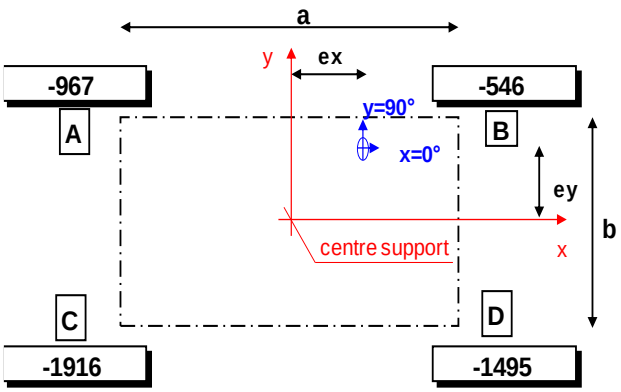
Hammerschmidt Jan (MCR)
Digital signiert von Hammerschmidt Jan (MCR)
DN: cn=Hammerschmidt Jan (MCR)
Datum: 2024.12.19 14:04:40 +01'00'

SUPPORT FORCES for **Maximum**

CRANE: **LHM 550 C LC=red**
LOADCASE: **DYNAMIK incl. WIND** **75% Util.**
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 °
-3482	11971	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

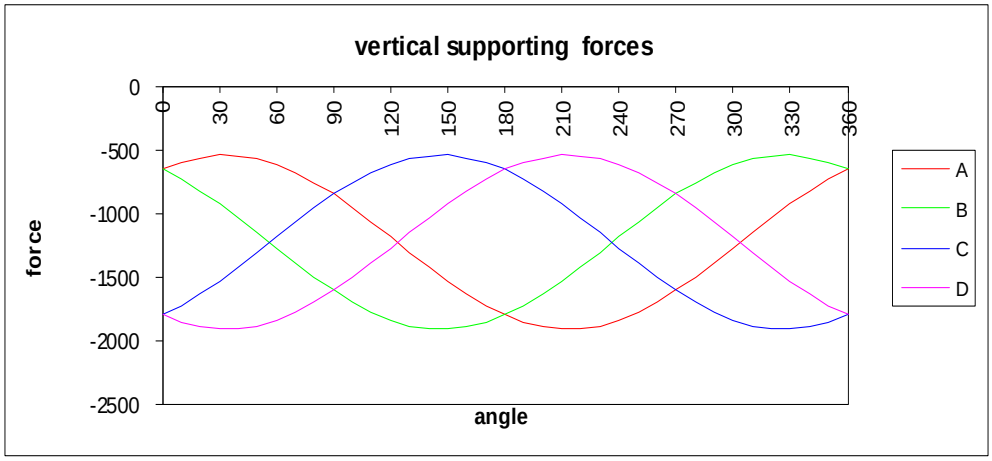
total load

-4924	9965	-6635

Units:

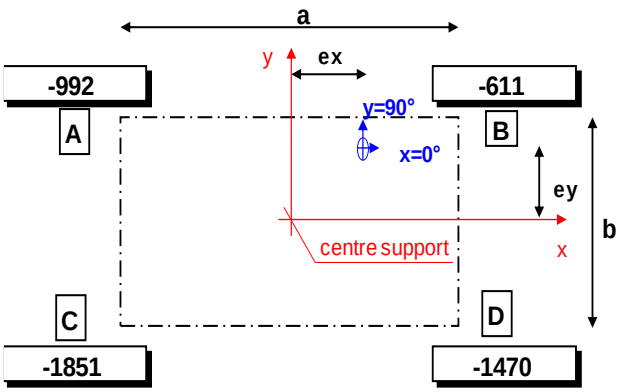
Force	[kN]
Moment	[kNm]
Length	[m]

angle	A	B	C	D	Fhoriz.
Fangspeicher für Grafik					
factor	1,00	1,00	1,00	1,00	1,00
table of values					
0	-661	-661	-1801	-1801	0
10	-604	-736	-1727	-1858	0
20	-566	-825	-1637	-1897	0
30	-548	-927	-1535	-1915	0
40	-550	-1038	-1424	-1912	0
50	-574	-1155	-1307	-1888	0
60	-617	-1275	-1187	-1845	0
70	-679	-1393	-1069	-1783	0
80	-758	-1506	-956	-1704	0
90	-851	-1611	-851	-1611	0
100	-956	-1704	-758	-1506	0
110	-1069	-1783	-679	-1393	0
120	-1187	-1845	-617	-1275	0
130	-1307	-1888	-574	-1155	0
140	-1424	-1912	-550	-1038	0
150	-1535	-1915	-548	-927	0
160	-1637	-1897	-566	-825	0
170	-1727	-1858	-604	-736	0
180	-1801	-1801	-661	-661	0
190	-1858	-1727	-736	-604	0
200	-1897	-1637	-825	-566	0
210	-1915	-1535	-927	-548	0
220	-1912	-1424	-1038	-550	0
230	-1888	-1307	-1155	-574	0
240	-1845	-1187	-1275	-617	0
250	-1783	-1069	-1393	-679	0
260	-1704	-956	-1506	-758	0
270	-1611	-851	-1611	-851	0
280	-1506	-758	-1704	-956	0
290	-1393	-679	-1783	-1069	0
300	-1275	-617	-1845	-1187	0
310	-1155	-574	-1888	-1307	0
320	-1038	-550	-1912	-1424	0
330	-927	-548	-1915	-1535	0
340	-825	-566	-1897	-1637	0
350	-736	-604	-1858	-1727	0
360	-661	-661	-1801	-1801	0



SUPPORT FORCES for **Maximum**

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



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

LOADCASE: **DYNAMIK excl. WIND** **75% Util.**

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

slewing axis

ex	ey
0,000	0,000

Fz	Mres	angle °
-3482	10836	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

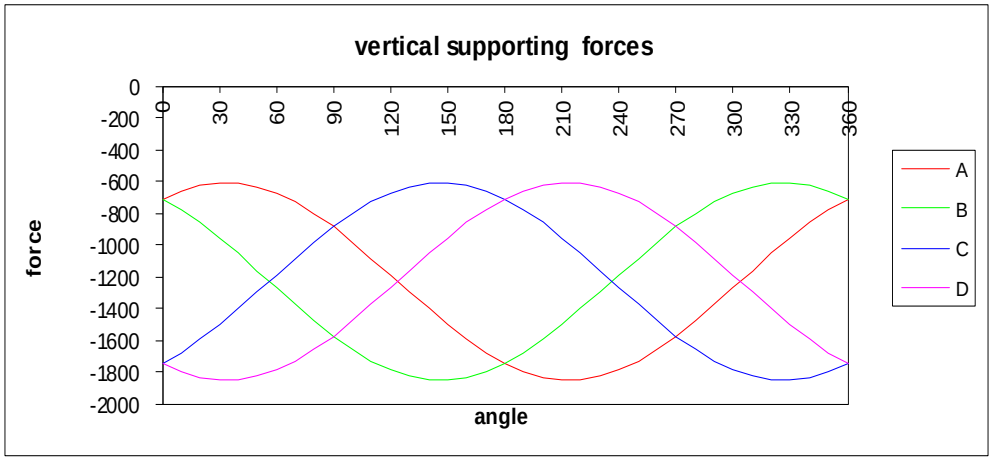
total load

-4924	9020	-6005

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	-715	-715	-1747	-1747	0
10	-663	-783	-1680	-1799	0
20	-629	-864	-1598	-1833	0
30	-612	-956	-1506	-1850	0
40	-615	-1057	-1405	-1847	0
50	-636	-1163	-1300	-1826	0
60	-675	-1271	-1191	-1787	0
70	-732	-1377	-1085	-1730	0
80	-803	-1480	-982	-1659	0
90	-887	-1575	-887	-1575	0
100	-982	-1659	-803	-1480	0
110	-1085	-1730	-732	-1377	0
120	-1191	-1787	-675	-1271	0
130	-1300	-1826	-636	-1163	0
140	-1405	-1847	-615	-1057	0
150	-1506	-1850	-612	-956	0
160	-1598	-1833	-629	-864	0
170	-1680	-1799	-663	-783	0
180	-1747	-1747	-715	-715	0
190	-1799	-1680	-783	-663	0
200	-1833	-1598	-864	-629	0
210	-1850	-1506	-956	-612	0
220	-1847	-1405	-1057	-615	0
230	-1826	-1300	-1163	-636	0
240	-1787	-1191	-1271	-675	0
250	-1730	-1085	-1377	-732	0
260	-1659	-982	-1480	-803	0
270	-1575	-887	-1575	-887	0
280	-1480	-803	-1659	-982	0
290	-1377	-732	-1730	-1085	0
300	-1271	-675	-1787	-1191	0
310	-1163	-636	-1826	-1300	0
320	-1057	-615	-1847	-1405	0
330	-956	-612	-1850	-1506	0
340	-864	-629	-1833	-1598	0
350	-783	-663	-1799	-1680	0
360	-715	-715	-1747	-1747	0



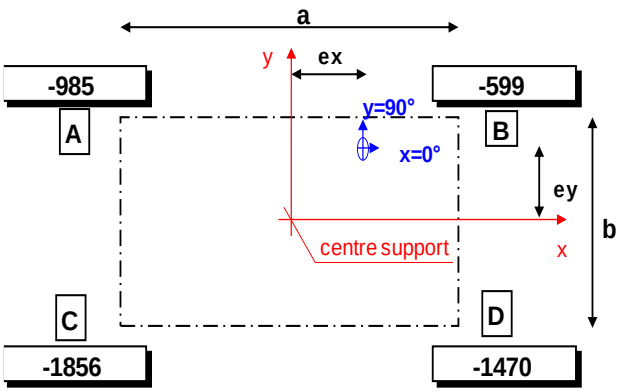
SUPPORT FORCES for **Maximum**

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

LOADCASE: **STATIK incl. WIND** **75% Util.**

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 °
-3468	10980	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

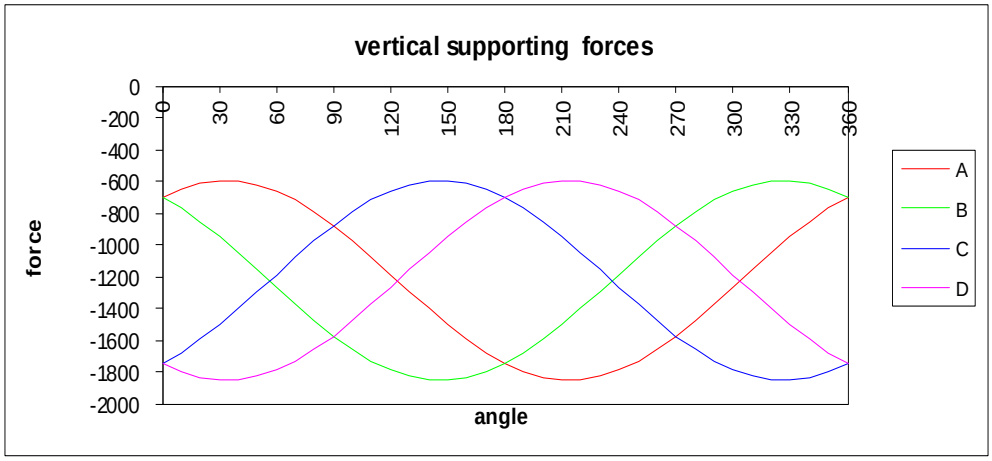
total load

-4910	9139	-6085

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	-705	-705	-1750	-1750	0
10	-652	-773	-1682	-1803	0
20	-617	-855	-1600	-1838	0
30	-601	-949	-1506	-1854	0
40	-603	-1051	-1404	-1852	0
50	-625	-1158	-1297	-1830	0
60	-665	-1268	-1187	-1790	0
70	-722	-1376	-1079	-1733	0
80	-794	-1480	-975	-1661	0
90	-879	-1576	-879	-1576	0
100	-975	-1661	-794	-1480	0
110	-1079	-1733	-722	-1376	0
120	-1187	-1790	-665	-1268	0
130	-1297	-1830	-625	-1158	0
140	-1404	-1852	-603	-1051	0
150	-1506	-1854	-601	-949	0
160	-1600	-1838	-617	-855	0
170	-1682	-1803	-652	-773	0
180	-1750	-1750	-705	-705	0
190	-1803	-1682	-773	-652	0
200	-1838	-1600	-855	-617	0
210	-1854	-1506	-949	-601	0
220	-1852	-1404	-1051	-603	0
230	-1830	-1297	-1158	-625	0
240	-1790	-1187	-1268	-665	0
250	-1733	-1079	-1376	-722	0
260	-1661	-975	-1480	-794	0
270	-1576	-879	-1576	-879	0
280	-1480	-794	-1661	-975	0
290	-1376	-722	-1733	-1079	0
300	-1268	-665	-1790	-1187	0
310	-1158	-625	-1830	-1297	0
320	-1051	-603	-1852	-1404	0
330	-949	-601	-1854	-1506	0
340	-855	-617	-1838	-1600	0
350	-773	-652	-1803	-1682	0
360	-705	-705	-1750	-1750	0



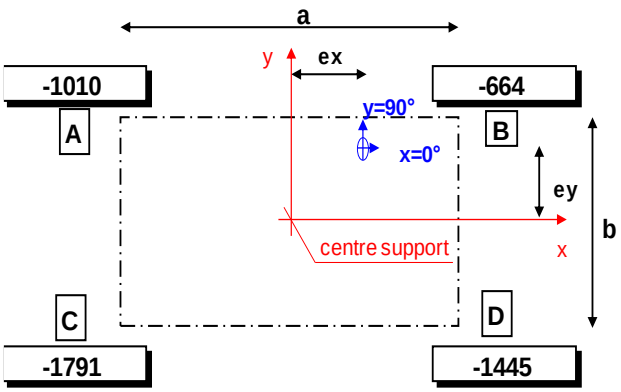
SUPPORT FORCES for **Maximum**

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

LOADCASE: **STATIK excl. WIND** **75% Util.**

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 °
-3468	9843	370,00
		-33,66

centre of supports

Fz	Mx	My
-1442	0	0

total load

-4910	8193	-5455

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	-759	-759	-1696	-1696	0
10	-712	-820	-1635	-1743	0
20	-680	-894	-1561	-1775	0
30	-665	-978	-1477	-1789	0
40	-668	-1069	-1386	-1787	0
50	-687	-1165	-1290	-1768	0
60	-723	-1263	-1192	-1732	0
70	-774	-1360	-1095	-1681	0
80	-839	-1453	-1002	-1616	0
90	-915	-1540	-915	-1540	0
100	-1002	-1616	-839	-1453	0
110	-1095	-1681	-774	-1360	0
120	-1192	-1732	-723	-1263	0
130	-1290	-1768	-687	-1165	0
140	-1386	-1787	-668	-1069	0
150	-1477	-1789	-665	-978	0
160	-1561	-1775	-680	-894	0
170	-1635	-1743	-712	-820	0
180	-1696	-1696	-759	-759	0
190	-1743	-1635	-820	-712	0
200	-1775	-1561	-894	-680	0
210	-1789	-1477	-978	-665	0
220	-1787	-1386	-1069	-668	0
230	-1768	-1290	-1165	-687	0
240	-1732	-1192	-1263	-723	0
250	-1681	-1095	-1360	-774	0
260	-1616	-1002	-1453	-839	0
270	-1540	-915	-1540	-915	0
280	-1453	-839	-1616	-1002	0
290	-1360	-774	-1681	-1095	0
300	-1263	-723	-1732	-1192	0
310	-1165	-687	-1768	-1290	0
320	-1069	-668	-1787	-1386	0
330	-978	-665	-1789	-1477	0
340	-894	-680	-1775	-1561	0
350	-820	-712	-1743	-1635	0
360	-759	-759	-1696	-1696	0

