



TSCHUGGEN GRAND HOTEL
AROSA

TSCHUGGEN EXPRESS

The hotel's own futuristic mountain railway takes our guests up to the winter sports and hiking area in less than 4 minutes.



GENERAL	Railway system	Single-track funicular railway with safety brakes
	Directive	Regulation (EU) 2016/424
	Elevation of top station	2004 m a.s.l.
	Elevation of bottom station	1850 m a.s.l.
	Difference in elevation	154 m
	Horizontal length	508 m
	Length of railway	535.54 m
	Average incline	17.00 °
	Number of pillars	26
	Track gauge	1.20 m
	Cable diameter	18 mm
	Carrying capacity of cabin	2 cabins with 6 persons each, coupled
	Hourly transport capacity	Approx. 120 persons
Journey time	Approx 3.5 minutes	
DRIVE UNITS	Power of main drive	Root mean square: 103 kW / start-up: 150 kW
	Main drive speed	4.0 m/s
	Emergency drive	Directly on drive pulley via sprocket
	Power supply for emergency drive	Diesel-electric / emergency generator
	Emergency drive speed	0.7 m/s
RESCUE	Land-based rescue	
	Rescuers climb up to the blocked cabin from below and the passengers abseil down to safety	