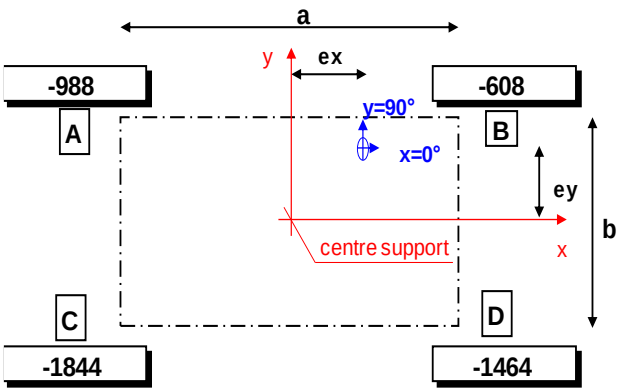
Hammerschmidt Jan (MCR)
Digital signiert von Hammerschmidt Jan (MCR)
DN: cn=Hammerschmidt Jan (MCR)
Datum: 2024.12.19 14:04:55 +01'00'

SUPPORT FORCES for **Maximum**

CRANE: **LHM 550 C LC=red**
LOADCASE: **DYNAMIK incl. WIND** **Grab Op.**
UNITS: **SI [m,kN]**

tension allowed:	geometry a	b
no	15,8	10,5



slewing axis

ex		ey
0,000		0,000
Fz	Mres	angle °
-3461	10799	370,00
		-33,66

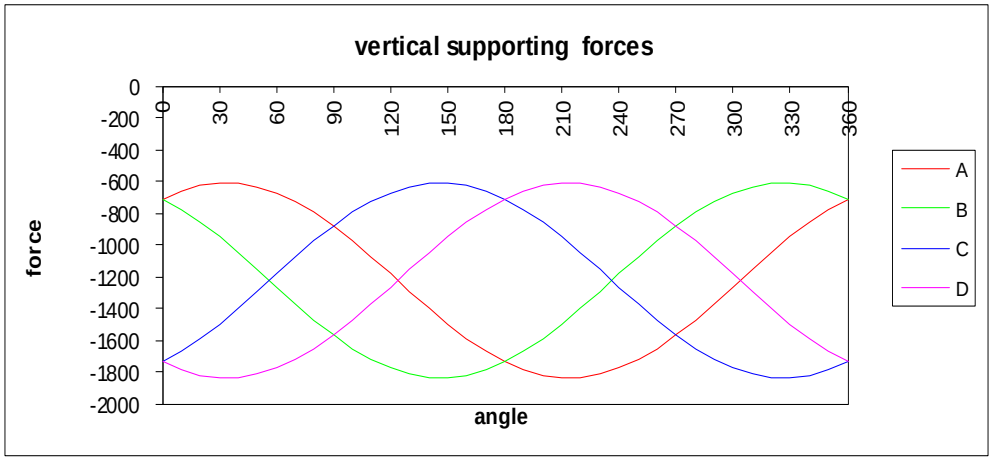
centre of supports

Fz	Mx	My
-1442	0	0
total load		
-4903	8989	-5985

Units:

Force	[kN]
Moment	[kNm]
Length	[m]

angle	A	B	C	D	Fhoriz.
Fangspeicher für Grafik					
factor	1,00	1,00	1,00	1,00	1,00
table of values					
0	-712	-712	-1740	-1740	0
10	-660	-779	-1673	-1792	0
20	-625	-860	-1592	-1826	0
30	-609	-952	-1500	-1842	0
40	-612	-1052	-1400	-1840	0
50	-633	-1158	-1294	-1819	0
60	-672	-1265	-1186	-1779	0
70	-728	-1372	-1080	-1723	0
80	-799	-1474	-978	-1652	0
90	-883	-1568	-883	-1568	0
100	-978	-1652	-799	-1474	0
110	-1080	-1723	-728	-1372	0
120	-1186	-1779	-672	-1265	0
130	-1294	-1819	-633	-1158	0
140	-1400	-1840	-612	-1052	0
150	-1500	-1842	-609	-952	0
160	-1592	-1826	-625	-860	0
170	-1673	-1792	-660	-779	0
180	-1740	-1740	-712	-712	0
190	-1792	-1673	-779	-660	0
200	-1826	-1592	-860	-625	0
210	-1842	-1500	-952	-609	0
220	-1840	-1400	-1052	-612	0
230	-1819	-1294	-1158	-633	0
240	-1779	-1186	-1265	-672	0
250	-1723	-1080	-1372	-728	0
260	-1652	-978	-1474	-799	0
270	-1568	-883	-1568	-883	0
280	-1474	-799	-1652	-978	0
290	-1372	-728	-1723	-1080	0
300	-1265	-672	-1779	-1186	0
310	-1158	-633	-1819	-1294	0
320	-1052	-612	-1840	-1400	0
330	-952	-609	-1842	-1500	0
340	-860	-625	-1826	-1592	0
350	-779	-660	-1792	-1673	0
360	-712	-712	-1740	-1740	0



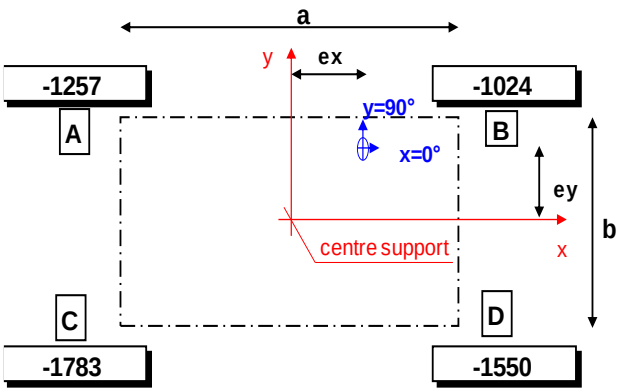
SUPPORT FORCES for **Maximum**

CRANE: **LHM 550 C LC=red**

LOADCASE: **DYNAMIK excl. WIND** **Grab Op.**

UNITS: **SI [m,kN]**

tension allowed:	geometry a	b
no	15,8	10,5



slewing axis

ex	ey
0,000	0,000

Fz	Mres	angle °
-4172	6635	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

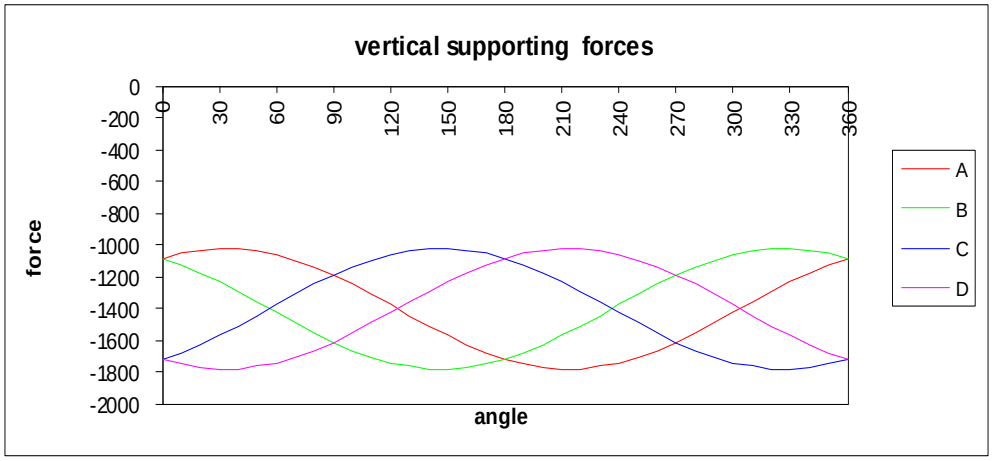
total load

-5614	5523	-3677

Units:

Force	[kN]
Moment	[kNm]
Length	[m]

angle	A	B	C	D	Fhoriz.
Fangspeicher für Grafik					
factor	1,00	1,00	1,00	1,00	1,00
table of values					
0	-1087	-1087	-1719	-1719	0
10	-1056	-1129	-1678	-1751	0
20	-1035	-1178	-1628	-1772	0
30	-1025	-1235	-1572	-1782	0
40	-1026	-1297	-1510	-1781	0
50	-1039	-1362	-1445	-1768	0
60	-1063	-1428	-1379	-1744	0
70	-1098	-1493	-1314	-1709	0
80	-1141	-1556	-1251	-1666	0
90	-1193	-1614	-1193	-1614	0
100	-1251	-1666	-1141	-1556	0
110	-1314	-1709	-1098	-1493	0
120	-1379	-1744	-1063	-1428	0
130	-1445	-1768	-1039	-1362	0
140	-1510	-1781	-1026	-1297	0
150	-1572	-1782	-1025	-1235	0
160	-1628	-1772	-1035	-1178	0
170	-1678	-1751	-1056	-1129	0
180	-1719	-1719	-1087	-1087	0
190	-1751	-1678	-1129	-1056	0
200	-1772	-1628	-1178	-1035	0
210	-1782	-1572	-1235	-1025	0
220	-1781	-1510	-1297	-1026	0
230	-1768	-1445	-1362	-1039	0
240	-1744	-1379	-1428	-1063	0
250	-1709	-1314	-1493	-1098	0
260	-1666	-1251	-1556	-1141	0
270	-1614	-1193	-1614	-1193	0
280	-1556	-1141	-1666	-1251	0
290	-1493	-1098	-1709	-1314	0
300	-1428	-1063	-1744	-1379	0
310	-1362	-1039	-1768	-1445	0
320	-1297	-1026	-1781	-1510	0
330	-1235	-1025	-1782	-1572	0
340	-1178	-1035	-1772	-1628	0
350	-1129	-1056	-1751	-1678	0
360	-1087	-1087	-1719	-1719	0



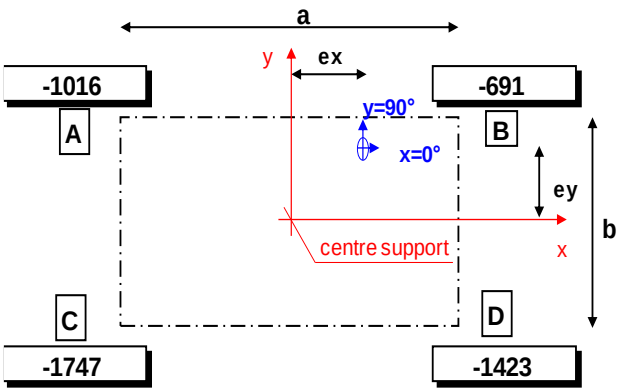
SUPPORT FORCES for **Maximum**

CRANE: **LHM 550 C LC=red**

LOADCASE: **STATIK incl. WIND** **Grab Op.**

UNITS: **SI [m,kN]**

tension allowed:	geometry a	b
no	15,8	10,5



slewing axis

ex	ey
0,000	0,000

Fz	Mres	angle °
-3436	9229	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

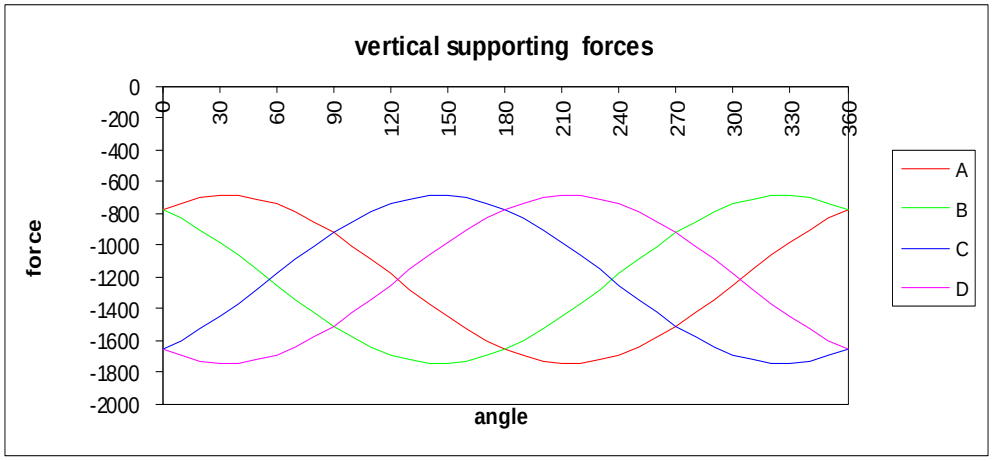
total load

-4878	7682	-5115

Units:

Force	[kN]
Moment	[kNm]
Length	[m]

angle	A	B	C	D	Fhoriz.
Fangspeicher für Grafik					
factor	1,00	1,00	1,00	1,00	1,00
table of values					
0	-780	-780	-1659	-1659	0
10	-736	-837	-1601	-1703	0
20	-706	-907	-1532	-1732	0
30	-693	-985	-1454	-1746	0
40	-695	-1071	-1368	-1744	0
50	-713	-1161	-1278	-1726	0
60	-746	-1253	-1186	-1693	0
70	-794	-1344	-1095	-1645	0
80	-855	-1431	-1008	-1584	0
90	-927	-1512	-927	-1512	0
100	-1008	-1584	-855	-1431	0
110	-1095	-1645	-794	-1344	0
120	-1186	-1693	-746	-1253	0
130	-1278	-1726	-713	-1161	0
140	-1368	-1744	-695	-1071	0
150	-1454	-1746	-693	-985	0
160	-1532	-1732	-706	-907	0
170	-1601	-1703	-736	-837	0
180	-1659	-1659	-780	-780	0
190	-1703	-1601	-837	-736	0
200	-1732	-1532	-907	-706	0
210	-1746	-1454	-985	-693	0
220	-1744	-1368	-1071	-695	0
230	-1726	-1278	-1161	-713	0
240	-1693	-1186	-1253	-746	0
250	-1645	-1095	-1344	-794	0
260	-1584	-1008	-1431	-855	0
270	-1512	-927	-1512	-927	0
280	-1431	-855	-1584	-1008	0
290	-1344	-794	-1645	-1095	0
300	-1253	-746	-1693	-1186	0
310	-1161	-713	-1726	-1278	0
320	-1071	-695	-1744	-1368	0
330	-985	-693	-1746	-1454	0
340	-907	-706	-1732	-1532	0
350	-837	-736	-1703	-1601	0
360	-780	-780	-1659	-1659	0



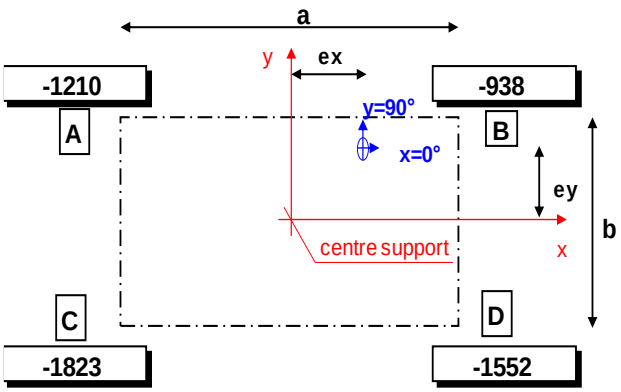
SUPPORT FORCES for **Maximum**

CRANE: **LHM 550 C LC=red**

LOADCASE: **STATIK excl. WIND** **Grab Op.**

UNITS: **SI [m,kN]**

tension allowed:	geometry a	b
no	15,8	10,5



slewing axis

ex	ey
0,000	0,000

Fz	Mres	angle °
-4082	7734	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

total load

-5524	6438	-4286

Units:

Force	[kN]
Moment	[kNm]
Length	[m]

angle	A	B	C	D	Fhoriz.
Fangspeicher für Grafik					
factor	1,00	1,00	1,00	1,00	1,00
table of values					
0	-1013	-1013	-1749	-1749	0
10	-976	-1061	-1701	-1786	0
20	-951	-1119	-1643	-1811	0
30	-939	-1185	-1577	-1823	0
40	-941	-1256	-1505	-1821	0
50	-956	-1332	-1430	-1806	0
60	-984	-1409	-1353	-1777	0
70	-1025	-1485	-1276	-1737	0
80	-1076	-1558	-1203	-1686	0
90	-1136	-1626	-1136	-1626	0
100	-1203	-1686	-1076	-1558	0
110	-1276	-1737	-1025	-1485	0
120	-1353	-1777	-984	-1409	0
130	-1430	-1806	-956	-1332	0
140	-1505	-1821	-941	-1256	0
150	-1577	-1823	-939	-1185	0
160	-1643	-1811	-951	-1119	0
170	-1701	-1786	-976	-1061	0
180	-1749	-1749	-1013	-1013	0
190	-1786	-1701	-1061	-976	0
200	-1811	-1643	-1119	-951	0
210	-1823	-1577	-1185	-939	0
220	-1821	-1505	-1256	-941	0
230	-1806	-1430	-1332	-956	0
240	-1777	-1353	-1409	-984	0
250	-1737	-1276	-1485	-1025	0
260	-1686	-1203	-1558	-1076	0
270	-1626	-1136	-1626	-1136	0
280	-1558	-1076	-1686	-1203	0
290	-1485	-1025	-1737	-1276	0
300	-1409	-984	-1777	-1353	0
310	-1332	-956	-1806	-1430	0
320	-1256	-941	-1821	-1505	0
330	-1185	-939	-1823	-1577	0
340	-1119	-951	-1811	-1643	0
350	-1061	-976	-1786	-1701	0
360	-1013	-1013	-1749	-1749	0

