 | -51.15 | 54.85 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1465.00 | 1.00 | 139.96 | 0.00 | -4019.32 | 39.65 | 0.00 | 39.65 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1465.00 | 1.00 | -96.52 | 0.00 | -3930.71 | -27.34 | 0.00 | 27.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1465.00 | 1.00 | 65.72 | 60.95 | -4050.78 | 18.62 | 17.27 | 25.39 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1465.00 | 1.00 | -4.49 | -60.95 | -3899.56 | -1.27 | -17.27 | 17.31 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1465.00 | 1.00 | -2.95 | -0.38 | -3709.10 | -0.84 | -0.11 | 0.84 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1465.00 | 1.00 | 65.12 | 1.42 | -5397.22 | 18.45 | 0.40 | 18.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1465.00 | 1.00 | 121.11 | 0.00 | -3987.61 | 34.31 | 0.00 | 34.31 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1465.00 | 1.00 | -75.19 | 0.00 | -3933.14 | -21.30 | 0.00 | 21.30 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1465.00 | 1.00 | 65.52 | 0.00 | -3988.54 | 18.56 | 0.00 | 18.56 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1465.00 | 1.00 | -4.11 | 0.00 | -3847.39 | -1.17 | 0.00 | 1.17 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1465.00 | 1.00 | -4.19 | 0.00 | -3963.85 | -1.19 | 0.00 | 1.19 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1465.00 | 1.00 | 65.34 | 0.00 | -4102.95 | 18.51 | 0.00 | 18.51 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1465.00 | 1.00 | 666.29 | 125.65 | -3710.31 | 188.75 | 35.60 | 192.08 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1465.00 | 1.00 | -618.66 | -125.65 | -4240.14 | -175.26 | -35.60 | 178.84 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1465.00 | 1.00 | 238.59 | 419.10 | -3590.30 | 67.59 | 118.73 | 136.62 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1465.00 | 1.00 | -177.37 | -419.10 | -4360.04 | -50.25 | -118.73 | 128.92 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1465.00 | 1.00 | 169.14 | 419.10 | -3334.75 | 47.91 | 118.73 | 128.03 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1465.00 | 1.00 | -107.91 | -419.10 | -4615.59 | -30.57 | -118.73 | 122.60 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1465.00 | 1.00 | 774.61 | 149.81 | -3616.22 | 219.44 | 42.44 | 223.50 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1465.00 | 1.00 | -726.98 | -149.81 | -4334.24 | -205.94 | -42.44 | 210.27 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1465.00 | 1.00 | 273.09 | 499.72 | -3456.85 | 77.36 | 141.56 | 161.32 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1465.00 | 1.00 | -211.87 | -499.72 | -4493.49 | -60.02 | -141.56 | 153.76 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1465.00 | 1.00 | 203.64 | 499.72 | -3201.30 | 57.69 | 141.56 | 152.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1465.00 | 1.00 | -142.41 | -499.72 | -4749.04 | -40.34 | -141.56 | 147.20 |

Point 24

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1466.00 | 1.00 | 311.71 | -274.46 | -5950.67 | 88.30 | -77.75 | 117.65 |
| 5173:SLU STR (Min)(Fx) | 1466.00 | 1.00 | -292.57 | 273.83 | -5189.66 | -82.88 | 77.57 | 113.52 |
| 5172:SLU STR (Max)(Fy) | 1466.00 | 1.00 | -30.03 | 458.36 | -5890.62 | -8.51 | 129.85 | 130.13 |
| 5173:SLU STR (Min)(Fy) | 1466.00 | 1.00 | 99.06 | -459.40 | -5424.17 | 28.06 | -130.14 | 133.13 |
| 5172:SLU STR (Max)(Fz) | 1466.00 | 1.00 | -23.53 | -273.19 | -3218.91 | -6.67 | -77.39 | 77.68 |
| 5173:SLU STR (Min)(Fz) | 1466.00 | 1.00 | 94.48 | 271.21 | -9153.07 | 26.77 | 76.83 | 81.36 |
| 5174:SLE RARA (Max)(Fx) | 1466.00 | 1.00 | 215.70 | -182.98 | -4424.96 | 61.10 | -51.84 | 80.13 |
| 5175:SLE RARA (Min)(Fx) | 1466.00 | 1.00 | -189.23 | 182.52 | -4859.00 | -53.61 | 51.71 | 74.48 |
| 5174:SLE RARA (Max)(Fy) | 1466.00 | 1.00 | -13.26 | 305.67 | -4321.86 | -3.76 | 86.59 | 86.67 |
| 5175:SLE RARA (Min)(Fy) | 1466.00 | 1.00 | 73.01 | -306.43 | -5091.15 | 20.68 | -86.81 | 89.24 |
| 5174:SLE RARA (Max)(Fz) | 1466.00 | 1.00 | -8.69 | -182.05 | -3423.61 | -2.46 | -51.57 | 51.63 |
| 5175:SLE RARA (Min)(Fz) | 1466.00 | 1.00 | 69.86 | 180.58 | -6772.51 | 19.79 | 51.16 | 54.85 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1466.00 | 1.00 | 139.96 | 0.00 | -4019.32 | 39.65 | 0.00 | 39.65 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1466.00 | 1.00 | -96.52 | 0.00 | -3930.71 | -27.34 | 0.00 | 27.34 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1466.00 | 1.00 | -4.49 | 60.95 | -3899.56 | -1.27 | 17.27 | 17.31 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1466.00 | 1.00 | 65.72 | -60.95 | -4050.78 | 18.62 | -17.27 | 25.39 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1466.00 | 1.00 | -2.95 | 0.38 | -3709.10 | -0.84 | 0.11 | 0.84 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1466.00 | 1.00 | 65.12 | -1.42 | -5397.22 | 18.45 | -0.40 | 18.45 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1466.00 | 1.00 | 121.10 | 0.00 | -3987.60 | 34.31 | 0.00 | 34.31 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1466.00 | 1.00 | -75.19 | 0.00 | -3933.14 | -21.30 | 0.00 | 21.30 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1466.00 | 1.00 | -4.19 | 0.00 | -3963.85 | -1.19 | 0.00 | 1.19 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1466.00 | 1.00 | 65.34 | 0.00 | -4102.94 | 18.51 | 0.00 | 18.51 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1466.00 | 1.00 | -4.19 | 0.00 | -3963.85 | -1.19 | 0.00 | 1.19 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1466.00 | 1.00 | 65.34 | 0.00 | -4102.94 | 18.51 | 0.00 | 18.51 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1466.00 | 1.00 | 666.29 | 125.65 | -3710.36 | 188.75 | 35.60 | 192.08 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1466.00 | 1.00 | -618.66 | -125.65 | -4240.09 | -175.26 | -35.60 | 178.84 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1466.00 | 1.00 | 169.14 | 419.10 | -3334.90 | 47.91 | 118.73 | 128.03 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1466.00 | 1.00 | -107.91 | -419.10 | -4615.44 | -30.57 | -118.73 | 122.60 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1466.00 | 1.00 | 169.14 | 419.10 | -3334.90 | 47.91 | 118.73 | 128.03 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1466.00 | 1.00 | -107.91 | -419.10 | -4615.44 | -30.57 | -118.73 | 122.60 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1466.00 | 1.00 | 774.61 | 149.81 | -3616.27 | 219.44 | 42.44 | 223.50 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1466.00 | 1.00 | -726.98 | -149.81 | -4334.18 | -205.94 | -42.44 | 210.27 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1466.00 | 1.00 | 203.64 | 499.72 | -3201.47 | 57.69 | 141.56 | 152.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1466.00 | 1.00 | -142.41 | -499.72 | -4748.86 | -40.34 | -141.56 | 147.20 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1466.00 | 1.00 | 203.64 | 499.72 | -3201.47 | 57.69 | 141.56 | 152.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1466.00 | 1.00 | -142.41 | -499.72 | -4748.86 | -40.34 | -141.56 | 147.20 |

Point 25

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1467.00 | 1.00 | 191.58 | 292.23 | -4473.45 | 54.27 | 82.78 | 98.99 |
| 5173:SLU STR (Min)(Fx) | 1467.00 | 1.00 | -180.40 | -291.57 | -6530.33 | -51.10 | -82.60 | 97.13 |
| 5172:SLU STR (Max)(Fy) | 1467.00 | 1.00 | 116.82 | 488.93 | -6703.22 | 33.09 | 138.51 | 142.41 |
| 5173:SLU STR (Min)(Fy) | 1467.00 | 1.00 | -90.35 | -487.90 | -4456.13 | -25.59 | -138.22 | 140.56 |
| 5172:SLU STR (Max)(Fz) | 1467.00 | 1.00 | -85.71 | 290.87 | -3087.50 | -24.28 | 82.40 | 85.90 |
| 5173:SLU STR (Min)(Fz) | 1467.00 | 1.00 | 113.70 | -288.95 | -9084.95 | 32.21 | -81.86 | 87.96 |
| 5174:SLE RARA (Max)(Fx) | 1467.00 | 1.00 | 132.92 | 194.84 | -4346.66 | 37.65 | 55.19 | 66.81 |
| 5175:SLE RARA (Min)(Fx) | 1467.00 | 1.00 | -117.29 | -194.34 | -4816.88 | -33.23 | -55.05 | 64.30 |
| 5174:SLE RARA (Max)(Fy) | 1467.00 | 1.00 | 81.85 | 326.12 | -5009.04 | 23.19 | 92.39 | 95.25 |
| 5175:SLE RARA (Min)(Fy) | 1467.00 | 1.00 | -56.02 | -325.36 | -4269.74 | -15.87 | -92.17 | 93.53 |
| 5174:SLE RARA (Max)(Fz) | 1467.00 | 1.00 | -52.77 | 193.83 | -3304.65 | -14.95 | 54.91 | 56.91 |
| 5175:SLE RARA (Min)(Fz) | 1467.00 | 1.00 | 79.73 | -192.41 | -6724.58 | 22.59 | -54.51 | 59.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1467.00 | 1.00 | 85.06 | 0.00 | -3942.22 | 24.10 | 0.00 | 24.10 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1467.00 | 1.00 | -59.10 | 0.00 | -3870.47 | -16.74 | 0.00 | 16.74 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1467.00 | 1.00 | 70.96 | 64.89 | -3974.25 | 20.10 | 18.38 | 27.24 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1467.00 | 1.00 | -42.49 | -64.89 | -3838.45 | -12.04 | -18.38 | 21.97 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1467.00 | 1.00 | -41.18 | -0.39 | -3626.35 | -11.67 | -0.11 | 11.67 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1467.00 | 1.00 | 70.42 | 1.41 | -5331.14 | 19.95 | 0.40 | 19.95 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1467.00 | 1.00 | 72.90 | 0.00 | -3909.22 | 20.65 | 0.00 | 20.65 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1467.00 | 1.00 | -46.33 | 0.00 | -3871.21 | -13.12 | 0.00 | 13.12 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1467.00 | 1.00 | 70.75 | 0.00 | -3909.25 | 20.04 | 0.00 | 20.04 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1467.00 | 1.00 | -42.28 | 0.00 | -3783.66 | -11.98 | 0.00 | 11.98 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1467.00 | 1.00 | -42.32 | 0.00 | -3901.73 | -11.99 | 0.00 | 11.99 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1467.00 | 1.00 | 70.75 | 0.00 | -4029.04 | 20.04 | 0.00 | 20.04 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1467.00 | 1.00 | 603.46 | 155.74 | -3570.31 | 170.95 | 44.12 | 176.55 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1467.00 | 1.00 | -575.00 | -155.74 | -4242.39 | -162.89 | -44.12 | 168.76 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1467.00 | 1.00 | 236.80 | 519.34 | -3398.18 | 67.08 | 147.12 | 161.69 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1467.00 | 1.00 | -208.34 | -519.34 | -4414.52 | -59.02 | -147.12 | 158.52 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1467.00 | 1.00 | 123.77 | 519.34 | -3152.79 | 35.06 | 147.12 | 151.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1467.00 | 1.00 | -95.31 | -519.34 | -4659.91 | -27.00 | -147.12 | 149.58 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1467.00 | 1.00 | 706.54 | 185.68 | -3455.22 | 200.15 | 52.60 | 206.95 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1467.00 | 1.00 | -678.08 | -185.68 | -4357.48 | -192.09 | -52.60 | 199.16 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1467.00 | 1.00 | 269.18 | 619.22 | -3233.49 | 76.25 | 175.42 | 191.27 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1467.00 | 1.00 | -240.71 | -619.22 | -4579.22 | -68.19 | -175.42 | 188.20 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1467.00 | 1.00 | 156.15 | 619.22 | -2988.10 | 44.23 | 175.42 | 180.91 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1467.00 | 1.00 | -127.68 | -619.22 | -4824.60 | -36.17 | -175.42 | 179.11 |

Point 26

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1468.00 | 1.00 | 191.58 | -292.22 | -4473.46 | 54.27 | -82.78 | 98.99 |
| 5173:SLU STR (Min)(Fx) | 1468.00 | 1.00 | -180.40 | 291.57 | -6530.35 | -51.10 | 82.60 | 97.13 |
| 5172:SLU STR (Max)(Fy) | 1468.00 | 1.00 | -90.36 | 487.90 | -5821.73 | -25.60 | 138.22 | 140.57 |
| 5173:SLU STR (Min)(Fy) | 1468.00 | 1.00 | 116.84 | -488.93 | -5337.66 | 33.10 | -138.51 | 142.41 |
| 5172:SLU STR (Max)(Fz) | 1468.00 | 1.00 | -85.71 | -290.86 | -3087.52 | -24.28 | -82.40 | 85.90 |
| 5173:SLU STR (Min)(Fz) | 1468.00 | 1.00 | 113.70 | 288.95 | -9084.97 | 32.21 | 81.86 | 87.97 |
| 5174:SLE RARA (Max)(Fx) | 1468.00 | 1.00 | 132.92 | -194.83 | -4346.68 | 37.65 | -55.19 | 66.81 |
| 5175:SLE RARA (Min)(Fx) | 1468.00 | 1.00 | -117.29 | 194.35 | -4816.90 | -33.23 | 55.06 | 64.31 |
| 5174:SLE RARA (Max)(Fy) | 1468.00 | 1.00 | -56.02 | 325.36 | -4269.76 | -15.87 | 92.17 | 93.53 |
| 5175:SLE RARA (Min)(Fy) | 1468.00 | 1.00 | 81.85 | -326.12 | -5009.06 | 23.19 | -92.39 | 95.25 |
| 5174:SLE RARA (Max)(Fz) | 1468.00 | 1.00 | -52.77 | -193.83 | -3304.66 | -14.95 | -54.91 | 56.91 |
| 5175:SLE RARA (Min)(Fz) | 1468.00 | 1.00 | 79.73 | 192.41 | -6724.59 | 22.59 | 54.51 | 59.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1468.00 | 1.00 | 85.06 | 0.00 | -3942.24 | 24.10 | 0.00 | 24.10 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1468.00 | 1.00 | -59.10 | 0.00 | -3870.48 | -16.74 | 0.00 | 16.74 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1468.00 | 1.00 | -42.49 | 64.89 | -3838.47 | -12.04 | 18.38 | 21.97 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1468.00 | 1.00 | 70.96 | -64.89 | -3974.27 | 20.10 | -18.38 | 27.24 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1468.00 | 1.00 | -41.18 | 0.39 | -3626.36 | -11.67 | 0.11 | 11.67 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1468.00 | 1.00 | 70.42 | -1.41 | -5331.16 | 19.95 | -0.40 | 19.95 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1468.00 | 1.00 | 72.90 | 0.00 | -3909.24 | 20.65 | 0.00 | 20.65 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1468.00 | 1.00 | -46.33 | 0.00 | -3871.23 | -13.12 | 0.00 | 13.12 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1468.00 | 1.00 | -42.32 | 0.00 | -3901.75 | -11.99 | 0.00 | 11.99 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1468.00 | 1.00 | 70.75 | 0.00 | -4029.06 | 20.04 | 0.00 | 20.04 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1468.00 | 1.00 | -42.32 | 0.00 | -3901.75 | -11.99 | 0.00 | 11.99 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1468.00 | 1.00 | 70.75 | 0.00 | -4029.06 | 20.04 | 0.00 | 20.04 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1468.00 | 1.00 | 603.46 | 155.74 | -3570.30 | 170.95 | 44.12 | 176.55 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1468.00 | 1.00 | -575.00 | -155.74 | -4242.43 | -162.89 | -44.12 | 168.76 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1468.00 | 1.00 | 123.77 | 519.34 | -3152.73 | 35.06 | 147.12 | 151.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1468.00 | 1.00 | -95.31 | -519.34 | -4660.01 | -27.00 | -147.12 | 149.58 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1468.00 | 1.00 | 123.77 | 519.34 | -3152.73 | 35.06 | 147.12 | 151.24 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1468.00 | 1.00 | -95.31 | -519.34 | -4660.01 | -27.00 | -147.12 | 149.58 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1468.00 | 1.00 | 706.54 | 185.68 | -3455.21 | 200.15 | 52.60 | 206.95 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1468.00 | 1.00 | -678.08 | -185.68 | -4357.52 | -192.09 | -52.60 | 199.16 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1468.00 | 1.00 | 156.15 | 619.22 | -2988.02 | 44.23 | 175.42 | 180.91 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1468.00 | 1.00 | -127.68 | -619.22 | -4824.71 | -36.17 | -175.42 | 179.11 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1468.00 | 1.00 | 156.15 | 619.22 | -2988.02 | 44.23 | 175.42 | 180.91 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1468.00 | 1.00 | -127.68 | -619.22 | -4824.71 | -36.17 | -175.42 | 179.11 |

Point 27

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1469.00 | 1.00 | 71.95 | 300.51 | -5763.44 | 20.38 | 85.13 | 87.54 |
| 5173:SLU STR (Min)(Fx) | 1469.00 | 1.00 | -68.17 | -299.87 | -5289.42 | -19.31 | -84.95 | 87.12 |
| 5172:SLU STR (Max)(Fy) | 1469.00 | 1.00 | 40.93 | 502.69 | -6723.91 | 11.59 | 142.40 | 142.88 |
| 5173:SLU STR (Min)(Fy) | 1469.00 | 1.00 | -31.77 | -501.65 | -4486.45 | -9.00 | -142.11 | 142.40 |
| 5172:SLU STR (Max)(Fz) | 1469.00 | 1.00 | -29.89 | 299.18 | -3094.68 | -8.47 | 84.75 | 85.18 |
| 5173:SLU STR (Min)(Fz) | 1469.00 | 1.00 | 40.22 | -297.30 | -9131.13 | 11.39 | -84.22 | 84.99 |
| 5174:SLE RARA (Max)(Fx) | 1469.00 | 1.00 | 50.43 | 200.35 | -4282.78 | 14.29 | 56.76 | 58.53 |
| 5175:SLE RARA (Min)(Fx) | 1469.00 | 1.00 | -45.16 | -199.88 | -4922.38 | -12.79 | -56.62 | 58.05 |
| 5174:SLE RARA (Max)(Fy) | 1469.00 | 1.00 | 28.75 | 335.29 | -5024.93 | 8.14 | 94.98 | 95.33 |
| 5175:SLE RARA (Min)(Fy) | 1469.00 | 1.00 | -19.87 | -334.52 | -4296.85 | -5.63 | -94.77 | 94.93 |
| 5174:SLE RARA (Max)(Fz) | 1469.00 | 1.00 | -18.54 | 199.37 | -3315.81 | -5.25 | 56.48 | 56.72 |
| 5175:SLE RARA (Min)(Fz) | 1469.00 | 1.00 | 28.29 | -197.98 | -6758.16 | 8.01 | -56.08 | 56.65 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1469.00 | 1.00 | 33.06 | 0.17 | -4449.09 | 9.37 | 0.05 | 9.37 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1469.00 | 1.00 | -23.59 | 0.31 | -4756.56 | -6.68 | 0.09 | 6.68 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1469.00 | 1.00 | 25.15 | 66.73 | -3991.77 | 7.12 | 18.90 | 20.20 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1469.00 | 1.00 | -15.55 | -66.73 | -3858.90 | -4.40 | -18.90 | 19.41 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1469.00 | 1.00 | -14.63 | -0.38 | -3643.82 | -4.15 | -0.11 | 4.15 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1469.00 | 1.00 | 24.97 | 1.39 | -5354.42 | 7.07 | 0.39 | 7.08 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1469.00 | 1.00 | 25.18 | 0.00 | -3927.84 | 7.13 | 0.00 | 7.13 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1469.00 | 1.00 | -17.47 | 0.00 | -3965.09 | -4.95 | 0.00 | 4.95 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1469.00 | 1.00 | 25.10 | 0.00 | -3927.85 | 7.11 | 0.00 | 7.11 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1469.00 | 1.00 | -15.48 | 0.00 | -3802.76 | -4.39 | 0.00 | 4.39 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1469.00 | 1.00 | -15.49 | 0.00 | -3923.14 | -4.39 | 0.00 | 4.39 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1469.00 | 1.00 | 25.08 | 0.00 | -4047.91 | 7.11 | 0.00 | 7.11 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1469.00 | 1.00 | 547.79 | 175.79 | -3480.02 | 155.18 | 49.80 | 162.98 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1469.00 | 1.00 | -538.19 | -175.79 | -4370.65 | -152.46 | -49.80 | 160.39 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1469.00 | 1.00 | 184.58 | 586.16 | -3352.08 | 52.29 | 166.05 | 174.09 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1469.00 | 1.00 | -174.98 | -586.15 | -4498.59 | -49.57 | -166.05 | 173.29 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1469.00 | 1.00 | 144.01 | 586.16 | -3106.93 | 40.80 | 166.05 | 170.99 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1469.00 | 1.00 | -134.41 | -586.15 | -4743.73 | -38.08 | -166.05 | 170.36 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1469.00 | 1.00 | 648.11 | 209.59 | -3353.99 | 183.60 | 59.37 | 192.96 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1469.00 | 1.00 | -638.51 | -209.58 | -4496.68 | -180.88 | -59.37 | 190.38 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1469.00 | 1.00 | 215.30 | 698.88 | -3170.33 | 60.99 | 197.98 | 207.16 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1469.00 | 1.00 | -205.70 | -698.87 | -4680.34 | -58.27 | -197.98 | 206.38 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1469.00 | 1.00 | 174.73 | 698.88 | -2925.18 | 49.50 | 197.98 | 204.08 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1469.00 | 1.00 | -165.13 | -698.87 | -4925.48 | -46.78 | -197.98 | 203.43 |

Point 28

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1470.00 | 1.00 | 71.95 | -300.50 | -5763.37 | 20.38 | -85.13 | 87.53 |
| 5173:SLU STR (Min)(Fx) | 1470.00 | 1.00 | -68.17 | 299.87 | -5289.37 | -19.31 | 84.95 | 87.12 |
| 5172:SLU STR (Max)(Fy) | 1470.00 | 1.00 | -31.75 | 501.66 | -5860.36 | -8.99 | 142.11 | 142.40 |
| 5173:SLU STR (Min)(Fy) | 1470.00 | 1.00 | 40.91 | -502.69 | -5349.88 | 11.59 | -142.40 | 142.87 |
| 5172:SLU STR (Max)(Fz) | 1470.00 | 1.00 | -29.89 | -299.18 | -3094.63 | -8.47 | -84.75 | 85.17 |
| 5173:SLU STR (Min)(Fz) | 1470.00 | 1.00 | 40.22 | 297.31 | -9131.06 | 11.39 | 84.22 | 84.99 |
| 5174:SLE RARA (Max)(Fx) | 1470.00 | 1.00 | 50.43 | -200.35 | -4282.73 | 14.29 | -56.76 | 58.53 |
| 5175:SLE RARA (Min)(Fx) | 1470.00 | 1.00 | -45.16 | 199.88 | -4922.33 | -12.79 | 56.62 | 58.05 |
| 5174:SLE RARA (Max)(Fy) | 1470.00 | 1.00 | -19.87 | 334.53 | -4296.80 | -5.63 | 94.77 | 94.93 |
| 5175:SLE RARA (Min)(Fy) | 1470.00 | 1.00 | 28.75 | -335.29 | -5024.88 | 8.14 | -94.98 | 95.33 |
| 5174:SLE RARA (Max)(Fz) | 1470.00 | 1.00 | -18.54 | -199.37 | -3315.76 | -5.25 | -56.48 | 56.72 |
| 5175:SLE RARA (Min)(Fz) | 1470.00 | 1.00 | 28.29 | 197.98 | -6758.11 | 8.01 | 56.09 | 56.66 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1470.00 | 1.00 | 33.06 | -0.16 | -4449.04 | 9.37 | -0.05 | 9.37 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1470.00 | 1.00 | -23.59 | -0.30 | -4756.51 | -6.68 | -0.09 | 6.68 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1470.00 | 1.00 | -15.55 | 66.73 | -3858.85 | -4.40 | 18.90 | 19.41 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1470.00 | 1.00 | 25.15 | -66.73 | -3991.72 | 7.12 | -18.90 | 20.20 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1470.00 | 1.00 | -14.63 | 0.38 | -3643.77 | -4.15 | 0.11 | 4.15 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1470.00 | 1.00 | 24.97 | -1.39 | -5354.37 | 7.07 | -0.39 | 7.08 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1470.00 | 1.00 | 25.18 | 0.00 | -3927.78 | 7.13 | 0.00 | 7.13 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1470.00 | 1.00 | -17.47 | 0.00 | -3965.04 | -4.95 | 0.00 | 4.95 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1470.00 | 1.00 | -15.49 | 0.00 | -3923.08 | -4.39 | 0.00 | 4.39 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1470.00 | 1.00 | 25.08 | 0.00 | -4047.85 | 7.11 | 0.00 | 7.11 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1470.00 | 1.00 | -15.49 | 0.00 | -3923.08 | -4.39 | 0.00 | 4.39 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1470.00 | 1.00 | 25.08 | 0.00 | -4047.85 | 7.11 | 0.00 | 7.11 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1470.00 | 1.00 | 547.79 | 175.79 | -3479.99 | 155.18 | 49.80 | 162.98 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1470.00 | 1.00 | -538.19 | -175.79 | -4370.57 | -152.46 | -49.80 | 160.39 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1470.00 | 1.00 | 144.02 | 586.16 | -3106.96 | 40.80 | 166.05 | 170.99 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1470.00 | 1.00 | -134.41 | -586.15 | -4743.60 | -38.08 | -166.05 | 170.36 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1470.00 | 1.00 | 144.02 | 586.16 | -3106.96 | 40.80 | 166.05 | 170.99 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1470.00 | 1.00 | -134.41 | -586.15 | -4743.60 | -38.08 | -166.05 | 170.36 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1470.00 | 1.00 | 648.11 | 209.59 | -3353.97 | 183.60 | 59.37 | 192.96 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1470.00 | 1.00 | -638.51 | -209.58 | -4496.60 | -180.88 | -59.37 | 190.38 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1470.00 | 1.00 | 174.73 | 698.88 | -2925.22 | 49.50 | 197.98 | 204.08 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1470.00 | 1.00 | -165.13 | -698.87 | -4925.34 | -46.78 | -197.98 | 203.43 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1470.00 | 1.00 | 174.73 | 698.88 | -2925.22 | 49.50 | 197.98 | 204.08 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1470.00 | 1.00 | -165.13 | -698.87 | -4925.34 | -46.78 | -197.98 | 203.43 |

Point 29

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1471.00 | 1.00 | 67.79 | -300.34 | -6668.31 | 19.20 | -85.08 | 87.22 |
| 5173:SLU STR (Min)(Fx) | 1471.00 | 1.00 | -71.75 | 301.09 | -4697.10 | -20.33 | 85.29 | 87.68 |
| 5172:SLU STR (Max)(Fy) | 1471.00 | 1.00 | -40.40 | 503.30 | -6723.60 | -11.44 | 142.58 | 143.04 |
| 5173:SLU STR (Min)(Fy) | 1471.00 | 1.00 | 32.26 | -502.26 | -4486.36 | 9.14 | -142.28 | 142.58 |
| 5172:SLU STR (Max)(Fz) | 1471.00 | 1.00 | 33.14 | 299.64 | -3090.77 | 9.39 | 84.88 | 85.40 |
| 5173:SLU STR (Min)(Fz) | 1471.00 | 1.00 | -40.67 | -297.89 | -9133.55 | -11.52 | -84.39 | 85.17 |
| 5174:SLE RARA (Max)(Fx) | 1471.00 | 1.00 | 44.95 | -200.20 | -4926.00 | 12.73 | -56.71 | 58.12 |
| 5175:SLE RARA (Min)(Fx) | 1471.00 | 1.00 | -50.31 | 200.75 | -4510.57 | -14.25 | 56.87 | 58.63 |
| 5174:SLE RARA (Max)(Fy) | 1471.00 | 1.00 | -28.37 | 335.69 | -5024.73 | -8.04 | 95.10 | 95.44 |
| 5175:SLE RARA (Min)(Fy) | 1471.00 | 1.00 | 20.29 | -334.92 | -4296.64 | 5.75 | -94.88 | 95.05 |
| 5174:SLE RARA (Max)(Fz) | 1471.00 | 1.00 | 21.00 | 199.68 | -3312.86 | 5.95 | 56.57 | 56.88 |
| 5175:SLE RARA (Min)(Fz) | 1471.00 | 1.00 | -28.63 | -198.38 | -6759.89 | -8.11 | -56.20 | 56.78 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1471.00 | 1.00 | 23.60 | 0.28 | -4759.88 | 6.69 | 0.08 | 6.69 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1471.00 | 1.00 | -33.12 | 0.28 | -4677.19 | -9.38 | 0.08 | 9.38 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1471.00 | 1.00 | -24.92 | 66.83 | -3991.08 | -7.06 | 18.93 | 20.20 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1471.00 | 1.00 | 15.62 | -66.82 | -3858.69 | 4.42 | -18.93 | 19.44 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1471.00 | 1.00 | 16.50 | -0.37 | -3642.06 | 4.68 | -0.11 | 4.68 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1471.00 | 1.00 | -25.17 | 1.33 | -5354.68 | -7.13 | 0.38 | 7.14 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1471.00 | 1.00 | 15.57 | 0.00 | -3922.66 | 4.41 | 0.00 | 4.41 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1471.00 | 1.00 | -26.78 | 0.00 | -3885.10 | -7.58 | 0.00 | 7.58 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1471.00 | 1.00 | -24.88 | 0.00 | -3927.43 | -7.05 | 0.00 | 7.05 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1471.00 | 1.00 | 15.56 | 0.00 | -3802.44 | 4.41 | 0.00 | 4.41 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1471.00 | 1.00 | 15.57 | 0.00 | -3922.66 | 4.41 | 0.00 | 4.41 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1471.00 | 1.00 | -24.86 | 0.00 | -4047.32 | -7.04 | 0.00 | 7.04 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1471.00 | 1.00 | 538.53 | 180.20 | -3579.36 | 152.56 | 51.05 | 160.87 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1471.00 | 1.00 | -547.84 | -180.19 | -4270.41 | -155.20 | -51.05 | 163.37 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1471.00 | 1.00 | 132.88 | 600.84 | -3367.74 | 37.64 | 170.21 | 174.32 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1471.00 | 1.00 | -142.19 | -600.83 | -4482.02 | -40.28 | -170.21 | 174.91 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1471.00 | 1.00 | 173.30 | 600.84 | -3122.86 | 49.09 | 170.21 | 177.15 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1471.00 | 1.00 | -182.61 | -600.83 | -4726.90 | -51.73 | -170.21 | 177.89 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1471.00 | 1.00 | 638.95 | 214.84 | -3461.56 | 181.00 | 60.86 | 190.96 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1471.00 | 1.00 | -648.25 | -214.84 | -4388.20 | -183.64 | -60.86 | 193.46 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1471.00 | 1.00 | 163.27 | 716.38 | -3193.20 | 46.25 | 202.94 | 208.14 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1471.00 | 1.00 | -172.57 | -716.37 | -4656.57 | -48.89 | -202.94 | 208.74 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1471.00 | 1.00 | 203.69 | 716.38 | -2948.32 | 57.70 | 202.94 | 210.98 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1471.00 | 1.00 | -212.99 | -716.37 | -4901.45 | -60.34 | -202.94 | 211.72 |

Point 30

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1472.00 | 1.00 | 67.79 | 300.34 | -6668.60 | 19.20 | 85.08 | 87.22 |
| 5173:SLU STR (Min)(Fx) | 1472.00 | 1.00 | -71.75 | -301.08 | -4697.31 | -20.33 | -85.29 | 87.68 |
| 5172:SLU STR (Max)(Fy) | 1472.00 | 1.00 | 32.26 | 502.27 | -5860.48 | 9.14 | 142.29 | 142.58 |
| 5173:SLU STR (Min)(Fy) | 1472.00 | 1.00 | -40.40 | -503.30 | -5349.97 | -11.45 | -142.58 | 143.04 |
| 5172:SLU STR (Max)(Fz) | 1472.00 | 1.00 | 33.14 | -299.63 | -3090.98 | 9.39 | -84.88 | 85.40 |
| 5173:SLU STR (Min)(Fz) | 1472.00 | 1.00 | -40.67 | 297.89 | -9133.84 | -11.52 | 84.39 | 85.17 |
| 5174:SLE RARA (Max)(Fx) | 1472.00 | 1.00 | 44.95 | 200.20 | -4926.21 | 12.73 | 56.71 | 58.13 |
| 5175:SLE RARA (Min)(Fx) | 1472.00 | 1.00 | -50.31 | -200.75 | -4510.78 | -14.25 | -56.87 | 58.63 |
| 5174:SLE RARA (Max)(Fy) | 1472.00 | 1.00 | 20.29 | 334.93 | -4296.85 | 5.75 | 94.88 | 95.05 |
| 5175:SLE RARA (Min)(Fy) | 1472.00 | 1.00 | -28.37 | -335.69 | -5024.94 | -8.04 | -95.10 | 95.43 |
| 5174:SLE RARA (Max)(Fz) | 1472.00 | 1.00 | 21.00 | -199.68 | -3313.07 | 5.95 | -56.57 | 56.88 |
| 5175:SLE RARA (Min)(Fz) | 1472.00 | 1.00 | -28.63 | 198.39 | -6760.10 | -8.11 | 56.20 | 56.78 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1472.00 | 1.00 | 23.60 | -0.27 | -4760.09 | 6.69 | -0.08 | 6.69 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1472.00 | 1.00 | -33.12 | -0.27 | -4677.40 | -9.38 | -0.08 | 9.38 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1472.00 | 1.00 | 15.62 | 66.83 | -3858.90 | 4.42 | 18.93 | 19.44 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1472.00 | 1.00 | -24.92 | -66.82 | -3991.29 | -7.06 | -18.93 | 20.20 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1472.00 | 1.00 | 16.50 | 0.37 | -3642.27 | 4.68 | 0.11 | 4.68 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1472.00 | 1.00 | -25.18 | -1.33 | -5354.89 | -7.13 | -0.38 | 7.14 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1472.00 | 1.00 | 15.57 | 0.00 | -3922.88 | 4.41 | 0.00 | 4.41 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1472.00 | 1.00 | -26.78 | 0.00 | -3885.31 | -7.59 | 0.00 | 7.59 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1472.00 | 1.00 | 15.57 | 0.00 | -3922.88 | 4.41 | 0.00 | 4.41 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1472.00 | 1.00 | -24.86 | 0.00 | -4047.53 | -7.04 | 0.00 | 7.04 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1472.00 | 1.00 | 15.57 | 0.00 | -3922.88 | 4.41 | 0.00 | 4.41 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1472.00 | 1.00 | -24.86 | 0.00 | -4047.53 | -7.04 | 0.00 | 7.04 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1472.00 | 1.00 | 538.53 | 180.20 | -3579.56 | 152.56 | 51.05 | 160.87 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1472.00 | 1.00 | -547.84 | -180.19 | -4270.62 | -155.20 | -51.05 | 163.37 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1472.00 | 1.00 | 173.30 | 600.84 | -3123.06 | 49.09 | 170.21 | 177.15 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1472.00 | 1.00 | -182.61 | -600.83 | -4727.13 | -51.73 | -170.21 | 177.89 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1472.00 | 1.00 | 173.30 | 600.84 | -3123.06 | 49.09 | 170.21 | 177.15 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1472.00 | 1.00 | -182.61 | -600.83 | -4727.13 | -51.73 | -170.21 | 177.89 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1472.00 | 1.00 | 638.95 | 214.84 | -3461.77 | 181.00 | 60.86 | 190.96 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1472.00 | 1.00 | -648.25 | -214.84 | -4388.42 | -183.64 | -60.86 | 193.46 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1472.00 | 1.00 | 203.69 | 716.38 | -2948.51 | 57.70 | 202.94 | 210.98 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1472.00 | 1.00 | -212.99 | -716.38 | -4901.67 | -60.34 | -202.94 | 211.72 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1472.00 | 1.00 | 203.69 | 716.38 | -2948.51 | 57.70 | 202.94 | 210.98 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1472.00 | 1.00 | -212.99 | -716.38 | -4901.67 | -60.34 | -202.94 | 211.72 |

Point 31

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1473.00 | 1.00 | 180.31 | -292.60 | -6549.30 | 51.08 | -82.89 | 97.36 |
| 5173:SLU STR (Min)(Fx) | 1473.00 | 1.00 | -191.31 | 293.18 | -4476.35 | -54.19 | 83.05 | 99.17 |
| 5172:SLU STR (Max)(Fy) | 1473.00 | 1.00 | -116.19 | 490.45 | -5345.99 | -32.92 | 138.94 | 142.78 |
| 5173:SLU STR (Min)(Fy) | 1473.00 | 1.00 | 90.10 | -489.42 | -5835.76 | 25.52 | -138.65 | 140.98 |
| 5172:SLU STR (Max)(Fz) | 1473.00 | 1.00 | 85.55 | 291.95 | -3095.84 | 24.24 | 82.71 | 86.18 |
| 5173:SLU STR (Min)(Fz) | 1473.00 | 1.00 | -113.16 | -290.15 | -9099.91 | -32.06 | -82.20 | 88.23 |
| 5174:SLE RARA (Max)(Fx) | 1473.00 | 1.00 | 117.26 | -195.04 | -4830.95 | 33.22 | -55.25 | 64.47 |
| 5175:SLE RARA (Min)(Fx) | 1473.00 | 1.00 | -132.72 | 195.46 | -4351.15 | -37.60 | 55.37 | 66.93 |
| 5174:SLE RARA (Max)(Fy) | 1473.00 | 1.00 | -81.38 | 327.13 | -5017.57 | -23.05 | 92.67 | 95.49 |
| 5175:SLE RARA (Min)(Fy) | 1473.00 | 1.00 | 55.85 | -326.36 | -4280.16 | 15.82 | -92.45 | 93.80 |
| 5174:SLE RARA (Max)(Fz) | 1473.00 | 1.00 | 52.68 | 194.56 | -3313.28 | 14.92 | 55.12 | 57.10 |
| 5175:SLE RARA (Min)(Fz) | 1473.00 | 1.00 | -79.33 | -193.22 | -6735.57 | -22.47 | -54.74 | 59.17 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1473.00 | 1.00 | 59.17 | 0.00 | -3879.94 | 16.76 | 0.00 | 16.76 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1473.00 | 1.00 | -84.95 | 0.00 | -3951.03 | -24.06 | 0.00 | 24.06 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1473.00 | 1.00 | -70.64 | 65.11 | -3982.68 | -20.01 | 18.44 | 27.21 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1473.00 | 1.00 | 42.36 | -65.11 | -3848.29 | 12.00 | -18.45 | 22.01 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1473.00 | 1.00 | 41.07 | -0.36 | -3635.84 | 11.63 | -0.10 | 11.63 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1473.00 | 1.00 | -70.02 | 1.34 | -5340.55 | -19.84 | 0.38 | 19.84 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1473.00 | 1.00 | 44.55 | 0.00 | -3910.93 | 12.62 | 0.00 | 12.62 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1473.00 | 1.00 | -74.70 | 0.00 | -3950.28 | -21.16 | 0.00 | 21.16 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1473.00 | 1.00 | -70.45 | 0.00 | -3918.44 | -19.96 | 0.00 | 19.96 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1473.00 | 1.00 | 42.16 | 0.00 | -3793.33 | 11.94 | 0.00 | 11.94 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1473.00 | 1.00 | 42.20 | 0.00 | -3910.81 | 11.96 | 0.00 | 11.96 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1473.00 | 1.00 | -70.44 | 0.00 | -4037.65 | -19.95 | 0.00 | 19.95 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1473.00 | 1.00 | 575.56 | 168.07 | -3553.48 | 163.05 | 47.61 | 169.86 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1473.00 | 1.00 | -603.83 | -168.08 | -4277.49 | -171.06 | -47.61 | 177.56 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1473.00 | 1.00 | 94.12 | 560.45 | -3436.64 | 26.66 | 158.77 | 160.99 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1473.00 | 1.00 | -122.40 | -560.45 | -4394.34 | -34.67 | -158.77 | 162.51 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1473.00 | 1.00 | 206.72 | 560.45 | -3192.32 | 58.56 | 158.77 | 169.22 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1473.00 | 1.00 | -234.99 | -560.45 | -4638.66 | -66.57 | -158.77 | 172.16 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1473.00 | 1.00 | 678.74 | 200.39 | -3455.69 | 192.28 | 56.77 | 200.48 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1473.00 | 1.00 | -707.01 | -200.39 | -4375.29 | -200.29 | -56.77 | 208.18 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1473.00 | 1.00 | 126.21 | 668.23 | -3285.98 | 35.75 | 189.30 | 192.65 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1473.00 | 1.00 | -154.49 | -668.23 | -4545.00 | -43.76 | -189.30 | 194.29 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1473.00 | 1.00 | 238.81 | 668.23 | -3041.67 | 67.65 | 189.30 | 201.03 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1473.00 | 1.00 | -267.08 | -668.23 | -4789.31 | -75.66 | -189.30 | 203.86 |

Point 32

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1474.00 | 1.00 | 180.31 | 292.60 | -6548.20 | 51.08 | 82.89 | 97.36 |
| 5173:SLU STR (Min)(Fx) | 1474.00 | 1.00 | -191.30 | -293.18 | -4475.54 | -54.19 | -83.05 | 99.17 |
| 5172:SLU STR (Max)(Fy) | 1474.00 | 1.00 | 90.07 | 489.42 | -4466.28 | 25.52 | 138.65 | 140.97 |
| 5173:SLU STR (Min)(Fy) | 1474.00 | 1.00 | -116.16 | -490.46 | -6713.57 | -32.91 | -138.94 | 142.78 |
| 5172:SLU STR (Max)(Fz) | 1474.00 | 1.00 | 85.56 | -291.96 | -3095.03 | 24.24 | -82.71 | 86.18 |
| 5173:SLU STR (Min)(Fz) | 1474.00 | 1.00 | -113.16 | 290.15 | -9098.82 | -32.06 | 82.19 | 88.22 |
| 5174:SLE RARA (Max)(Fx) | 1474.00 | 1.00 | 117.26 | 195.04 | -4830.14 | 33.22 | 55.25 | 64.47 |
| 5175:SLE RARA (Min)(Fx) | 1474.00 | 1.00 | -132.71 | -195.47 | -4350.34 | -37.60 | -55.37 | 66.93 |
| 5174:SLE RARA (Max)(Fy) | 1474.00 | 1.00 | 55.85 | 326.36 | -4279.35 | 15.82 | 92.45 | 93.80 |
| 5175:SLE RARA (Min)(Fy) | 1474.00 | 1.00 | -81.37 | -327.13 | -5016.76 | -23.05 | -92.67 | 95.50 |
| 5174:SLE RARA (Max)(Fz) | 1474.00 | 1.00 | 52.69 | -194.56 | -3312.47 | 14.93 | -55.12 | 57.10 |
| 5175:SLE RARA (Min)(Fz) | 1474.00 | 1.00 | -79.33 | 193.22 | -6734.75 | -22.47 | 54.74 | 59.17 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1474.00 | 1.00 | 59.18 | 0.00 | -3879.13 | 16.76 | 0.00 | 16.76 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1474.00 | 1.00 | -84.94 | 0.00 | -3950.22 | -24.06 | 0.00 | 24.06 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1474.00 | 1.00 | 42.36 | 65.11 | -3847.48 | 12.00 | 18.44 | 22.01 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1474.00 | 1.00 | -70.63 | -65.11 | -3981.87 | -20.01 | -18.45 | 27.21 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1474.00 | 1.00 | 41.07 | 0.36 | -3635.03 | 11.63 | 0.10 | 11.63 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1474.00 | 1.00 | -70.02 | -1.34 | -5339.74 | -19.84 | -0.38 | 19.84 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1474.00 | 1.00 | 44.55 | 0.00 | -3910.12 | 12.62 | 0.00 | 12.62 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1474.00 | 1.00 | -74.69 | 0.00 | -3949.47 | -21.16 | 0.00 | 21.16 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1474.00 | 1.00 | 42.21 | 0.00 | -3910.00 | 11.96 | 0.00 | 11.96 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1474.00 | 1.00 | -70.43 | 0.00 | -4036.84 | -19.95 | 0.00 | 19.95 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1474.00 | 1.00 | 42.21 | 0.00 | -3910.00 | 11.96 | 0.00 | 11.96 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1474.00 | 1.00 | -70.43 | 0.00 | -4036.84 | -19.95 | 0.00 | 19.95 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1474.00 | 1.00 | 575.56 | 168.07 | -3552.71 | 163.05 | 47.61 | 169.86 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1474.00 | 1.00 | -603.83 | -168.08 | -4276.65 | -171.06 | -47.61 | 177.56 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1474.00 | 1.00 | 206.72 | 560.45 | -3191.62 | 58.56 | 158.77 | 169.22 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1474.00 | 1.00 | -234.99 | -560.45 | -4637.74 | -66.57 | -158.77 | 172.16 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1474.00 | 1.00 | 206.72 | 560.45 | -3191.62 | 58.56 | 158.77 | 169.22 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1474.00 | 1.00 | -234.99 | -560.45 | -4637.74 | -66.57 | -158.77 | 172.16 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1474.00 | 1.00 | 678.74 | 200.39 | -3454.91 | 192.28 | 56.77 | 200.48 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1474.00 | 1.00 | -707.01 | -200.39 | -4374.45 | -200.29 | -56.77 | 208.18 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1474.00 | 1.00 | 238.81 | 668.23 | -3040.97 | 67.65 | 189.30 | 201.03 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1474.00 | 1.00 | -267.08 | -668.23 | -4788.38 | -75.66 | -189.30 | 203.86 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1474.00 | 1.00 | 238.81 | 668.23 | -3040.97 | 67.65 | 189.30 | 201.03 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1474.00 | 1.00 | -267.08 | -668.23 | -4788.38 | -75.66 | -189.30 | 203.86 |

Point 33

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1475.00 | 1.00 | 292.86 | -275.45 | -5180.14 | 82.96 | -78.03 | 113.89 |
| 5173:SLU STR (Min)(Fx) | 1475.00 | 1.00 | -311.57 | 276.02 | -5926.66 | -88.26 | 78.19 | 117.92 |
| 5172:SLU STR (Max)(Fy) | 1475.00 | 1.00 | -98.87 | 461.93 | -5407.70 | -28.01 | 130.86 | 133.82 |
| 5173:SLU STR (Min)(Fy) | 1475.00 | 1.00 | 30.34 | -460.92 | -5873.66 | 8.59 | -130.57 | 130.85 |
| 5172:SLU STR (Max)(Fz) | 1475.00 | 1.00 | 24.00 | 274.89 | -3199.10 | 6.80 | 77.87 | 78.17 |
| 5173:SLU STR (Min)(Fz) | 1475.00 | 1.00 | -94.44 | -272.93 | -9138.51 | -26.75 | -77.32 | 81.81 |
| 5174:SLE RARA (Max)(Fx) | 1475.00 | 1.00 | 189.50 | -183.60 | -4848.29 | 53.68 | -52.01 | 74.75 |
| 5175:SLE RARA (Min)(Fx) | 1475.00 | 1.00 | -215.59 | 184.02 | -4406.94 | -61.07 | 52.13 | 80.30 |
| 5174:SLE RARA (Max)(Fy) | 1475.00 | 1.00 | -72.83 | 308.11 | -5075.11 | -20.63 | 87.28 | 89.69 |
| 5175:SLE RARA (Min)(Fy) | 1475.00 | 1.00 | 13.50 | -307.36 | -4309.25 | 3.82 | -87.07 | 87.16 |
| 5174:SLE RARA (Max)(Fz) | 1475.00 | 1.00 | 9.07 | 183.19 | -3405.48 | 2.57 | 51.89 | 51.96 |
| 5175:SLE RARA (Min)(Fz) | 1475.00 | 1.00 | -69.81 | -181.74 | -6761.28 | -19.78 | -51.48 | 55.15 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1475.00 | 1.00 | 96.78 | -0.01 | -3916.39 | 27.42 | 0.00 | 27.42 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1475.00 | 1.00 | -139.84 | -0.01 | -4003.11 | -39.62 | 0.00 | 39.62 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1475.00 | 1.00 | -65.61 | 61.29 | -4033.90 | -18.58 | 17.36 | 25.43 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1475.00 | 1.00 | 4.77 | -61.31 | -3885.91 | 1.35 | -17.37 | 17.42 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1475.00 | 1.00 | 3.26 | -0.35 | -3693.89 | 0.92 | -0.10 | 0.93 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1475.00 | 1.00 | -65.02 | 1.36 | -5382.48 | -18.42 | 0.39 | 18.42 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1475.00 | 1.00 | 73.66 | -0.01 | -3949.42 | 20.87 | 0.00 | 20.87 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1475.00 | 1.00 | -122.71 | -0.01 | -4001.06 | -34.76 | 0.00 | 34.76 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1475.00 | 1.00 | -65.45 | -0.01 | -3973.62 | -18.54 | 0.00 | 18.54 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1475.00 | 1.00 | 4.40 | -0.01 | -3833.48 | 1.25 | 0.00 | 1.25 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1475.00 | 1.00 | 4.50 | -0.01 | -3948.32 | 1.27 | 0.00 | 1.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1475.00 | 1.00 | -65.24 | -0.01 | -4086.33 | -18.48 | 0.00 | 18.48 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1475.00 | 1.00 | 619.33 | 143.95 | -3633.04 | 175.45 | 40.78 | 180.13 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1475.00 | 1.00 | -666.58 | -143.97 | -4286.90 | -188.83 | -40.79 | 193.19 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1475.00 | 1.00 | 106.86 | 480.08 | -3561.85 | 30.27 | 136.00 | 139.33 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1475.00 | 1.00 | -167.70 | -480.11 | -4357.95 | -47.51 | -136.01 | 144.07 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1475.00 | 1.00 | 176.51 | 480.08 | -3309.01 | 50.00 | 136.00 | 144.90 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1475.00 | 1.00 | -237.35 | -480.11 | -4610.80 | -67.24 | -136.01 | 151.72 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1475.00 | 1.00 | 727.73 | 171.63 | -3547.07 | 206.16 | 48.62 | 211.81 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1475.00 | 1.00 | -774.98 | -171.65 | -4372.86 | -219.54 | -48.63 | 224.86 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1475.00 | 1.00 | 141.14 | 572.42 | -3430.30 | 39.98 | 162.16 | 167.02 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1475.00 | 1.00 | -201.98 | -572.45 | -4489.51 | -57.22 | -162.17 | 171.96 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1475.00 | 1.00 | 210.78 | 572.42 | -3177.45 | 59.71 | 162.16 | 172.80 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1475.00 | 1.00 | -271.62 | -572.45 | -4742.36 | -76.95 | -162.17 | 179.49 |

Point 34

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1476.00 | 1.00 | 292.85 | 275.42 | -5183.29 | 82.96 | 78.02 | 113.89 |
| 5173:SLU STR (Min)(Fx) | 1476.00 | 1.00 | -311.58 | -276.05 | -5930.90 | -88.27 | -78.20 | 117.93 |
| 5172:SLU STR (Max)(Fy) | 1476.00 | 1.00 | 30.41 | 460.89 | -4485.24 | 8.61 | 130.56 | 130.85 |
| 5173:SLU STR (Min)(Fy) | 1476.00 | 1.00 | -98.96 | -461.95 | -6803.50 | -28.03 | -130.86 | 133.83 |
| 5172:SLU STR (Max)(Fz) | 1476.00 | 1.00 | 23.99 | -274.92 | -3202.24 | 6.80 | -77.88 | 78.18 |
| 5173:SLU STR (Min)(Fz) | 1476.00 | 1.00 | -94.45 | 272.90 | -9142.75 | -26.76 | 77.31 | 81.81 |
| 5174:SLE RARA (Max)(Fx) | 1476.00 | 1.00 | 189.49 | 183.58 | -4851.43 | 53.68 | 52.01 | 74.74 |
| 5175:SLE RARA (Min)(Fx) | 1476.00 | 1.00 | -215.60 | -184.05 | -4410.08 | -61.08 | -52.14 | 80.30 |
| 5174:SLE RARA (Max)(Fy) | 1476.00 | 1.00 | 13.49 | 307.34 | -4312.39 | 3.82 | 87.07 | 87.15 |
| 5175:SLE RARA (Min)(Fy) | 1476.00 | 1.00 | -72.84 | -308.13 | -5078.25 | -20.63 | -87.29 | 89.69 |
| 5174:SLE RARA (Max)(Fz) | 1476.00 | 1.00 | 9.06 | -183.21 | -3408.62 | 2.57 | -51.90 | 51.96 |
| 5175:SLE RARA (Min)(Fz) | 1476.00 | 1.00 | -69.82 | 181.71 | -6764.43 | -19.78 | 51.48 | 55.15 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1476.00 | 1.00 | 96.78 | -0.01 | -3919.53 | 27.42 | 0.00 | 27.42 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1476.00 | 1.00 | -139.85 | -0.01 | -4006.26 | -39.62 | 0.00 | 39.62 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1476.00 | 1.00 | 4.76 | 61.29 | -3889.05 | 1.35 | 17.36 | 17.42 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1476.00 | 1.00 | -65.61 | -61.31 | -4037.05 | -18.59 | -17.37 | 25.44 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1476.00 | 1.00 | 3.25 | 0.33 | -3697.03 | 0.92 | 0.09 | 0.93 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1476.00 | 1.00 | -65.03 | -1.38 | -5385.62 | -18.42 | -0.39 | 18.43 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1476.00 | 1.00 | 73.65 | -0.01 | -3952.57 | 20.86 | 0.00 | 20.86 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1476.00 | 1.00 | -122.72 | -0.01 | -4004.21 | -34.77 | 0.00 | 34.77 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1476.00 | 1.00 | 4.49 | -0.01 | -3951.46 | 1.27 | 0.00 | 1.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1476.00 | 1.00 | -65.25 | -0.01 | -4089.47 | -18.48 | 0.00 | 18.48 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1476.00 | 1.00 | 4.49 | -0.01 | -3951.46 | 1.27 | 0.00 | 1.27 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1476.00 | 1.00 | -65.25 | -0.01 | -4089.47 | -18.48 | 0.00 | 18.48 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1476.00 | 1.00 | 619.32 | 143.95 | -3636.21 | 175.45 | 40.78 | 180.12 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1476.00 | 1.00 | -666.59 | -143.97 | -4290.01 | -188.84 | -40.79 | 193.19 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1476.00 | 1.00 | 176.50 | 480.08 | -3312.24 | 50.00 | 136.00 | 144.90 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1476.00 | 1.00 | -237.36 | -480.11 | -4613.85 | -67.24 | -136.01 | 151.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1476.00 | 1.00 | 176.50 | 480.08 | -3312.24 | 50.00 | 136.00 | 144.90 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1476.00 | 1.00 | -237.36 | -480.11 | -4613.85 | -67.24 | -136.01 | 151.72 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1476.00 | 1.00 | 727.72 | 171.63 | -3550.25 | 206.15 | 48.62 | 211.81 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1476.00 | 1.00 | -774.99 | -171.65 | -4375.97 | -219.54 | -48.63 | 224.86 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1476.00 | 1.00 | 210.77 | 572.42 | -3180.70 | 59.71 | 162.16 | 172.80 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1476.00 | 1.00 | -271.63 | -572.45 | -4745.40 | -76.95 | -162.17 | 179.50 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1476.00 | 1.00 | 210.77 | 572.42 | -3180.70 | 59.71 | 162.16 | 172.80 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1476.00 | 1.00 | -271.63 | -572.45 | -4745.40 | -76.95 | -162.17 | 179.50 |

Point 35

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1477.00 | 1.00 | 406.19 | -247.99 | -6515.30 | 115.07 | -70.25 | 134.82 |
| 5173:SLU STR (Min)(Fx) | 1477.00 | 1.00 | -428.21 | 248.13 | -4184.20 | -121.31 | 70.29 | 140.20 |
| 5172:SLU STR (Max)(Fy) | 1477.00 | 1.00 | 33.20 | 415.95 | -5554.09 | 9.41 | 117.83 | 118.21 |
| 5173:SLU STR (Min)(Fy) | 1477.00 | 1.00 | -132.09 | -415.22 | -5798.57 | -37.42 | -117.62 | 123.43 |
| 5172:SLU STR (Max)(Fz) | 1477.00 | 1.00 | -139.82 | 413.65 | -3234.89 | -39.61 | 117.18 | 123.70 |
| 5173:SLU STR (Min)(Fz) | 1477.00 | 1.00 | 43.11 | -245.64 | -9182.44 | 12.21 | -69.59 | 70.65 |
| 5174:SLE RARA (Max)(Fx) | 1477.00 | 1.00 | 262.14 | -165.30 | -4836.75 | 74.26 | -46.83 | 87.79 |
| 5175:SLE RARA (Min)(Fx) | 1477.00 | 1.00 | -295.54 | 165.40 | -4114.79 | -83.72 | 46.86 | 95.94 |
| 5174:SLE RARA (Max)(Fy) | 1477.00 | 1.00 | 12.86 | 277.45 | -5152.78 | 3.64 | 78.60 | 78.68 |
| 5175:SLE RARA (Min)(Fy) | 1477.00 | 1.00 | -98.04 | -276.90 | -4283.18 | -27.77 | -78.44 | 83.21 |
| 5174:SLE RARA (Max)(Fz) | 1477.00 | 1.00 | -103.05 | 165.17 | -3428.09 | -29.19 | 46.79 | 55.15 |
| 5175:SLE RARA (Min)(Fz) | 1477.00 | 1.00 | 19.48 | -163.56 | -6798.49 | 5.52 | -46.33 | 46.66 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1477.00 | 1.00 | 134.91 | 0.00 | -3919.58 | 38.22 | 0.00 | 38.22 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1477.00 | 1.00 | -195.33 | 0.00 | -4066.94 | -55.33 | 0.00 | 55.33 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1477.00 | 1.00 | 4.70 | 55.19 | -4126.32 | 1.33 | 15.64 | 15.69 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1477.00 | 1.00 | -90.09 | -55.20 | -3861.36 | -25.52 | -15.64 | 29.93 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1477.00 | 1.00 | -92.06 | -0.24 | -3689.30 | -26.08 | -0.07 | 26.08 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1477.00 | 1.00 | 6.14 | 1.33 | -5465.97 | 1.74 | 0.38 | 1.78 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1477.00 | 1.00 | 103.22 | 0.00 | -3932.74 | 29.24 | 0.00 | 29.24 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1477.00 | 1.00 | -171.20 | 0.00 | -4053.55 | -48.50 | 0.00 | 48.50 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1477.00 | 1.00 | 4.89 | 0.00 | -4080.22 | 1.38 | 0.00 | 1.38 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1477.00 | 1.00 | -90.61 | 0.00 | -3813.91 | -25.67 | 0.00 | 25.67 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1477.00 | 1.00 | -90.63 | 0.00 | -3907.34 | -25.67 | 0.00 | 25.67 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1477.00 | 1.00 | 5.22 | 0.00 | -4173.77 | 1.48 | 0.00 | 1.48 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1477.00 | 1.00 | 669.60 | 116.24 | -3556.62 | 189.69 | 32.93 | 192.52 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1477.00 | 1.00 | -735.87 | -116.25 | -4427.53 | -208.46 | -32.93 | 211.05 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1477.00 | 1.00 | 185.20 | 387.70 | -3611.61 | 52.46 | 109.83 | 121.72 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1477.00 | 1.00 | -270.59 | -387.70 | -4376.07 | -76.66 | -109.83 | 133.94 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1477.00 | 1.00 | 89.37 | 387.70 | -3251.75 | 25.32 | 109.83 | 112.71 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1477.00 | 1.00 | -174.77 | -387.70 | -4735.93 | -49.51 | -109.83 | 120.47 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1477.00 | 1.00 | 785.39 | 138.59 | -3434.69 | 222.49 | 39.26 | 225.93 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1477.00 | 1.00 | -851.66 | -138.59 | -4549.46 | -241.26 | -39.26 | 244.44 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1477.00 | 1.00 | 222.04 | 462.26 | -3453.69 | 62.90 | 130.95 | 145.28 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1477.00 | 1.00 | -307.43 | -462.27 | -4534.00 | -87.09 | -130.95 | 157.27 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1477.00 | 1.00 | 126.21 | 462.26 | -3093.83 | 35.75 | 130.95 | 135.75 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1477.00 | 1.00 | -211.61 | -462.27 | -4893.86 | -59.94 | -130.95 | 144.02 |

Point 36

kh 3530000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1478.00 | 1.00 | 406.26 | 247.98 | -6475.25 | 115.09 | 70.25 | 134.83 |
| 5173:SLU STR (Min)(Fx) | 1478.00 | 1.00 | -428.16 | -248.14 | -4154.53 | -121.29 | -70.29 | 140.19 |
| 5172:SLU STR (Max)(Fy) | 1478.00 | 1.00 | -132.37 | 415.21 | -4419.19 | -37.50 | 117.62 | 123.46 |
| 5173:SLU STR (Min)(Fy) | 1478.00 | 1.00 | 33.62 | -415.96 | -6863.75 | 9.52 | -117.83 | 118.22 |
| 5172:SLU STR (Max)(Fz) | 1478.00 | 1.00 | -139.77 | -413.66 | -3205.22 | -39.59 | -117.18 | 123.69 |
| 5173:SLU STR (Min)(Fz) | 1478.00 | 1.00 | 43.18 | 245.63 | -9142.39 | 12.23 | 69.58 | 70.65 |
| 5174:SLE RARA (Max)(Fx) | 1478.00 | 1.00 | 262.20 | 165.29 | -4807.09 | 74.28 | 46.83 | 87.80 |
| 5175:SLE RARA (Min)(Fx) | 1478.00 | 1.00 | -295.49 | -165.41 | -4085.13 | -83.71 | -46.86 | 95.93 |
| 5174:SLE RARA (Max)(Fy) | 1478.00 | 1.00 | -97.98 | 276.90 | -4253.51 | -27.76 | 78.44 | 83.21 |
| 5175:SLE RARA (Min)(Fy) | 1478.00 | 1.00 | 12.91 | -277.45 | -5123.11 | 3.66 | -78.60 | 78.68 |
| 5174:SLE RARA (Max)(Fz) | 1478.00 | 1.00 | -102.99 | -165.18 | -3398.43 | -29.18 | -46.79 | 55.14 |
| 5175:SLE RARA (Min)(Fz) | 1478.00 | 1.00 | 19.53 | 163.55 | -6768.82 | 5.53 | 46.33 | 46.66 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1478.00 | 1.00 | 134.97 | 0.00 | -3889.91 | 38.23 | 0.00 | 38.23 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1478.00 | 1.00 | -195.27 | 0.00 | -4037.27 | -55.32 | 0.00 | 55.32 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1478.00 | 1.00 | -90.04 | 55.19 | -3831.70 | -25.51 | 15.64 | 29.92 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1478.00 | 1.00 | 4.75 | -55.20 | -4096.65 | 1.35 | -15.64 | 15.70 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1478.00 | 1.00 | -92.01 | 0.23 | -3659.63 | -26.06 | 0.07 | 26.06 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1478.00 | 1.00 | 6.20 | -1.34 | -5436.30 | 1.76 | -0.38 | 1.80 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1478.00 | 1.00 | 103.27 | 0.00 | -3903.07 | 29.26 | 0.00 | 29.26 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1478.00 | 1.00 | -171.14 | 0.00 | -4023.88 | -48.48 | 0.00 | 48.48 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1478.00 | 1.00 | -90.58 | 0.00 | -3877.67 | -25.66 | 0.00 | 25.66 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1478.00 | 1.00 | 5.27 | 0.00 | -4144.10 | 1.49 | 0.00 | 1.49 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1478.00 | 1.00 | -90.58 | 0.00 | -3877.67 | -25.66 | 0.00 | 25.66 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1478.00 | 1.00 | 5.27 | 0.00 | -4144.10 | 1.49 | 0.00 | 1.49 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1478.00 | 1.00 | 669.65 | 116.24 | -3526.94 | 189.70 | 32.93 | 192.54 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1478.00 | 1.00 | -735.82 | -116.25 | -4397.87 | -208.45 | -32.93 | 211.03 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1478.00 | 1.00 | 89.42 | 387.70 | -3222.05 | 25.33 | 109.83 | 112.71 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1478.00 | 1.00 | -174.71 | -387.70 | -4706.30 | -49.49 | -109.83 | 120.47 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1478.00 | 1.00 | 89.42 | 387.70 | -3222.05 | 25.33 | 109.83 | 112.71 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1478.00 | 1.00 | -174.71 | -387.70 | -4706.30 | -49.49 | -109.83 | 120.47 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1478.00 | 1.00 | 785.44 | 138.59 | -3405.01 | 222.51 | 39.26 | 225.94 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1478.00 | 1.00 | -851.61 | -138.59 | -4519.80 | -241.25 | -39.26 | 244.42 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1478.00 | 1.00 | 126.26 | 462.26 | -3064.12 | 35.77 | 130.95 | 135.75 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1478.00 | 1.00 | -211.55 | -462.27 | -4864.23 | -59.93 | -130.95 | 144.02 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1478.00 | 1.00 | 126.26 | 462.26 | -3064.12 | 35.77 | 130.95 | 135.75 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1478.00 | 1.00 | -211.55 | -462.27 | -4864.23 | -59.93 | -130.95 | 144.02 |

Point 37

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1479.00 | 1.00 | 23.63 | -122.08 | -868.82 | 12.43 | -64.25 | 65.45 |
| 5173:SLU STR (Min)(Fx) | 1479.00 | 1.00 | -23.63 | 122.32 | -1714.95 | -12.43 | 64.38 | 65.57 |
| 5172:SLU STR (Max)(Fy) | 1479.00 | 1.00 | 11.81 | 204.67 | -1120.63 | 6.22 | 107.72 | 107.90 |
| 5173:SLU STR (Min)(Fy) | 1479.00 | 1.00 | -11.81 | -205.86 | -2621.10 | -6.22 | -108.35 | 108.53 |
| 5172:SLU STR (Max)(Fz) | 1479.00 | 1.00 | 23.63 | -121.45 | -390.02 | 12.43 | -63.92 | 65.12 |
| 5173:SLU STR (Min)(Fz) | 1479.00 | 1.00 | -23.63 | 119.95 | -3903.41 | -12.43 | 63.13 | 64.35 |
| 5174:SLE RARA (Max)(Fx) | 1479.00 | 1.00 | 17.50 | -81.37 | -928.37 | 9.21 | -42.83 | 43.80 |
| 5175:SLE RARA (Min)(Fx) | 1479.00 | 1.00 | -17.50 | 81.54 | -1266.49 | -9.21 | 42.92 | 43.89 |
| 5174:SLE RARA (Max)(Fy) | 1479.00 | 1.00 | 8.75 | 136.50 | -1119.51 | 4.61 | 71.84 | 71.99 |
| 5175:SLE RARA (Min)(Fy) | 1479.00 | 1.00 | -8.75 | -137.38 | -1932.28 | -4.61 | -72.31 | 72.45 |
| 5174:SLE RARA (Max)(Fz) | 1479.00 | 1.00 | 17.50 | -80.90 | -595.16 | 9.21 | -42.58 | 43.56 |
| 5175:SLE RARA (Min)(Fz) | 1479.00 | 1.00 | -17.50 | 79.79 | -2865.83 | -9.21 | 41.99 | 42.99 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1479.00 | 1.00 | 17.50 | -0.01 | -1075.18 | 9.21 | -0.01 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1479.00 | 1.00 | -17.50 | -0.01 | -1031.20 | -9.21 | -0.01 | 9.21 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1479.00 | 1.00 | 8.75 | 27.18 | -1039.18 | 4.61 | 14.31 | 15.03 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1479.00 | 1.00 | -8.75 | -27.21 | -1069.04 | -4.61 | -14.32 | 15.04 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1479.00 | 1.00 | 17.50 | 0.43 | -784.98 | 9.21 | 0.23 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1479.00 | 1.00 | -17.50 | -1.25 | -2172.09 | -9.21 | -0.66 | 9.23 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1479.00 | 1.00 | 17.50 | -0.01 | -1103.71 | 9.21 | -0.01 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1479.00 | 1.00 | -17.50 | -0.01 | -1042.40 | -9.21 | -0.01 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1479.00 | 1.00 | 8.75 | -0.01 | -1001.61 | 4.61 | -0.01 | 4.61 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1479.00 | 1.00 | -8.75 | -0.01 | -1090.67 | -4.61 | -0.01 | 4.61 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1479.00 | 1.00 | 17.50 | -0.01 | -973.95 | 9.21 | -0.01 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1479.00 | 1.00 | -17.50 | -0.01 | -1168.10 | -9.21 | -0.01 | 9.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1479.00 | 1.00 | 17.50 | 54.98 | -864.99 | 9.21 | 28.94 | 30.37 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1479.00 | 1.00 | -17.50 | -55.00 | -1243.22 | -9.21 | -28.95 | 30.38 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1479.00 | 1.00 | 8.75 | 183.37 | -724.46 | 4.61 | 96.51 | 96.62 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1479.00 | 1.00 | -8.75 | -183.40 | -1383.75 | -4.61 | -96.52 | 96.63 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1479.00 | 1.00 | 17.50 | 183.37 | -642.55 | 9.21 | 96.51 | 96.95 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1479.00 | 1.00 | -17.50 | -183.40 | -1461.61 | -9.21 | -96.52 | 96.96 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1479.00 | 1.00 | 17.50 | 65.55 | -801.51 | 9.21 | 34.50 | 35.71 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1479.00 | 1.00 | -17.50 | -65.57 | -1306.70 | -9.21 | -34.51 | 35.72 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1479.00 | 1.00 | 8.75 | 218.63 | -644.59 | 4.61 | 115.07 | 115.16 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1479.00 | 1.00 | -8.75 | -218.65 | -1463.62 | -4.61 | -115.08 | 115.17 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1479.00 | 1.00 | 17.50 | 218.63 | -562.53 | 9.21 | 115.07 | 115.44 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1479.00 | 1.00 | -17.50 | -218.65 | -1541.63 | -9.21 | -115.08 | 115.45 |

Point 38

kh 1900000.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1480.00 | 1.00 | 23.63 | 122.06 | -836.35 | 12.43 | 64.24 | 65.43 |
| 5173:SLU STR (Min)(Fx) | 1480.00 | 1.00 | -23.63 | -122.35 | -1671.12 | -12.43 | -64.39 | 65.58 |
| 5172:SLU STR (Max)(Fy) | 1480.00 | 1.00 | 11.81 | 205.84 | -2163.60 | 6.22 | 108.34 | 108.51 |
| 5173:SLU STR (Min)(Fy) | 1480.00 | 1.00 | -11.81 | -204.70 | -1501.84 | -6.22 | -107.73 | 107.91 |
| 5172:SLU STR (Max)(Fz) | 1480.00 | 1.00 | 23.63 | 121.43 | -357.55 | 12.43 | 63.91 | 65.11 |
| 5173:SLU STR (Min)(Fz) | 1480.00 | 1.00 | -23.63 | -119.98 | -3859.20 | -12.43 | -63.15 | 64.36 |
| 5174:SLE RARA (Max)(Fx) | 1480.00 | 1.00 | 17.50 | 81.35 | -895.90 | 9.21 | 42.81 | 43.79 |
| 5175:SLE RARA (Min)(Fx) | 1480.00 | 1.00 | -17.50 | -81.56 | -1234.02 | -9.21 | -42.93 | 43.90 |
| 5174:SLE RARA (Max)(Fy) | 1480.00 | 1.00 | 8.75 | 137.36 | -1886.78 | 4.61 | 72.30 | 72.44 |
| 5175:SLE RARA (Min)(Fy) | 1480.00 | 1.00 | -8.75 | -136.52 | -1100.08 | -4.61 | -71.85 | 72.00 |
| 5174:SLE RARA (Max)(Fz) | 1480.00 | 1.00 | 17.50 | 80.88 | -562.70 | 9.21 | 42.57 | 43.55 |
| 5175:SLE RARA (Min)(Fz) | 1480.00 | 1.00 | -17.50 | -79.81 | -2833.09 | -9.21 | -42.01 | 43.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1480.00 | 1.00 | 17.50 | -0.01 | -1042.71 | 9.21 | -0.01 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1480.00 | 1.00 | -17.50 | -0.01 | -998.73 | -9.21 | -0.01 | 9.21 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1480.00 | 1.00 | 8.75 | 27.18 | -1021.68 | 4.61 | 14.31 | 15.03 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1480.00 | 1.00 | -8.75 | -27.21 | -1021.60 | -4.61 | -14.32 | 15.04 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1480.00 | 1.00 | 17.50 | -0.45 | -752.51 | 9.21 | -0.24 | 9.21 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1480.00 | 1.00 | -17.50 | 1.23 | -2139.51 | -9.21 | 0.65 | 9.23 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1480.00 | 1.00 | 17.50 | -0.01 | -1071.25 | 9.21 | -0.01 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1480.00 | 1.00 | -17.50 | -0.01 | -1009.93 | -9.21 | -0.01 | 9.21 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1480.00 | 1.00 | 8.75 | -0.01 | -1081.21 | 4.61 | -0.01 | 4.61 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1480.00 | 1.00 | -8.75 | -0.01 | -999.96 | -4.61 | -0.01 | 4.61 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1480.00 | 1.00 | 17.50 | -0.01 | -941.49 | 9.21 | -0.01 | 9.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1480.00 | 1.00 | -17.50 | -0.01 | -1135.64 | -9.21 | -0.01 | 9.21 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1480.00 | 1.00 | 17.50 | 54.98 | -832.49 | 9.21 | 28.94 | 30.37 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1480.00 | 1.00 | -17.50 | -55.00 | -1210.79 | -9.21 | -28.95 | 30.38 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1480.00 | 1.00 | 8.75 | 183.37 | -750.12 | 4.61 | 96.51 | 96.62 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1480.00 | 1.00 | -8.75 | -183.40 | -1293.16 | -4.61 | -96.52 | 96.63 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1480.00 | 1.00 | 17.50 | 183.37 | -609.97 | 9.21 | 96.51 | 96.95 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1480.00 | 1.00 | -17.50 | -183.40 | -1429.26 | -9.21 | -96.52 | 96.96 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1480.00 | 1.00 | 17.50 | 65.55 | -769.01 | 9.21 | 34.50 | 35.71 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1480.00 | 1.00 | -17.50 | -65.57 | -1274.28 | -9.21 | -34.51 | 35.72 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1480.00 | 1.00 | 8.75 | 218.63 | -670.24 | 4.61 | 115.07 | 115.16 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1480.00 | 1.00 | -8.75 | -218.65 | -1373.04 | -4.61 | -115.08 | 115.17 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1480.00 | 1.00 | 17.50 | 218.63 | -529.93 | 9.21 | 115.07 | 115.44 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1480.00 | 1.00 | -17.50 | -218.65 | -1509.30 | -9.21 | -115.08 | 115.45 |

Point 39

GIUNTO

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|--------|--------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 137.15 | 65.51 | 151.99 |
| 5173:SLU STR (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -127.81 | -65.44 | 143.59 |
| 5172:SLU STR (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 18.20 | 109.52 | 111.02 |
| 5173:SLU STR (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 2.60 | -109.52 | 109.55 |
| 5172:SLU STR (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -33.14 | -65.51 | 73.41 |
| 5173:SLU STR (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 44.55 | 65.05 | 78.84 |
| 5174:SLE RARA (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 94.68 | 43.67 | 104.27 |
| 5175:SLE RARA (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -82.13 | -43.62 | 93.00 |
| 5174:SLE RARA (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 15.23 | 73.04 | 74.61 |
| 5175:SLE RARA (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 4.96 | -73.04 | 73.21 |
| 5174:SLE RARA (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -19.02 | -43.67 | 47.63 |
| 5175:SLE RARA (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 32.95 | 43.33 | 54.43 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 63.42 | 0.00 | 63.42 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -43.23 | 0.00 | 43.23 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 15.23 | 14.56 | 21.07 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 6.88 | -14.56 | 16.10 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -5.38 | 0.00 | 5.38 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 30.24 | -0.21 | 30.24 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 55.53 | 0.00 | 55.53 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -33.52 | 0.00 | 33.52 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 15.18 | 0.00 | 15.18 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 6.88 | 0.00 | 6.88 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -1.91 | 0.00 | 1.91 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 30.26 | 0.00 | 30.26 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 213.50 | 29.88 | 215.58 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -191.40 | -29.88 | 193.72 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 57.89 | 99.63 | 115.23 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -35.78 | -99.63 | 105.86 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 155.90 | 29.88 | 158.74 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -127.61 | -29.88 | 131.06 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 246.50 | 35.62 | 249.06 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -224.40 | -35.62 | 227.21 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 72.50 | 118.79 | 139.17 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -50.39 | -118.79 | 129.04 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | 188.90 | 35.62 | 192.23 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1481.00 | 1.00 | 0.00 | 0.00 | 0.00 | -160.61 | -35.62 | 164.52 |

Point 40

GIUNTO

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|--------|--------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 263.11 | -0.45 | 263.11 |
| 5173:SLU STR (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -243.83 | 0.41 | 243.83 |
| 5172:SLU STR (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 3.80 | 1.07 | 3.95 |
| 5173:SLU STR (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 37.36 | -1.07 | 37.38 |
| 5172:SLU STR (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -129.99 | 0.85 | 129.99 |
| 5173:SLU STR (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 170.93 | -0.40 | 170.93 |
| 5174:SLE RARA (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 181.71 | -0.30 | 181.71 |
| 5175:SLE RARA (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -156.50 | 0.27 | 156.50 |
| 5174:SLE RARA (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 8.69 | 0.74 | 8.72 |
| 5175:SLE RARA (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 31.10 | -0.74 | 31.11 |
| 5174:SLE RARA (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -80.47 | 0.60 | 80.47 |
| 5175:SLE RARA (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 120.10 | -0.26 | 120.10 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 121.75 | 0.00 | 121.75 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -81.94 | 0.00 | 81.94 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 12.34 | 0.24 | 12.34 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 31.11 | -0.24 | 31.11 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -61.87 | 0.19 | 61.87 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 105.26 | -0.02 | 105.26 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 106.63 | 0.00 | 106.63 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -63.32 | 0.00 | 63.32 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 12.31 | 0.00 | 12.31 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 31.11 | 0.00 | 31.11 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -61.84 | 0.00 | 61.84 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 105.34 | 0.00 | 105.34 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 324.32 | 37.76 | 326.51 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -280.86 | -37.76 | 283.39 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 77.61 | 125.85 | 147.86 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -34.16 | -125.85 | 130.40 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 155.66 | 37.76 | 160.18 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -112.20 | -37.76 | 118.38 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 368.37 | 45.02 | 371.11 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -324.91 | -45.02 | 328.01 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 90.30 | 150.08 | 175.15 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -46.85 | -150.08 | 157.22 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | 199.71 | 45.02 | 204.72 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1482.00 | 1.00 | 0.00 | 0.00 | 0.00 | -156.24 | -45.02 | 162.60 |

Point 41

GIUNTO

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|--------|--------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 144.75 | 65.21 | 158.76 |
| 5173:SLU STR (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -134.46 | -65.04 | 149.36 |
| 5172:SLU STR (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -71.80 | 109.28 | 130.76 |
| 5173:SLU STR (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 94.11 | -109.25 | 144.19 |
| 5172:SLU STR (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -34.12 | 65.43 | 73.80 |
| 5173:SLU STR (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 46.69 | -65.31 | 80.28 |
| 5174:SLE RARA (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 99.94 | 43.47 | 108.98 |
| 5175:SLE RARA (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -86.31 | -43.35 | 96.59 |
| 5174:SLE RARA (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -44.45 | 72.90 | 85.38 |
| 5175:SLE RARA (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 66.07 | -72.88 | 98.37 |
| 5174:SLE RARA (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -19.41 | 43.64 | 47.76 |
| 5175:SLE RARA (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 34.54 | -43.55 | 55.58 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 66.85 | 0.01 | 66.85 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -45.16 | 0.01 | 45.16 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -34.15 | 14.50 | 37.10 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 57.85 | -14.47 | 59.64 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -1.43 | 0.18 | 1.44 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 31.70 | -0.03 | 31.70 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 58.53 | 0.01 | 58.53 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -34.89 | 0.01 | 34.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -34.21 | 0.01 | 34.21 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 57.85 | 0.01 | 57.85 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -1.44 | 0.01 | 1.44 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 31.74 | 0.01 | 31.74 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 223.21 | 29.30 | 225.13 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -199.51 | -29.27 | 201.64 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 10.18 | 97.67 | 98.20 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 13.52 | -97.65 | 98.58 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 163.15 | 29.30 | 165.75 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -132.88 | -29.27 | 136.07 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 313.04 | 65.31 | 319.78 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -289.33 | -65.29 | 296.60 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 42.20 | 217.68 | 221.73 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -18.49 | -217.65 | 218.44 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | 197.62 | 65.31 | 208.13 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1483.00 | 1.00 | 0.00 | 0.00 | 0.00 | -167.35 | -65.29 | 179.64 |

Point 100

Guida UL

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 122.72 | -709.16 | 148.25 | 0.00 | 148.25 |
| 5173:SLU STR (Min)(Fx) | 1502.00 | 1.00 | 0.00 | -122.92 | -1481.82 | -150.54 | 0.00 | 150.54 |
| 5172:SLU STR (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 205.84 | -1734.26 | 3.37 | 0.00 | 3.37 |
| 5173:SLU STR (Min)(Fy) | 1502.00 | 1.00 | 0.00 | -205.53 | -1421.84 | 5.74 | 0.00 | 5.74 |
| 5172:SLU STR (Max)(Fz) | 1502.00 | 1.00 | 0.00 | 122.50 | -287.86 | 26.67 | 0.00 | 26.67 |
| 5173:SLU STR (Min)(Fz) | 1502.00 | 1.00 | 0.00 | -122.15 | -3300.10 | -6.58 | 0.00 | 6.58 |
| 5174:SLE RARA (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 81.79 | -766.85 | 101.94 | 0.00 | 101.94 |
| 5175:SLE RARA (Min)(Fx) | 1502.00 | 1.00 | 0.00 | -81.94 | -1093.88 | -99.14 | 0.00 | 99.14 |
| 5174:SLE RARA (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 137.29 | -1532.41 | 3.25 | 0.00 | 3.25 |
| 5175:SLE RARA (Min)(Fy) | 1502.00 | 1.00 | 0.00 | -137.07 | -1040.14 | 7.11 | 0.00 | 7.11 |
| 5174:SLE RARA (Max)(Fz) | 1502.00 | 1.00 | 0.00 | 81.63 | -476.28 | 18.96 | 0.00 | 18.96 |
| 5175:SLE RARA (Min)(Fz) | 1502.00 | 1.00 | 0.00 | -81.37 | -2418.96 | -1.26 | 0.00 | 1.26 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 0.00 | -911.80 | 69.16 | 0.00 | 69.16 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1502.00 | 1.00 | 0.00 | 0.00 | -861.39 | -58.70 | 0.00 | 58.70 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 27.33 | -898.63 | 2.91 | 0.00 | 2.91 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1502.00 | 1.00 | 0.00 | -27.33 | -893.39 | 9.67 | 0.00 | 9.67 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1502.00 | 1.00 | 0.00 | -0.19 | -652.03 | 15.38 | 0.00 | 15.38 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1502.00 | 1.00 | 0.00 | 0.42 | -1824.77 | 3.33 | 0.00 | 3.33 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 0.00 | -940.37 | 60.44 | 0.00 | 60.44 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1502.00 | 1.00 | 0.00 | 0.00 | -872.65 | -48.89 | 0.00 | 48.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 0.00 | -958.30 | 1.92 | 0.00 | 1.92 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1502.00 | 1.00 | 0.00 | 0.00 | -871.69 | 9.83 | 0.00 | 9.83 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1502.00 | 1.00 | 0.00 | 0.00 | -807.53 | 13.83 | 0.00 | 13.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1502.00 | 1.00 | 0.00 | 0.00 | -1001.48 | 3.87 | 0.00 | 3.87 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 56.06 | -716.44 | 220.78 | 0.00 | 220.78 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1502.00 | 1.00 | 0.00 | -56.06 | -1058.59 | -208.40 | 0.00 | 208.40 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 186.94 | -650.23 | 49.44 | 0.00 | 49.44 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1502.00 | 1.00 | 0.00 | -186.94 | -1141.78 | -36.86 | 0.00 | 36.86 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1502.00 | 1.00 | 0.00 | 186.94 | -499.08 | 66.06 | 0.00 | 66.06 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1502.00 | 1.00 | 0.00 | -186.94 | -1271.95 | -47.53 | 0.00 | 47.53 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1502.00 | 1.00 | 0.00 | 66.83 | -657.52 | 254.18 | 0.00 | 254.18 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1502.00 | 1.00 | 0.00 | -66.83 | -1117.51 | -241.79 | 0.00 | 241.79 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1502.00 | 1.00 | 0.00 | 222.89 | -575.15 | 64.90 | 0.00 | 64.90 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1502.00 | 1.00 | 0.00 | -222.89 | -1216.87 | -52.32 | 0.00 | 52.32 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1502.00 | 1.00 | 0.00 | 222.89 | -424.38 | 76.81 | 0.00 | 76.81 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1502.00 | 1.00 | 0.00 | -222.89 | -1346.65 | -58.28 | 0.00 | 58.28 |

Point 101

Guida UL

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1503.00 | 1.00 | 0.00 | -122.72 | -709.16 | 148.25 | 0.00 | 148.25 |
| 5173:SLU STR (Min)(Fx) | 1503.00 | 1.00 | 0.00 | 122.92 | -1481.82 | -150.54 | 0.00 | 150.54 |
| 5172:SLU STR (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 205.53 | -1023.64 | -3.32 | 0.00 | 3.32 |
| 5173:SLU STR (Min)(Fy) | 1503.00 | 1.00 | 0.00 | -205.84 | -2065.22 | 11.66 | 0.00 | 11.66 |
| 5172:SLU STR (Max)(Fz) | 1503.00 | 1.00 | 0.00 | -122.50 | -287.86 | 26.67 | 0.00 | 26.67 |
| 5173:SLU STR (Min)(Fz) | 1503.00 | 1.00 | 0.00 | 122.15 | -3300.10 | -6.58 | 0.00 | 6.58 |
| 5174:SLE RARA (Max)(Fx) | 1503.00 | 1.00 | 0.00 | -81.79 | -766.85 | 101.94 | 0.00 | 101.94 |
| 5175:SLE RARA (Min)(Fx) | 1503.00 | 1.00 | 0.00 | 81.94 | -1093.88 | -99.14 | 0.00 | 99.14 |
| 5174:SLE RARA (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 137.07 | -1010.18 | -1.47 | 0.00 | 1.47 |
| 5175:SLE RARA (Min)(Fy) | 1503.00 | 1.00 | 0.00 | -137.29 | -1517.54 | 11.32 | 0.00 | 11.32 |
| 5174:SLE RARA (Max)(Fz) | 1503.00 | 1.00 | 0.00 | -81.63 | -476.28 | 18.96 | 0.00 | 18.96 |
| 5175:SLE RARA (Min)(Fz) | 1503.00 | 1.00 | 0.00 | 81.37 | -2418.96 | -1.26 | 0.00 | 1.26 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1503.00 | 1.00 | 0.00 | 0.00 | -911.80 | 69.16 | 0.00 | 69.16 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1503.00 | 1.00 | 0.00 | 0.00 | -861.39 | -58.70 | 0.00 | 58.70 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 27.33 | -867.70 | -0.77 | 0.00 | 0.77 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1503.00 | 1.00 | 0.00 | -27.33 | -886.97 | 12.92 | 0.00 | 12.92 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1503.00 | 1.00 | 0.00 | 0.19 | -652.03 | 15.38 | 0.00 | 15.38 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1503.00 | 1.00 | 0.00 | -0.42 | -1824.77 | 3.33 | 0.00 | 3.33 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1503.00 | 1.00 | 0.00 | 0.00 | -940.37 | 60.44 | 0.00 | 60.44 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1503.00 | 1.00 | 0.00 | 0.00 | -872.65 | -48.89 | 0.00 | 48.89 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 0.00 | -808.88 | 0.22 | 0.00 | 0.22 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1503.00 | 1.00 | 0.00 | 0.00 | -908.66 | 12.76 | 0.00 | 12.76 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1503.00 | 1.00 | 0.00 | 0.00 | -807.53 | 13.83 | 0.00 | 13.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1503.00 | 1.00 | 0.00 | 0.00 | -1001.48 | 3.87 | 0.00 | 3.87 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1503.00 | 1.00 | 0.00 | 56.06 | -716.45 | 220.78 | 0.00 | 220.78 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1503.00 | 1.00 | 0.00 | -56.06 | -1058.59 | -208.40 | 0.00 | 208.40 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 186.94 | -575.91 | 46.09 | 0.00 | 46.09 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1503.00 | 1.00 | 0.00 | -186.94 | -1178.75 | -33.94 | 0.00 | 33.94 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1503.00 | 1.00 | 0.00 | 186.94 | -499.08 | 66.06 | 0.00 | 66.06 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1503.00 | 1.00 | 0.00 | -186.94 | -1271.95 | -47.53 | 0.00 | 47.53 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1503.00 | 1.00 | 0.00 | 66.83 | -657.53 | 254.18 | 0.00 | 254.18 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1503.00 | 1.00 | 0.00 | -66.83 | -1117.51 | -241.79 | 0.00 | 241.79 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1503.00 | 1.00 | 0.00 | 222.89 | -500.83 | 61.55 | 0.00 | 61.55 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1503.00 | 1.00 | 0.00 | -222.89 | -1253.83 | -49.40 | 0.00 | 49.40 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1503.00 | 1.00 | 0.00 | 222.89 | -424.38 | 76.81 | 0.00 | 76.81 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1503.00 | 1.00 | 0.00 | -222.89 | -1346.65 | -58.28 | 0.00 | 58.28 |

Point 119

Guida UL

kh

1.00

N/m

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | ex (mm) | ey (mm) | eh (mm) |
|---------------------------------|---------|------|-----------|---------|----------|---------|---------|---------|
| 5172:SLU STR (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 120.71 | -682.40 | 155.26 | 0.00 | 155.26 |
| 5173:SLU STR (Min)(Fx) | 1504.00 | 1.00 | 0.00 | -120.95 | -1441.90 | -155.44 | 0.00 | 155.44 |
| 5172:SLU STR (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 202.39 | -1477.63 | 54.52 | 0.00 | 54.52 |
| 5173:SLU STR (Min)(Fy) | 1504.00 | 1.00 | 0.00 | -202.33 | -1340.98 | -32.00 | 0.00 | 32.00 |
| 5172:SLU STR (Max)(Fz) | 1504.00 | 1.00 | 0.00 | 120.46 | -248.99 | 30.76 | 0.00 | 30.76 |
| 5173:SLU STR (Min)(Fz) | 1504.00 | 1.00 | 0.00 | -120.16 | -3277.57 | -7.33 | 0.00 | 7.33 |
| 5174:SLE RARA (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 80.45 | -741.60 | 106.90 | 0.00 | 106.90 |
| 5175:SLE RARA (Min)(Fx) | 1504.00 | 1.00 | 0.00 | -80.62 | -1064.63 | -102.09 | 0.00 | 102.09 |
| 5174:SLE RARA (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 134.97 | -1345.96 | 39.27 | 0.00 | 39.27 |
| 5175:SLE RARA (Min)(Fy) | 1504.00 | 1.00 | 0.00 | -134.93 | -974.29 | -19.41 | 0.00 | 19.41 |
| 5174:SLE RARA (Max)(Fz) | 1504.00 | 1.00 | 0.00 | 80.26 | -442.56 | 22.11 | 0.00 | 22.11 |
| 5175:SLE RARA (Min)(Fz) | 1504.00 | 1.00 | 0.00 | -80.04 | -2402.10 | -1.58 | 0.00 | 1.58 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 0.00 | -890.54 | 72.43 | 0.00 | 72.43 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1504.00 | 1.00 | 0.00 | 0.00 | -842.03 | -59.68 | 0.00 | 59.68 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 26.90 | -960.64 | 36.07 | 0.00 | 36.07 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1504.00 | 1.00 | 0.00 | -26.90 | -769.65 | -14.80 | 0.00 | 14.80 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1504.00 | 1.00 | 0.00 | -0.24 | -621.68 | 18.32 | 0.00 | 18.32 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1504.00 | 1.00 | 0.00 | 0.46 | -1809.27 | 3.17 | 0.00 | 3.17 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 0.00 | -921.02 | 63.31 | 0.00 | 63.31 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1504.00 | 1.00 | 0.00 | 0.00 | -853.50 | -49.34 | 0.00 | 49.34 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 0.00 | -941.21 | 36.83 | 0.00 | 36.83 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1504.00 | 1.00 | 0.00 | 0.00 | -748.29 | -14.63 | 0.00 | 14.63 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1504.00 | 1.00 | 0.00 | 0.00 | -785.01 | 16.77 | 0.00 | 16.77 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1504.00 | 1.00 | 0.00 | 0.00 | -985.36 | 3.68 | 0.00 | 3.68 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 45.12 | -656.51 | 229.19 | 0.00 | 229.19 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1504.00 | 1.00 | 0.00 | -45.12 | -1077.94 | -214.40 | 0.00 | 214.40 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 150.97 | -686.71 | 84.42 | 0.00 | 84.42 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1504.00 | 1.00 | 0.00 | -150.97 | -1043.58 | -63.15 | 0.00 | 63.15 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1504.00 | 1.00 | 0.00 | 150.97 | -449.36 | 70.62 | 0.00 | 70.62 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1504.00 | 1.00 | 0.00 | -150.97 | -1280.93 | -49.35 | 0.00 | 49.35 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1504.00 | 1.00 | 0.00 | 53.78 | -585.98 | 263.66 | 0.00 | 263.66 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1504.00 | 1.00 | 0.00 | -53.78 | -1148.48 | -248.87 | 0.00 | 248.87 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1504.00 | 1.00 | 0.00 | 180.09 | -603.39 | 93.87 | 0.00 | 93.87 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1504.00 | 1.00 | 0.00 | -180.09 | -1126.90 | -72.60 | 0.00 | 72.60 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1504.00 | 1.00 | 0.00 | 180.09 | -365.93 | 81.69 | 0.00 | 81.69 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1504.00 | 1.00 | 0.00 | -180.09 | -1364.36 | -60.43 | 0.00 | 60.43 |

Point 120

Guida UL

1.00

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | |
|---------------------------------|---------|------|-----------|---------|----------|------|
| 5172:SLU STR (Max)(Fx) | 1505.00 | 1.00 | 0.00 | -120.71 | -682.40 | 0.00 |
| 5173:SLU STR (Min)(Fx) | 1505.00 | 1.00 | 0.00 | 120.95 | -1441.90 | 0.00 |
| 5172:SLU STR (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 202.33 | -993.05 | 0.00 |
| 5173:SLU STR (Min)(Fy) | 1505.00 | 1.00 | 0.00 | -202.39 | -1825.55 | 0.00 |
| 5172:SLU STR (Max)(Fz) | 1505.00 | 1.00 | 0.00 | -120.46 | -248.99 | 0.00 |
| 5173:SLU STR (Min)(Fz) | 1505.00 | 1.00 | 0.00 | 120.16 | -3277.57 | 0.00 |
| 5174:SLE RARA (Max)(Fx) | 1505.00 | 1.00 | 0.00 | -80.45 | -741.60 | 0.00 |
| 5175:SLE RARA (Min)(Fx) | 1505.00 | 1.00 | 0.00 | 80.62 | -1064.63 | 0.00 |
| 5174:SLE RARA (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 134.93 | -974.29 | 0.00 |
| 5175:SLE RARA (Min)(Fy) | 1505.00 | 1.00 | 0.00 | -134.98 | -1345.96 | 0.00 |
| 5174:SLE RARA (Max)(Fz) | 1505.00 | 1.00 | 0.00 | -80.26 | -442.56 | 0.00 |
| 5175:SLE RARA (Min)(Fz) | 1505.00 | 1.00 | 0.00 | 80.04 | -2402.09 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1505.00 | 1.00 | 0.00 | 0.00 | -890.54 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1505.00 | 1.00 | 0.00 | 0.00 | -842.03 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 26.90 | -769.65 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1505.00 | 1.00 | 0.00 | -26.90 | -960.64 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1505.00 | 1.00 | 0.00 | 0.24 | -621.68 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1505.00 | 1.00 | 0.00 | -0.46 | -1809.27 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1505.00 | 1.00 | 0.00 | 0.00 | -921.02 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1505.00 | 1.00 | 0.00 | 0.00 | -853.50 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 0.00 | -788.36 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1505.00 | 1.00 | 0.00 | 0.00 | -982.00 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1505.00 | 1.00 | 0.00 | 0.00 | -785.01 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1505.00 | 1.00 | 0.00 | 0.00 | -985.36 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1505.00 | 1.00 | 0.00 | 45.12 | -656.56 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1505.00 | 1.00 | 0.00 | -45.12 | -1077.89 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 150.97 | -453.17 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1505.00 | 1.00 | 0.00 | -150.97 | -1277.12 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1505.00 | 1.00 | 0.00 | 150.97 | -449.53 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1505.00 | 1.00 | 0.00 | -150.97 | -1280.76 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1505.00 | 1.00 | 0.00 | 53.78 | -586.03 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1505.00 | 1.00 | 0.00 | -53.78 | -1148.42 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1505.00 | 1.00 | 0.00 | 180.09 | -369.87 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1505.00 | 1.00 | 0.00 | -180.09 | -1360.42 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1505.00 | 1.00 | 0.00 | 180.09 | -366.12 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1505.00 | 1.00 | 0.00 | -180.09 | -1364.17 | 0.00 |

Point 137

Guida UL

1.00

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | |
|---------------------------------|---------|------|-----------|---------|----------|------|
| 5172:SLU STR (Max)(Fx) | 1506.00 | 1.00 | 0.00 | -122.08 | -872.85 | 0.00 |
| 5173:SLU STR (Min)(Fx) | 1506.00 | 1.00 | 0.00 | 122.32 | -1710.91 | 0.00 |
| 5172:SLU STR (Max)(Fy) | 1506.00 | 1.00 | 0.00 | 204.67 | -1120.63 | 0.00 |
| 5173:SLU STR (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -205.86 | -2621.10 | 0.00 |
| 5172:SLU STR (Max)(Fz) | 1506.00 | 1.00 | 0.00 | -121.45 | -390.02 | 0.00 |
| 5173:SLU STR (Min)(Fz) | 1506.00 | 1.00 | 0.00 | 119.95 | -3903.41 | 0.00 |
| 5174:SLE RARA (Max)(Fx) | 1506.00 | 1.00 | 0.00 | -81.37 | -931.36 | 0.00 |
| 5175:SLE RARA (Min)(Fx) | 1506.00 | 1.00 | 0.00 | 81.54 | -1263.50 | 0.00 |
| 5174:SLE RARA (Max)(Fy) | 1506.00 | 1.00 | 0.00 | 136.50 | -1119.51 | 0.00 |
| 5175:SLE RARA (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -137.38 | -1932.28 | 0.00 |
| 5174:SLE RARA (Max)(Fz) | 1506.00 | 1.00 | 0.00 | -80.90 | -595.16 | 0.00 |
| 5175:SLE RARA (Min)(Fz) | 1506.00 | 1.00 | 0.00 | 79.79 | -2865.83 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1506.00 | 1.00 | 0.00 | -0.01 | -1078.17 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1506.00 | 1.00 | 0.00 | -0.01 | -1028.21 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1506.00 | 1.00 | 0.00 | 27.18 | -1039.18 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -27.21 | -1069.04 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1506.00 | 1.00 | 0.00 | 0.43 | -784.98 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1506.00 | 1.00 | 0.00 | -1.25 | -2172.09 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1506.00 | 1.00 | 0.00 | -0.01 | -1106.70 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1506.00 | 1.00 | 0.00 | -0.01 | -1039.41 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1506.00 | 1.00 | 0.00 | -0.01 | -1001.61 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -0.01 | -1090.67 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1506.00 | 1.00 | 0.00 | -0.01 | -973.95 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1506.00 | 1.00 | 0.00 | -0.01 | -1168.10 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1506.00 | 1.00 | 0.00 | 54.98 | -867.98 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1506.00 | 1.00 | 0.00 | -55.00 | -1240.23 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1506.00 | 1.00 | 0.00 | 183.37 | -724.46 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -183.40 | -1383.75 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1506.00 | 1.00 | 0.00 | 183.37 | -642.55 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1506.00 | 1.00 | 0.00 | -183.40 | -1461.61 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1506.00 | 1.00 | 0.00 | 65.55 | -804.50 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1506.00 | 1.00 | 0.00 | -65.57 | -1303.71 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1506.00 | 1.00 | 0.00 | 218.63 | -644.59 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1506.00 | 1.00 | 0.00 | -218.65 | -1463.62 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1506.00 | 1.00 | 0.00 | 218.63 | -562.53 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1506.00 | 1.00 | 0.00 | -218.65 | -1541.63 | 0.00 |

Point 138

Guida UL

1.00

| Loadcase | Element | GP | Fx(*)[kN] | Fy[kN] | Fz[kN] | |
|---------------------------------|---------|------|-----------|---------|----------|------|
| 5172:SLU STR (Max)(Fx) | 1507.00 | 1.00 | 0.00 | 122.06 | -840.39 | 0.00 |
| 5173:SLU STR (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -122.35 | -1667.08 | 0.00 |
| 5172:SLU STR (Max)(Fy) | 1507.00 | 1.00 | 0.00 | 205.84 | -2163.60 | 0.00 |
| 5173:SLU STR (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -204.70 | -1501.84 | 0.00 |
| 5172:SLU STR (Max)(Fz) | 1507.00 | 1.00 | 0.00 | 121.43 | -357.55 | 0.00 |
| 5173:SLU STR (Min)(Fz) | 1507.00 | 1.00 | 0.00 | -119.98 | -3859.20 | 0.00 |
| 5174:SLE RARA (Max)(Fx) | 1507.00 | 1.00 | 0.00 | 81.35 | -898.89 | 0.00 |
| 5175:SLE RARA (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -81.56 | -1231.03 | 0.00 |
| 5174:SLE RARA (Max)(Fy) | 1507.00 | 1.00 | 0.00 | 137.36 | -1886.78 | 0.00 |
| 5175:SLE RARA (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -136.52 | -1100.08 | 0.00 |
| 5174:SLE RARA (Max)(Fz) | 1507.00 | 1.00 | 0.00 | 80.88 | -562.70 | 0.00 |
| 5175:SLE RARA (Min)(Fz) | 1507.00 | 1.00 | 0.00 | -79.81 | -2833.09 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fx) | 1507.00 | 1.00 | 0.00 | -0.01 | -1045.70 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -0.01 | -995.74 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fy) | 1507.00 | 1.00 | 0.00 | 27.18 | -1021.68 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -27.21 | -1021.60 | 0.00 |
| 5176:SLE FREQUENTE (Max)(Fz) | 1507.00 | 1.00 | 0.00 | -0.45 | -752.51 | 0.00 |
| 5177:SLE FREQUENTE (Min)(Fz) | 1507.00 | 1.00 | 0.00 | 1.23 | -2139.51 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fx) | 1507.00 | 1.00 | 0.00 | -0.01 | -1074.24 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -0.01 | -1006.94 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fy) | 1507.00 | 1.00 | 0.00 | -0.01 | -1081.21 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -0.01 | -999.96 | 0.00 |
| 5178:SLE Q.PERMANENTE (Max)(Fz) | 1507.00 | 1.00 | 0.00 | -0.01 | -941.49 | 0.00 |
| 5179:SLE Q.PERMANENTE (Min)(Fz) | 1507.00 | 1.00 | 0.00 | -0.01 | -1135.64 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fx) | 1507.00 | 1.00 | 0.00 | 54.98 | -835.48 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -55.00 | -1207.80 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fy) | 1507.00 | 1.00 | 0.00 | 183.37 | -750.12 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -183.40 | -1293.16 | 0.00 |
| 5182:Gk + Ed_SLV_VSM (Max)(Fz) | 1507.00 | 1.00 | 0.00 | 183.37 | -609.97 | 0.00 |
| 5183:Gk + Ed_SLV_VSM (Min)(Fz) | 1507.00 | 1.00 | 0.00 | -183.40 | -1429.26 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fx) | 1507.00 | 1.00 | 0.00 | 65.55 | -772.00 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fx) | 1507.00 | 1.00 | 0.00 | -65.57 | -1271.29 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fy) | 1507.00 | 1.00 | 0.00 | 218.63 | -670.24 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fy) | 1507.00 | 1.00 | 0.00 | -218.65 | -1373.04 | 0.00 |
| 5184:Gk + Ed_SLC_VSM (Max)(Fz) | 1507.00 | 1.00 | 0.00 | 218.63 | -529.93 | 0.00 |
| 5185:Gk + Ed_SLC_VSM (Min)(Fz) | 1507.00 | 1.00 | 0.00 | -218.65 | -1509.30 | 0.00 |