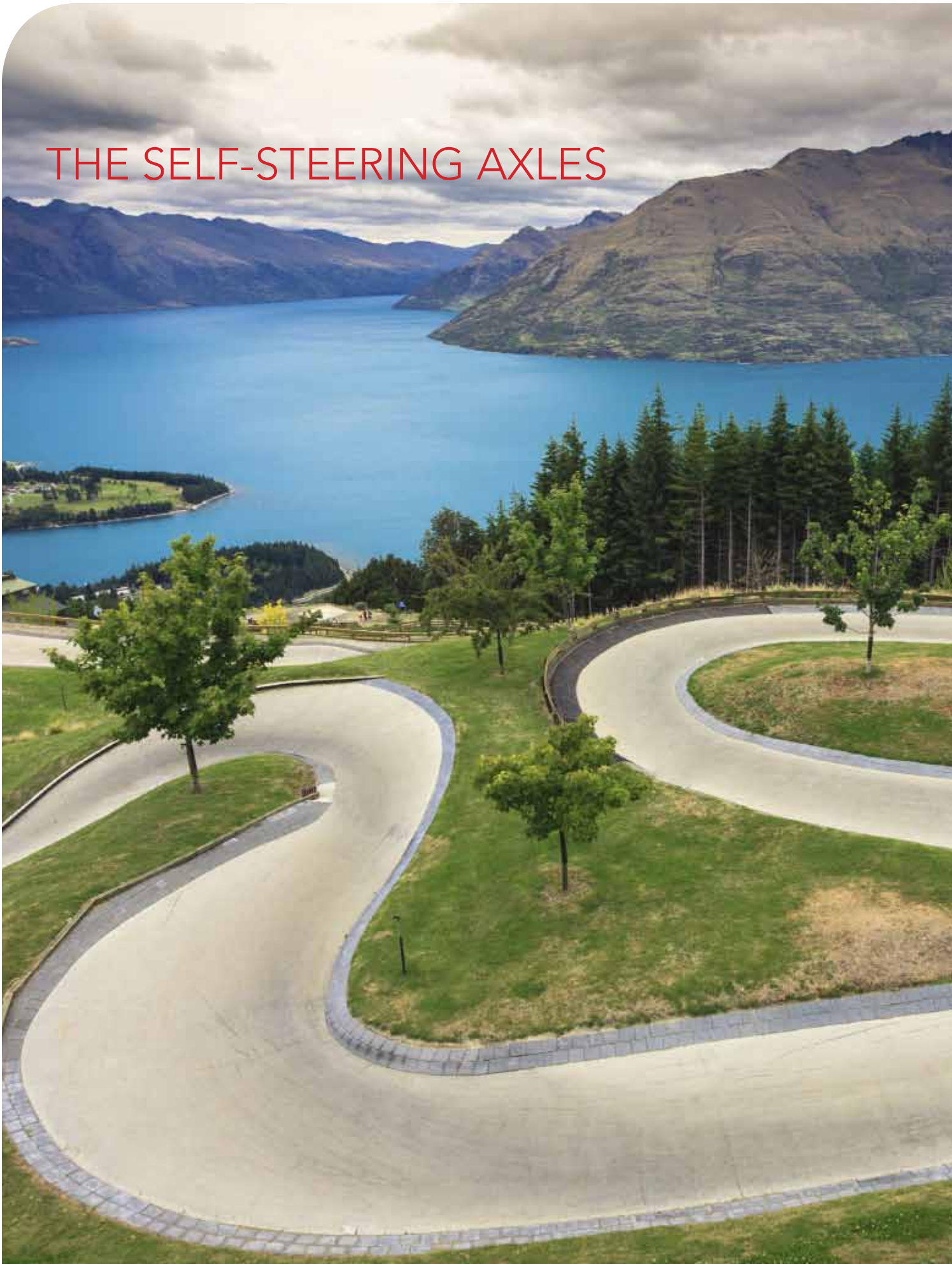


THE SELF-STEERING AXLES





The costs for fuel and maintenance of vehicles are an increasing component of the running costs for a transport company.

> Fuel economy.

Fuel prices are influencing the costs of transport. Something can be done only by reducing consumption. The steering axle greatly improve the performance of trailers and semi-trailers, especially over mixed routes, the motor vehicle is less stressed, and reduces fuel consumption.

> Lower expenses for the tires.

Thanks to steering axles tyres have a longer life: a double benefit for the carriers who drive more kilometres with a set of tyres and have less downtime, because steering axles save the tyre wear. Even recycled tires can be used with increased safety.

> Smoother and safer drive.

The characteristics of the steering axle are useful especially when great manoeuvrability and flexibility are required - for example in local traffic and of distribution: precise manoeuvres, less damage from bumps, more safety and efficiency.

The device for the wheels' alignment and pneumatic latch are an useful aid for precision and safety also when reverse driving.

> ADR range of steering axle.

BM Series for capacities up to 7,5 tons

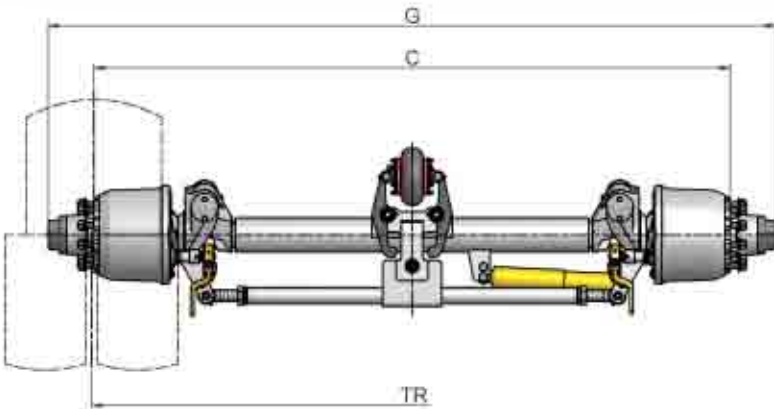
BT Series for capacities up to 12 tons

BW series for capacities up to 15 tons

BX series for capacities up to 22 tons, specific special vehicles for yard or harbour.

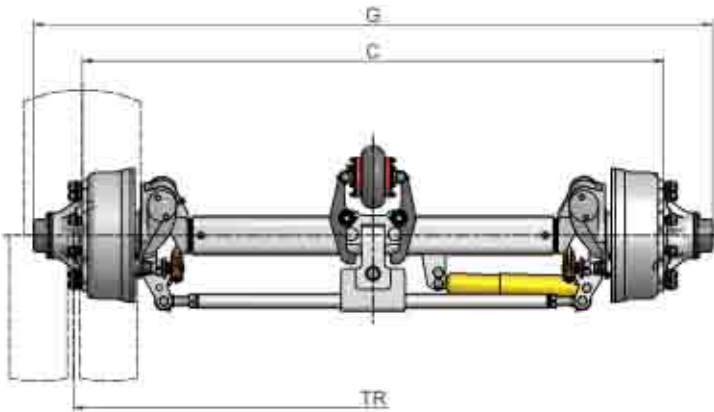


SELF STEERING AXLES WITH 300 MM DRUM BRAKE



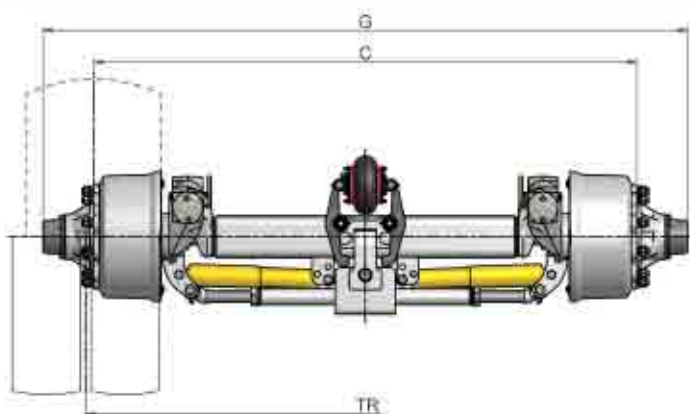
TYPE	CAPACITY	BRAKE	AXLE BEAM	WHEEL CONNECTION	MINIMUM WHEEL	TWIN WHEEL FACE TO FACE C	TWIN WHEEL TRACK TR	SINGLE WHEEL TRACK C	OVERALL WIDTH G	WEIGHT Kg
BMS1RF8KB	5500	310E	○ 110	8xM20x1,5 - 220/275	17,5"/19,5"	1820	1850	2040	2306	178
BMS1RFRKB	5500	310E	○ 110	10xM22x1,5 - 175/225	17,5"/19,5"	1820	1850	2040	2306	180
BMS1RF8KB	7500	314E	□ 110	8xM20x1,5 - 220/275	17,5"/19,5"	1820	1850	2040	2306	308
BMS1RFRKB	7500	314E	□ 110	10xM22x1,5 - 175/225	17,5"/19,5"	1820	1850	2040	2306	310
BTS1RF8PA	7500	316	□ 110	8xM20x1,5 - 220/275	17,5"/19,5"	1820	1850	2040	2040	238
BTS1RFRPA	7500	316	□ 110	10xM22x1,5 - 175/225	17,5"/19,5"	1820	1850	2040	2306	335
BTS2XL8MA	12000	3020S	□ 120	8xM20x1,5 - 220/275	17,5"/19,5"	1820	1850	2040	2040	305
BTS2XL8MA	12000	3020S	□ 120	10xM22x1,5 - 175/225	17,5"/19,5"	1820	1850	2040	2357	425
BTR2XL8MA	12000	3020S	○ 127	10xM22x1,5 - 175/225	17,5"/19,5"	1820	1850	2040	2357	440

SELF STEERING AXLES WITH 400 TO 420 MM DRUM BRAKE



TYPE	CAPACITY	BRAKE	AXLE BEAM	WHEEL CONNECTION	MINIMUM WHEEL	TWIN WHEEL FACE TO FACE C	TWIN WHEEL TRACK TR	SINGLE WHEEL TRACK C	OVERALL WIDTH G	WEIGHT Kg
BTS2RW8VC	10000	412E	□ 120	8xM20x1,5 - 220/275	20"/22,5"	1820	1850	2040	2346	305
BTS2RW1VC	10000	412E	□ 120	10xM22x1,5 - 175/225	20"/22,5"	1820	1850	2040	2346	405
BTS2RW1XC	10000	4218E	□ 120	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2346	432
BTS2RW1YC	10000	4220E	□ 120	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2346	458
BTS2XL8WC	12000	414E	□ 120	8xM20x1,5 - 220/275	20"/22,5"	1820	1850	2040	2357	342
BTS2XL1WC	12000	414E	□ 120	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	442
BTR2XL8WC	12000	414E	□ 120	8xM20x1,5 - 220/275	20"/22,5"	1820	1850	2040	2357	342
BTR2XL1WC	12000	414E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	453
BTS2XL1XC	12000	4218E	□ 120	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	438
BTS5XL1XC	12000	4218E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	454
BTS5XL1YC	12000	4220E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	478
BTR2XL1XC	12000	4218E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	447
BTR2XL1YC	12000	4220E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2357	469

HEAVY DUTY SELF STEERING AXLES WITH DRUM BRAKE

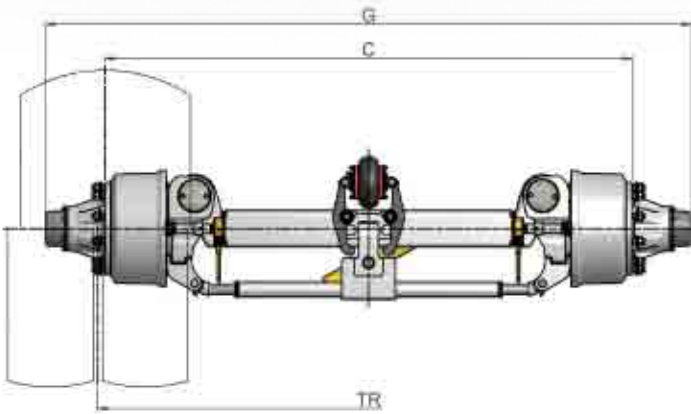


TYPE	CAPACITY	BRAKE	AXLE BEAM	WHEEL CONNECTION	MINIMUM WHEEL	TWIN WHEEL FACE TO FACE C	TWIN WHEEL TRACK TR	SINGLE WHEEL TRACK C	OVERALL WIDTH G	WEIGHT Kg
BWS5PB1YC	13000	4220E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2040	392
BWR2PB1YC	13000	4220E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2340	392
BWS5PF1YC	15000	4220E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2040	398
BWR2PF1YC	15000	4220E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2340	398
BWS5ZA1YC	18000	4220E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2529	423
BWR5ZA1YC	18000	4220E	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2529	423
BWR4ZA1YC	18000	4220E	○ 146	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2040	423
BWS5ZA1ZE	18000	5218E	□ 150	10xM22x1,5 - 280/335	25"	1820	1850	2040	2040	509

SELF STEERING AXLES WITH OUTBOARD DRUM BRAKE

TYPE	CAPACITY	BRAKE	AXLE BEAM	WHEEL CONNECTION	MINIMUM WHEEL	TWIN WHEEL FACE TO FACE C	TWIN WHEEL TRACK TR	SINGLE WHEEL TRACK C	OVERALL WIDTH G	WEIGHT Kg
BWS5ZL1YG	13000	4515Q	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2354	482
BWS5PL1YL	13000	4516Q	○ 127	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2358	503

SELF STEERING AXLES WITH DRUM BRAKE FOR SPECIAL PURPOSES



TYPE	CAPACITY	BRAKE	AXLE BEAM	WHEEL CONNECTION	MINIMUM WHEEL	TWIN WHEEL FACE TO FACE C	TWIN WHEEL TRACK TR	SINGLE WHEEL TRACK C	OVERALL WIDTH G	WEIGHT Kg
BXE5WA1YC	22000	4220E	□ 150	10xM22x1,5 - 280/335	20"/22,5"	1820	1850	2040	2526	616
BXE5WA1ZE	22000	5218E	□ 150	10xM22x1,5 - 280/335	25"	1820	1850	2040	2526	702