

**TR Říčov - rek.R110kV, sek.tech., VS, PZTS**  
**Montážní tabulky pro ZL**  
**V504/549**

## Stringing Chart Report

Section #1 from structure #1 to structure #TR504, start set #8 'ZL', end set #8 ''

Cable 'O:\PROLinCZPHA\22129\_TR Říčov-rek\_R110KV\PLS\lana\183\_AL1\_43\_ST1A\_30dC', Ruling span (m) 69.7117

Sagging data: Catenary (m) 215.853, Horiz. Tension (N) 1800 Condition C Temperature (deg C) -5

Weather case for final after creep 80°C, Equivalent to 29.8 (deg C) temperature increase

Weather case for final after load 40°C, Equivalent to 0.1 (deg C) temperature increase

Results below for condition 'Initial FE'

Calculations done using actual span lengths and vertical projections

+ Span From + + Span To +			Span	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Mid	Left	Span
Str.	Set	Ph.	Str.	Set	Ph.	Length	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Span	Struct	Vertical
							Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Sag	Number	Projection
						-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C	40 C	45 C	50 C
						(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
1	8	1	TR504	8	1	71.3	2.73	2.76	2.80	2.83	2.87	2.90	2.93	2.96	2.99	3.02	3.05	3.08	3.11	3.14

+ Span From + + Span To +			Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz
Str.	Set	Ph.	Str.	Set	Ph.	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension	Tension
						-20 C	-15 C	-10 C	-5 C	0 C	5 C	10 C	15 C	20 C	25 C	30 C	35 C
						(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
1	8	1	TR504	8	1	1992	1968	1945	1923	1899	1878	1857	1838	1819	1800	1782	1765