

Krab – light S/N: 305 TransAdelaide

Evaluation software Krab 8.1

| Operation limits M | | | | | | | | | |
|--------------------|---------|---------|-----------------|-----|-----------|------------|------------|-----------|------|
| Speed zone | Gauge + | Gauge - | Gauge variation | Top | Twist 2m* | Twist 10m* | Twist 14m* | Alignment | Cant |
| 0 – 20 km/h | 29 | -17 | 6 | 19 | 21 | | 52 | 45 | 40 |
| 20 – 40 km/h | 29 | -17 | 6 | 19 | 21 | | 52 | 45 | 40 |
| 40 – 65 km/h | 27 | -15 | 5 | 19 | 15 | | 35 | 20 | 40 |
| 65 – 90 km/h | 25 | -10 | 4 | 12 | 13 | | 25 | 14 | 40 |
| 90 – 100 km/h | 25 | -10 | 4 | 12 | 13 | | 25 | 14 | 40 |

| Operation limits P | | | | | | | | | |
|--------------------|---------|---------|-----------------|-----|-----------|------------|------------|-----------|------|
| Speed zone | Gauge + | Gauge - | Gauge variation | Top | Twist 2m* | Twist 10m* | Twist 14m* | Alignment | Cant |
| 0 – 20 km/h | 29 | -17 | 7 | 26 | 21 | | 52 | 45 | 50 |
| 20 – 40 km/h | 29 | -17 | 7 | 26 | 21 | | 52 | 45 | 50 |
| 40 – 65 km/h | 27 | -15 | 6 | 22 | 19 | | 47 | 35 | 50 |
| 65 – 90 km/h | 25 | -10 | 5 | 19 | 17 | | 41 | 25 | 50 |
| 90 – 100 km/h | 25 | -10 | 5 | 19 | 17 | | 41 | 25 | 50 |

| Operation limits E | | | | | | | | | |
|--------------------|---------|---------|-----------------|-----|-----------|------------|------------|-----------|------|
| Speed zone | Gauge + | Gauge - | Gauge variation | Top | Twist 2m* | Twist 10m* | Twist 14m* | Alignment | Cant |
| 0 – 20 km/h | 35 | -19 | 8 | 30 | 23 | | 61 | 125 | 60 |
| 20 – 40 km/h | 35 | -19 | 8 | 30 | 23 | | 61 | 125 | 60 |
| 40 – 65 km/h | 35 | -19 | 7 | 30 | 23 | | 61 | 125 | 60 |
| 65 – 90 km/h | 29 | -17 | 6 | 26 | 21 | | 53 | 45 | 60 |
| 90 – 100 km/h | 29 | -17 | 6 | 26 | 21 | | 53 | 45 | 60 |

*The values of the twist in this table are given in mm per twist base. In evaluation software Krab 8.1 the limits are given in mm per 1m of the twist base (twist from this table / twist base).

Limits are stored in the file: TransAdelaide.mh (this file is stored in the folder Krab 8.1)

Graphical output setting is stored in file: TransAdelaide.gsk

Computation setting is stored in file: Krab.ini

Alignment computation: 10m long chord (part a = 5m, part b = 5m)

Top computation: 5m long chord (part a = 2.5m, part b = 2.5m)

| Tolerances for new construction | | | | | | | | | |
|--|---------|---------|-----------------|-----|-----------|------------|------------|-----------|------|
| Speed zone | Gauge + | Gauge - | Gauge variation | Top | Twist 2m* | Twist 10m* | Twist 14m* | Alignment | Cant |
| 0 – 20 km/h | 4 | -3 | 4 | 5 | | 4 | | 5 | 5 |
| 20 – 40 km/h | 4 | -3 | 4 | 5 | | 4 | | 5 | 5 |
| 40 – 65 km/h | 4 | -3 | 4 | 5 | | 4 | | 5 | 5 |
| 65 – 90 km/h | 4 | -3 | 4 | 5 | | 4 | | 5 | 5 |
| 90 – 100 km/h | 4 | -3 | 4 | 5 | | 4 | | 5 | 5 |

| Tolerances for reused material | | | | | | | | | |
|---------------------------------------|---------|---------|-----------------|-----|-----------|------------|------------|-----------|------|
| Speed zone | Gauge + | Gauge - | Gauge variation | Top | Twist 2m* | Twist 10m* | Twist 14m* | Alignment | Cant |
| 0 – 20 km/h | 15 | -3 | 5 | 5 | | 4 | | 5 | 5 |
| 20 – 40 km/h | 15 | -3 | 5 | 5 | | 4 | | 5 | 5 |
| 40 – 65 km/h | 15 | -3 | 5 | 5 | | 4 | | 5 | 5 |
| 65 – 90 km/h | 15 | -3 | 5 | 5 | | 4 | | 5 | 5 |
| 90 – 100 km/h | 15 | -3 | 5 | 5 | | 4 | | 5 | 5 |