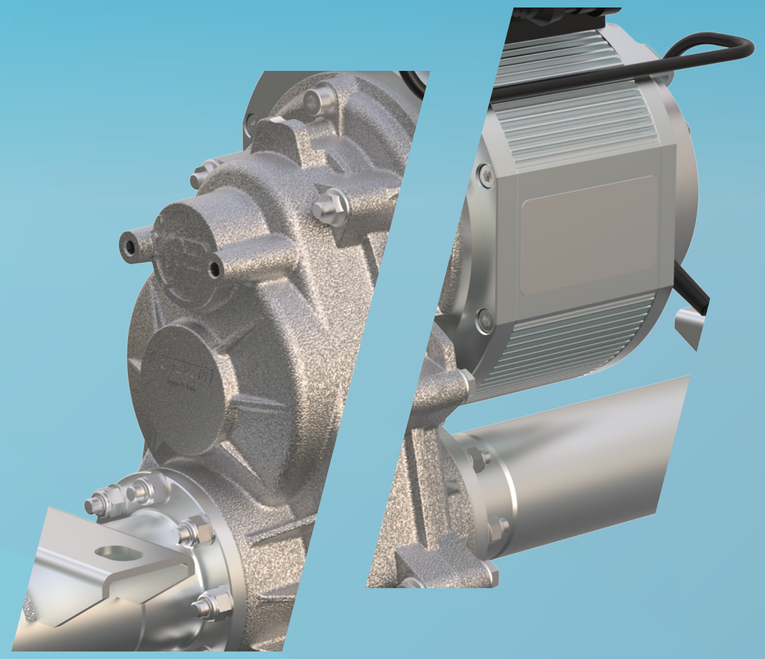


TX1 SERIE
Electric Transaxles

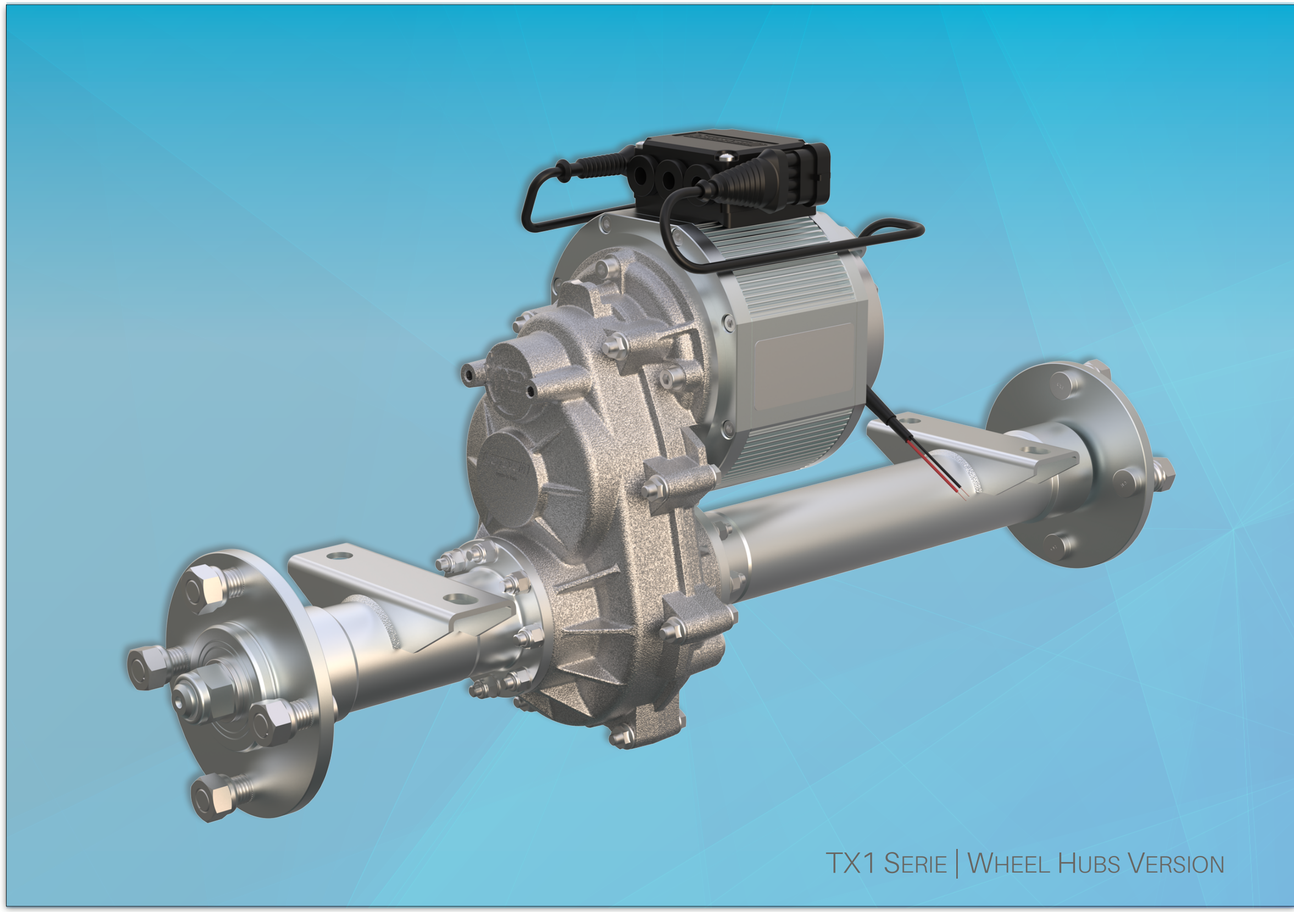
Contents

Welcome to TX1 Serie

TX1 Serie consists in high performance electric transaxles for battery powered vehicles. Powertrain includes a gearbox with differential (diff-lock optional), rigid axle, brake system and electric motor.

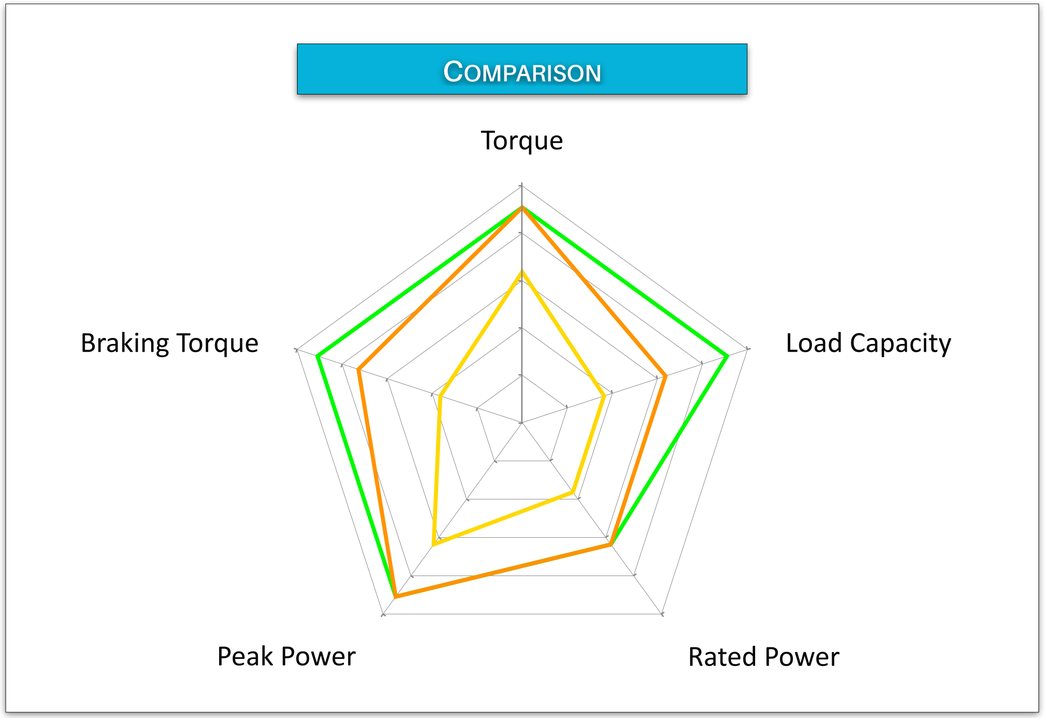
Application Sectors

AGRICULTURE | CLEANING | MATERIAL HANDLING | EMOBILITY | CONSTRUCTION

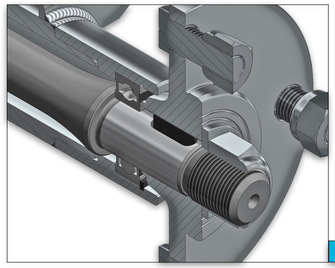


	TX1 SERIE	TX1 SERIE PLUS	TX1 SERIE MAX
Load Capacity	400 kg	600 kg	800 kg
Torque Peak	400 Nm	600 Nm	600 Nm
Motor Power Rated	0,6 to 1,2 kW	0,6 to 3,0 kW	0,6 to 3,0 kW
Motor Power Peak	0,8 to 3,2 kW	3,2 to 10,0 kW	3,2 to 10,0 kW
Motor Voltage	24 to 80 V	24 to 600 V	24 to 600 V
Motor Type	DC | AC Induction	AC Induction | Synchronous IPM	AC Induction | Synchronous IPM
IP Rating	IP 54 to 67	IP 54 to 6K9K	IP 54 to 6K9K
Efficiency (Electrical)	70 to 80%	80 to 95%	80 to 95%
Efficiency (Mechanical)	95%		
Available Ratios	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32		
Input Speed Max	7.200 rpm		
Axle Width	400 to 1.380 mm		
Wheel Fitting	Hub Piloted 3 - 4 - 5 Studs		
Service Brakes	Hydraulic and/or Mechanical		
Parking Brakes	Electromagnetic and/or Mechanical		
Fixation System	Mounting Brackets		
Lubrication	0,25 l Mobil 1 SHC 75W90 Oil		

1 Serie. 3 Families

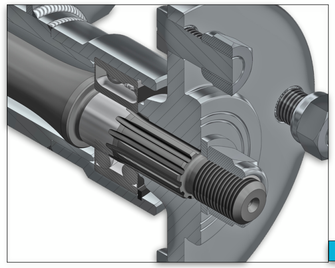


TX1 SERIE — TX1 SERIE PLUS — TX1 SERIE MAX



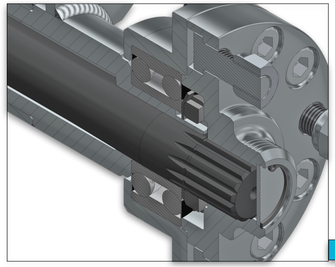
TX1 SERIE

Entry-level version, with semi-floating keyed axle shafts and standard ball bearing on wheels.



TX1 SERIE PLUS

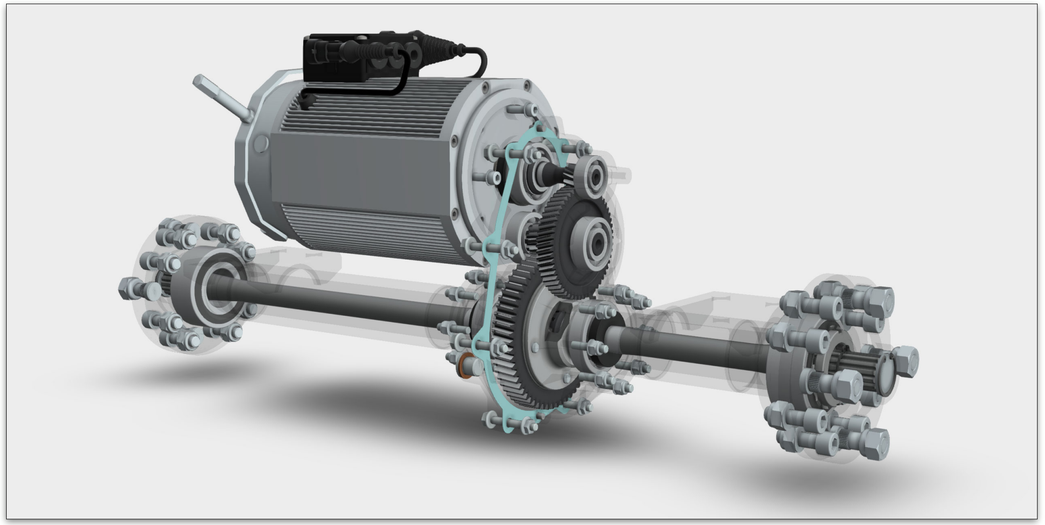
Best-selling version with semi-floating splined axle shaft and strong double row angular-contact bearing on wheels.



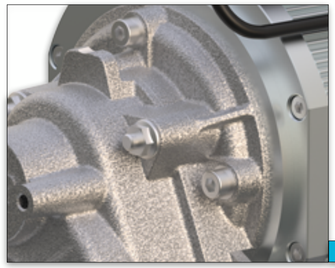
TX1 SERIE MAX

Most powerful version with full-floating axle and double row angular-contact bearing on wheels.

Features

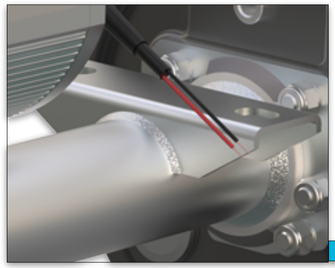


TX1 Serie is an entirely new electric transaxle. It packs outrageous performance, stunning silence and new capabilities, it delivers furthermore unbelievable power efficiency, a major breakthrough for your electric vehicles.



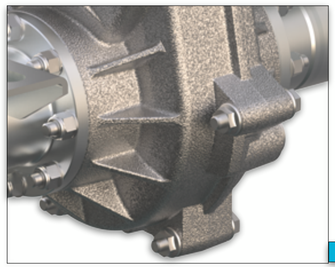
Gears Class

Class 5 gears with optimized design ensure the highest level of efficiency and quiet operations to your e-vehicle.



Modularity

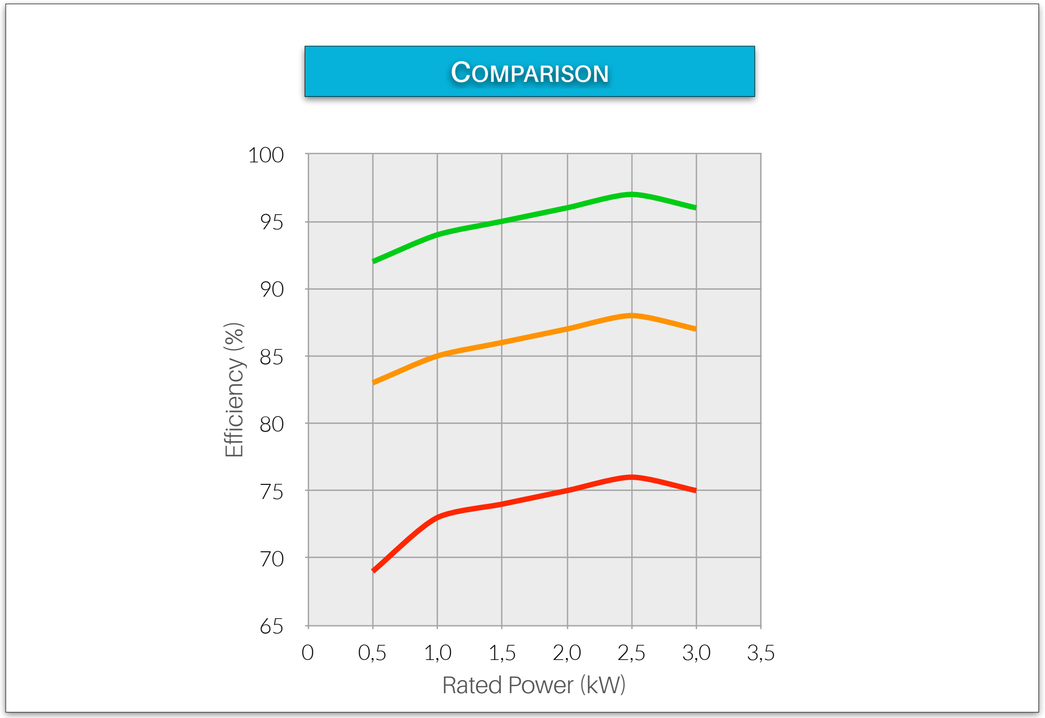
Modular system covers needs of electric vehicle manufacturers thanks to thirteen standard mounting position.



Rugged Design

Robust gearbox design & construction enable large payload minimizes weight and dimensions. Stunningly compact.

Motor Options



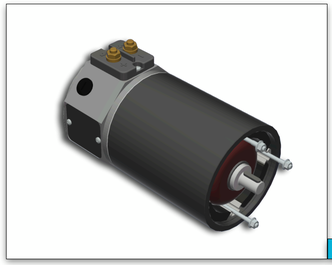
SMAC SERIE — AMAC SERIE — PMDC SERIE

SMAC SERIE

Synchronous IPM motors, interior permanent magnets ensure constant torque and highest power density.

AMAC SERIE

AC Induction motors ensure great flexibility of installation and great performances.

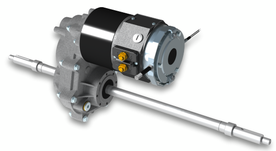


PMDC SERIE

DC permanent magnets ferrite motors ensure good performance for small powers, ideal for entry level solutions.

All Models

TX1 SERIE



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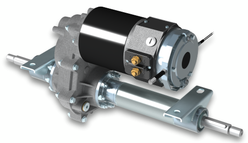

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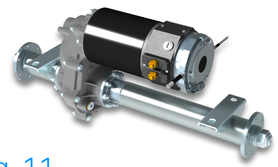

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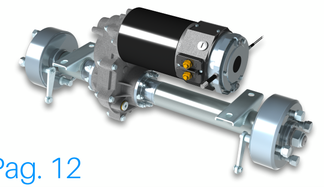

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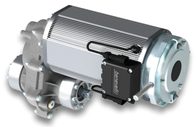
TX1 SERIE PLUS



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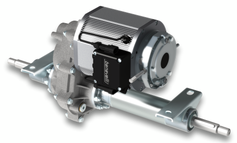

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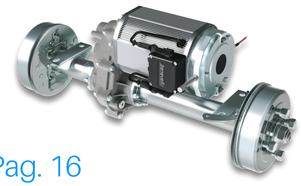

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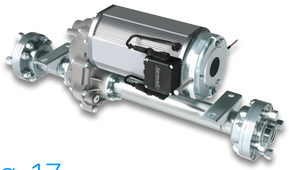
TX1 SERIE MAX



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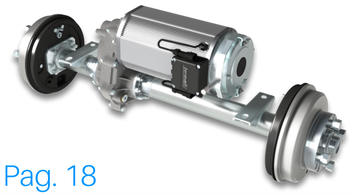

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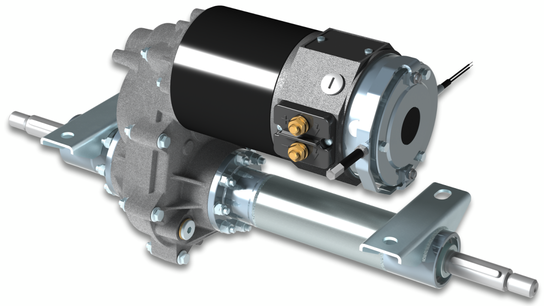
Floating Version

TX1 SERIE TX1 TX1 TX1 TX1 TX1 TX1 TX1 TX1 TX1

Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	400	
	Input Speed (Max)	Rpm	5.000	
	Static Load	kg	n/a	
	Axle Type		Semi floating keyed axle-shafts	
	Track-width	mm	n/a	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		n/a	
	Service Brakes		n/a	
	Fixation System		n/a	
	Wheels Fitting		n/a	
Motor	Motor Type		PMDC Serie	AMAC Serie
	Motor Technology		DC Permanent Magnet	AC Induction
	Power Range (Rated)	kW	0,5 ÷ 0,8	0,6 ÷ 1,7
	Power Range (Peak)	kW	Up to 1,5	Up to 3,2
	Rated Voltage	V	24 ÷ 48	24 ÷ 600
	IP Rating	IP	20 - 54	20 - 54 - 66 - 67
	Motor Feedback		n/a	Hall effect 64 pulses
	Thermal Class		F	F
	Thermal Protection		n/a	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 12	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		n/a	
	Brake Cylinder Ø	mm	n/a	
	Volume Displ.	Cc	n/a	
	Braking Torque	Nm	n/a	
	Input Pressure	bar	n/a	
	Brake Shoes	mm	n/a	
	Brake Linings		n/a	
	Adjusting system		n/a	

Rigid Axle Version

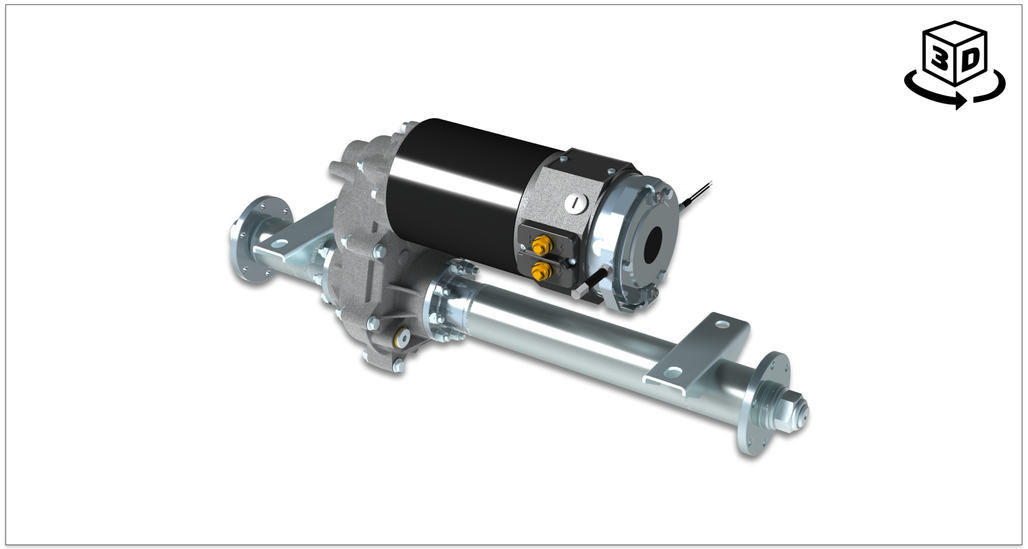
TX1 TX1 SERIE TX1 TX1 TX1 PLUS TX1 PLUS TX1 PLUS TX1 PLUS TX1 MAX TX1 MAX



Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	400	
	Input Speed (Max)	Rpm	5.000	
	Static Load	kg	400	
	Axle Type		Semi floating keyed axle-shafts	
	Track-width	mm	400 ÷ 1380	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		Mechanical (option)	
	Service Brakes		n/a	
	Fixation System		Mounting brackets	
	Wheels Fitting		Keyed axle-shafts	
Motor	Motor Type		PMDC Serie	AMAC Serie
	Motor Technology		DC Permanent Magnet	AC Induction
	Power Range (Rated)	kW	0,5 ÷ 0,8	0,6 ÷ 1,7
	Power Range (Peak)	kW	Up to 1,5	Up to 3,2
	Rated Voltage	V	24 ÷ 48	24 ÷ 600
	IP Rating	IP	20 - 54	20 - 54 - 66 - 67
	Motor Feedback		n/a	Hall effect 64 pulses
	Thermal Class		F	F
	Thermal Protection		n/a	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 12	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		n/a	
	Brake Cylinder Ø	mm	n/a	
	Volume Displ.	Cc	n/a	
	Braking Torque	Nm	n/a	
	Input Pressure	bar	n/a	
	Brake Shoes	mm	n/a	
	Brake Linings		n/a	
	Adjusting system		n/a	

Wheel Hubs Version

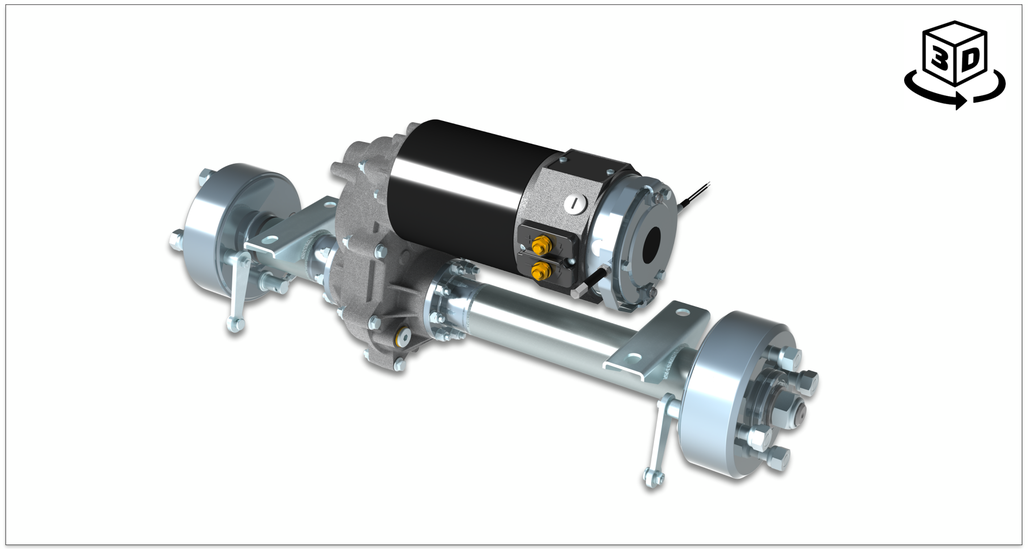
TX1 TX1 TX1 SERIE TX1 TX1 PLUS TX1 PLUS TX1 PLUS TX1 PLUS TX1 MAX TX1 MAX



Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	400	
	Input Speed (Max)	Rpm	5.000	
	Static Load	kg	400	
	Axle Type		Semi floating keyed axle-shafts	
	Track-width	mm	400 ÷ 1380	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		Mechanical (option)	
	Service Brakes		n/a	
	Fixation System		Mounting brackets	
	Wheels Fitting		Hub piloted 3 - 4 - 5 studs	
Motor	Motor Type		PMDC Serie	AMAC Serie
	Motor Technology		DC Permanent Magnet	AC Induction
	Power Range (Rated)	kW	0,5 ÷ 0,8	0,6 ÷ 1,7
	Power Range (Peak)	kW	Up to 1,5	Up to 3,2
	Rated Voltage	V	24 ÷ 48	24 ÷ 600
	IP Rating	IP	20 - 54	20 - 54 - 66 - 67
	Motor Feedback		n/a	Hall effect 64 pulses
	Thermal Class		F	F
	Thermal Protection		n/a	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 12	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		n/a	
	Brake Cylinder Ø	mm	n/a	
	Volume Displ.	Cc	n/a	
	Braking Torque	Nm	n/a	
	Input Pressure	bar	n/a	
	Brake Shoes	mm	n/a	
	Brake Linings		n/a	
	Adjusting system		n/a	

Drum Brakes Version

TX1 TX1 TX1 TX1 SERIE TX1 PLUS TX1 PLUS TX1 PLUS TX1 PLUS TX1 MAX TX1 MAX



Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	400	
	Input Speed (Max)	Rpm	5.000	
	Static Load	kg	400	
	Axle Type		Semi floating keyed axle-shafts	
	Track-width	mm	400 ÷ 1380	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		Mechanical (option)	
	Service Brakes		Mechanical	
	Fixation System		Mounting brackets	
	Wheels Fitting		Hub piloted 3 - 4 - 5 studs	
Motor	Motor Type		PMDC Serie	AMAC Serie
	Motor Technology		DC Permanent Magnet	AC Induction
	Power Range (Rated)	kW	0,5 ÷ 0,8	0,6 ÷ 1,7
	Power Range (Peak)	kW	Up to 1,5	Up to 3,2
	Rated Voltage	V	24 ÷ 48	24 ÷ 600
	IP Rating	IP	20 - 54	20 - 54 - 66 - 67
	Motor Feedback		n/a	Hall effect 64 pulses
	Thermal Class		F	F
	Thermal Protection		n/a	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 12	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		n/a	
	Brake Cylinder Ø	mm	n/a	
	Volume Displ.	Cc	n/a	
	Braking Torque	Nm	360	
	Max Force at Lever	N	500	
	Brake Shoes	mm	124 x 25	
	Brake Linings		Beral 1109	
	Adjusting system		n/a	

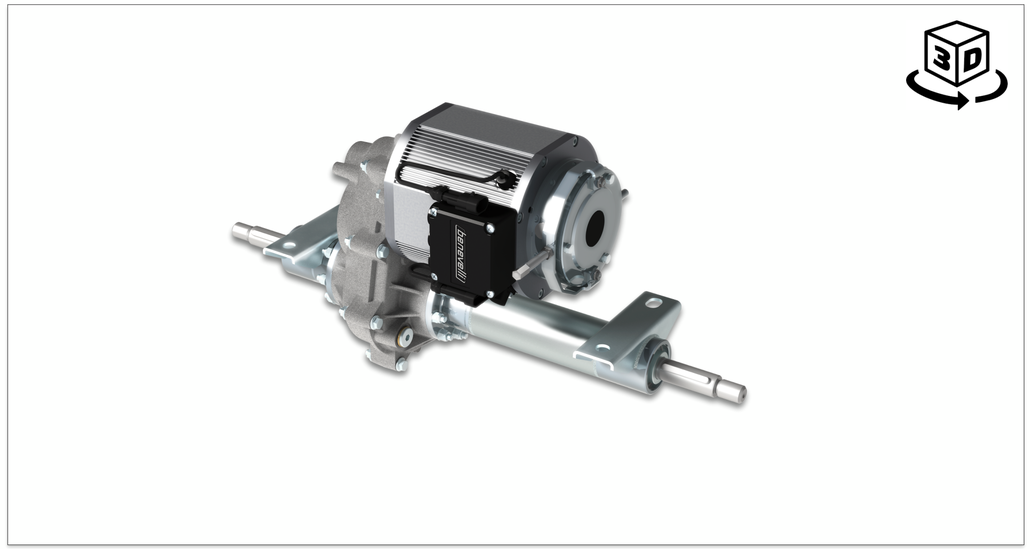
CVJ Version

Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32
	Output Torque	Nm	600
	Input Speed (Max)	Rpm	7.000
	Static Load	kg	600
	Axle Type		n/a
	Track-width	mm	n/a
	Efficiency (Mech)	%	95
	Gears Finishing		Class 5
	Differential Type		Open type with four pinions
	Differential Lock		Mechanical (option)
	Service Brakes		n/a
	Fixation System		n/a
	Wheels Fitting		n/a

Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option

Brakes	Brake Fluid Type		n/a
	Brake Cylinder Ø	mm	n/a
	Volume Displ.	Cc	n/a
	Braking Torque	Nm	n/a
	Input Pressure	bar	n/a
	Brake Shoes	mm	n/a
	Brake Linings		n/a
	Adjusting system		n/a

Rigid Axle Version

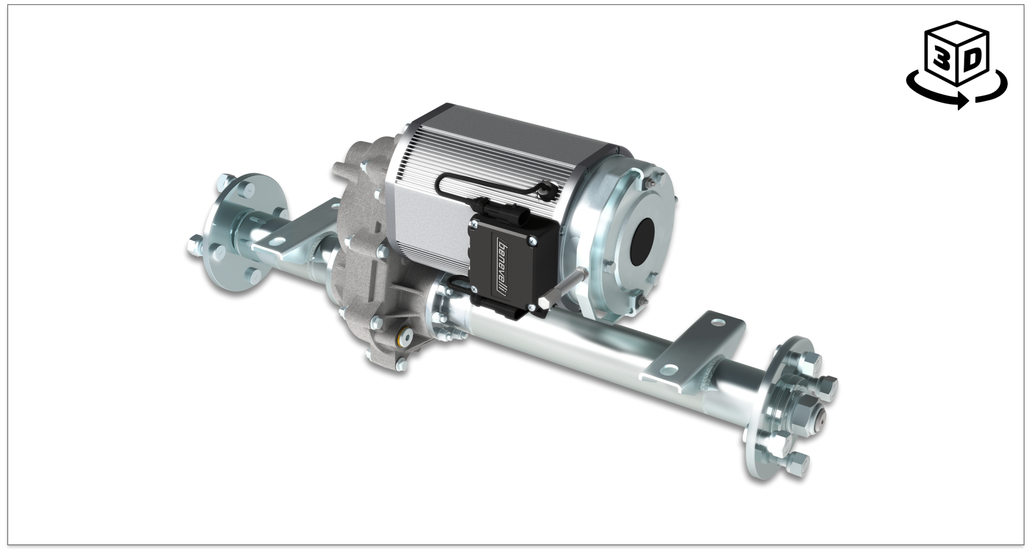


Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32
	Output Torque	Nm	600
	Input Speed (Max)	Rpm	7.000
	Static Load	kg	600
	Axle Type		Semi floating keyed axle-shafts
	Track-width	mm	400 ÷ 1380
	Efficiency (Mech)	%	95
	Gears Finishing		Class 5
	Differential Type		Open type with four pinions
	Differential Lock		Mechanical (option)
	Service Brakes		n/a
	Fixation System		Mounting brackets
	Wheels Fitting		Keyed axle-shafts

Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option

Brakes	Brake Fluid Type		n/a
	Brake Cylinder Ø	mm	n/a
	Volume Displ.	Cc	n/a
	Braking Torque	Nm	n/a
	Input Pressure	bar	n/a
	Brake Shoes	mm	n/a
	Brake Linings		n/a
	Adjusting system		n/a

Wheel Hubs Version

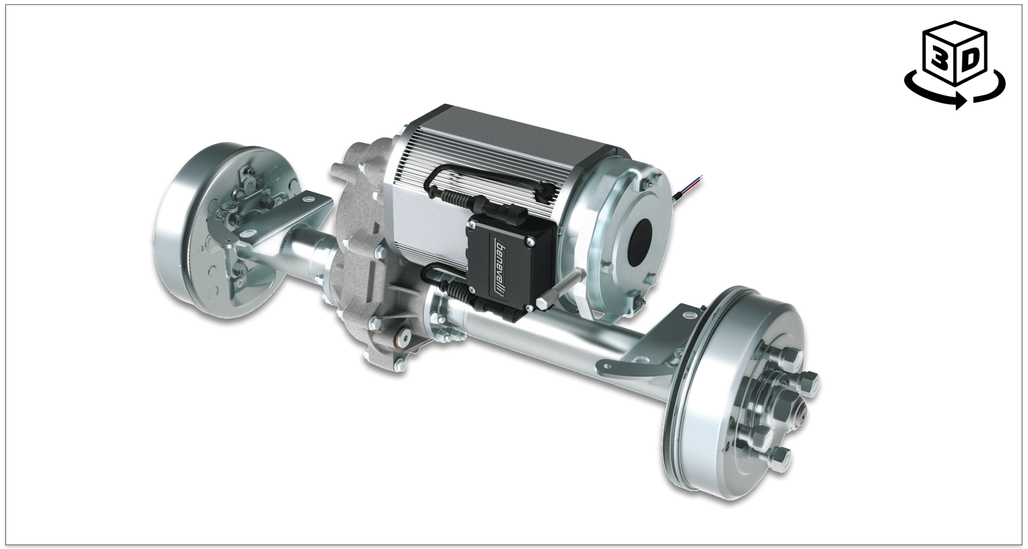


Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32
	Output Torque	Nm	600
	Input Speed (Max)	Rpm	7.000
	Static Load	kg	600
	Axle Type		Semi-floating spline axle-shafts
	Track-width	mm	400 ÷ 1380
	Efficiency (Mech)	%	95
	Gears Finishing		Class 5
	Differential Type		Open type with four pinions
	Differential Lock		Mechanical (option)
	Service Brakes		n/a
	Fixation System		Mounting brackets
	Wheels Fitting		Hub piloted 3 - 4 - 5 studs

Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option

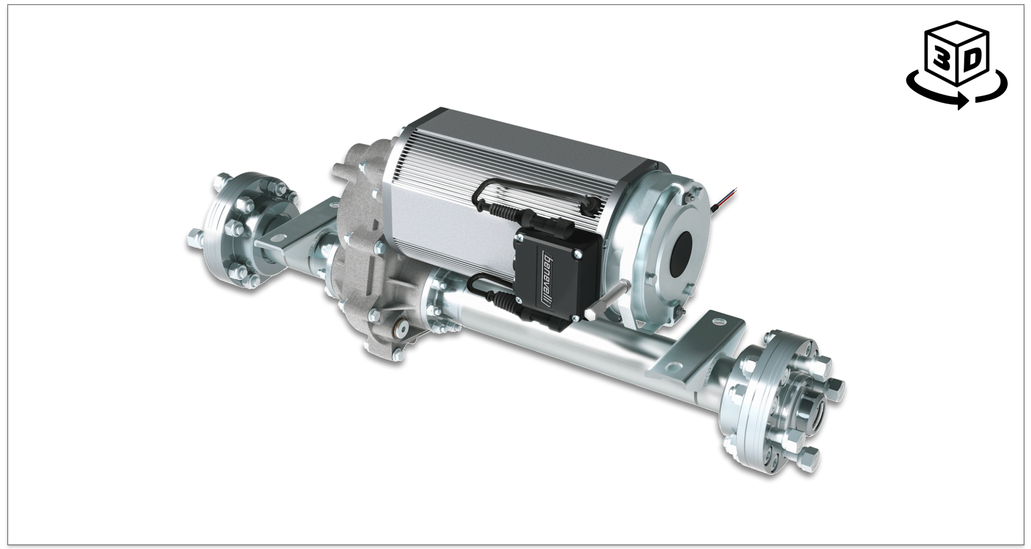
Brakes	Brake Fluid Type		n/a
	Brake Cylinder Ø	mm	n/a
	Volume Displ.	Cc	n/a
	Braking Torque	Nm	n/a
	Input Pressure	bar	n/a
	Brake Shoes	mm	n/a
	Brake Linings		n/a
	Adjusting system		n/a

Drum Brakes Version



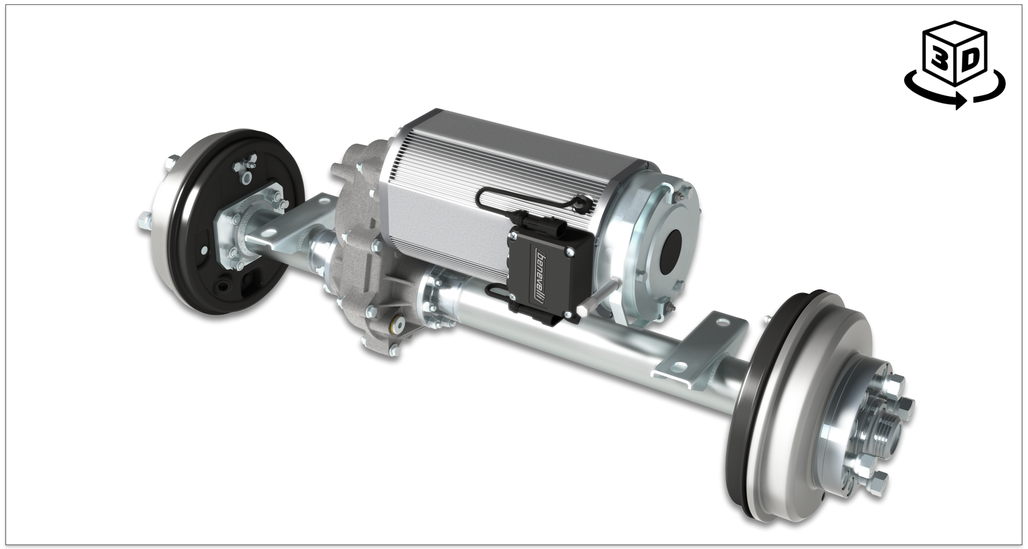
Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	600	
	Input Speed (Max)	Rpm	7.000	
	Static Load	kg	600	
	Axle Type		Semi-floating spline axle-shafts	
	Track-width	mm	400 ÷ 1380	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		Mechanical (option)	
	Service Brakes		Hydraulic	
	Fixation System		Mounting brackets	
	Wheels Fitting		Hub piloted 3 - 4 - 5 studs	
Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		DOT4	
	Brake Cylinder Ø	mm	16	
	Volume Displ.	Cc	1,5 ÷ 1,7	
	Braking Torque	Nm	480	
	Input Pressure	bar	90	
	Brake Shoes	mm	160 x 40	
	Brake Linings		Beral 1109	
	Adjusting system		Self-registering	

Wheel Hubs Version



Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32	
	Output Torque	Nm	600	
	Input Speed (Max)	Rpm	7.000	
	Static Load	kg	800	
	Axle Type		Full-floating spline axle-shafts	
	Track-width	mm	400 ÷ 1380	
	Efficiency (Mech)	%	95	
	Gears Finishing		Class 5	
	Differential Type		Open type with four pinions	
	Differential Lock		Mechanical (option)	
	Service Brakes		n/a	
	Fixation System		Mounting brackets	
	Wheels Fitting		Hub piloted 4 studs	
Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option
Brakes	Brake Fluid Type		n/a	
	Brake Cylinder Ø	mm	n/a	
	Volume Displ.	Cc	n/a	
	Braking Torque	Nm	n/a	
	Input Pressure	bar	n/a	
	Brake Shoes	mm	n/a	
	Brake Linings		n/a	
	Adjusting system		n/a	

Drum Brakes Version

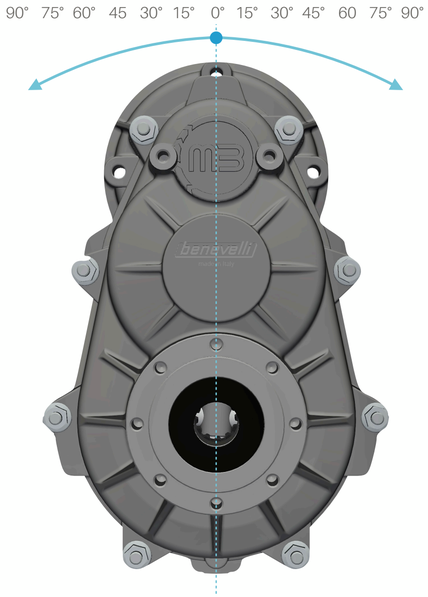


Gearbox	Gear Ratios	i	6 - 10 - 12 - 16 - 19 - 22 - 24 - 28 - 32
	Output Torque	Nm	600
	Input Speed (Max)	Rpm	7.000
	Static Load	kg	800
	Axle Type		Full-floating spline axle-shafts
	Track-width	mm	400 ÷ 1380
	Efficiency (Mech)	%	95
	Gears Finishing		Class 5
	Differential Type		Open type with four pinions
	Differential Lock		Mechanical (option)
	Service Brakes		Hydraulic
	Fixation System		Mounting brackets
	Wheels Fitting		Hub piloted 4 studs

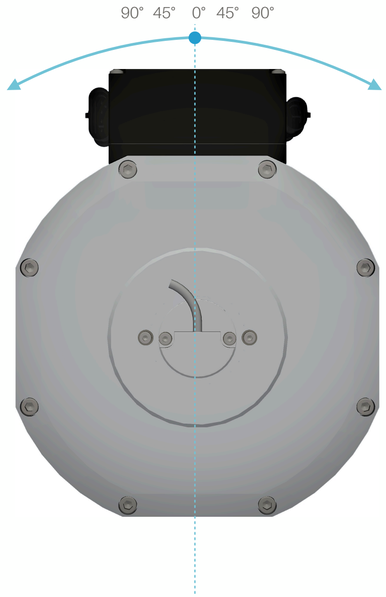
Motor	Motor Type		AMAC Serie	SMAC Serie
	Motor Technology		AC Induction	Synchronous IPM
	Power Range (Rated)	kW	0,6 ÷ 1,7	1,5 ÷ 3,2
	Power Range (Peak)	kW	Up to 3,2	Up to 10,0
	Rated Voltage	V	24 ÷ 600	24 ÷ 600
	IP Rating	IP	20 - 54 - 66 - 67	20 - 54 - 66 - 67 - 6K9K
	Motor Feedback		Hall effect 64 pulses	SinCos (resolver option)
	Thermal Class		F	F
	Thermal Protection		PTY 84-130	PTY 84-130
	Connections		Terminal box	Terminal box
	Parking/Safety Brake		Electromagnetic	Electromagnetic
	Braking Torque	Nm	6 ÷ 20	6 ÷ 20
	Manual Release		Option	Option

Brakes	Brake Fluid Type		DOT4
	Brake Cylinder Ø	mm	22
	Volume Displ.	Cc	0,8 ÷ 1,0
	Braking Torque	Nm	1.000
	Input Pressure	bar	85
	Brake Shoes	mm	180 x 30
	Brake Linings		Bremskerl 5504
	Adjusting system		Self-registering

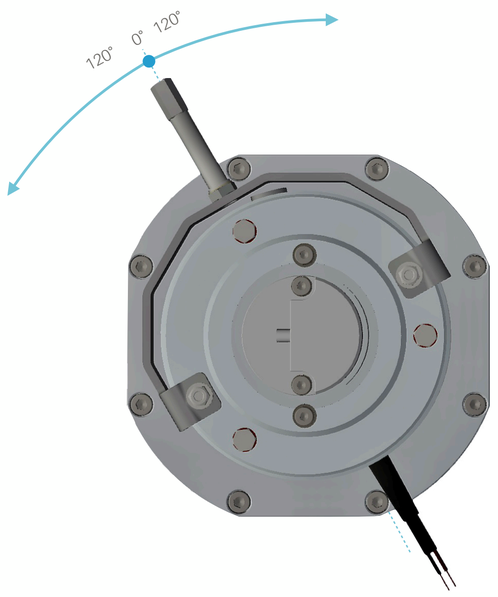
Mounting Options



Gearbox

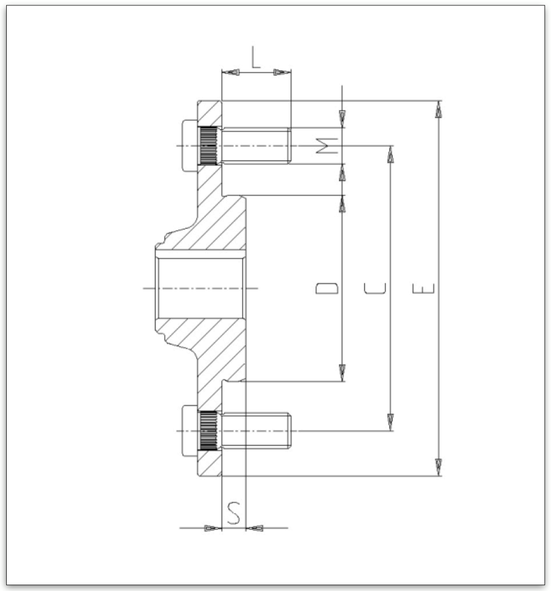


Motor



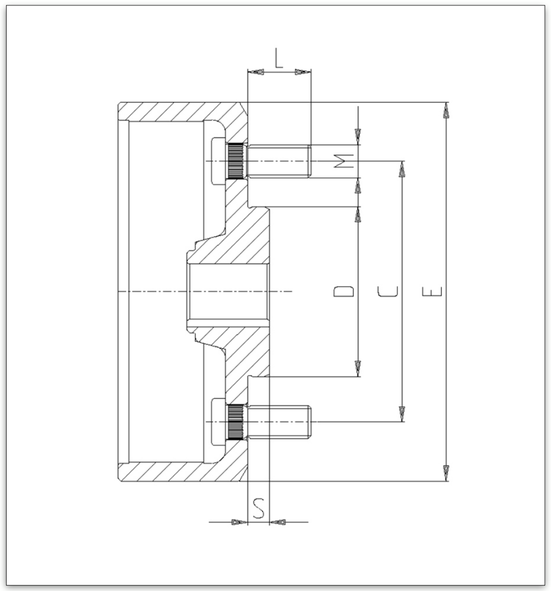
EM Brake

Wheel Hubs Options



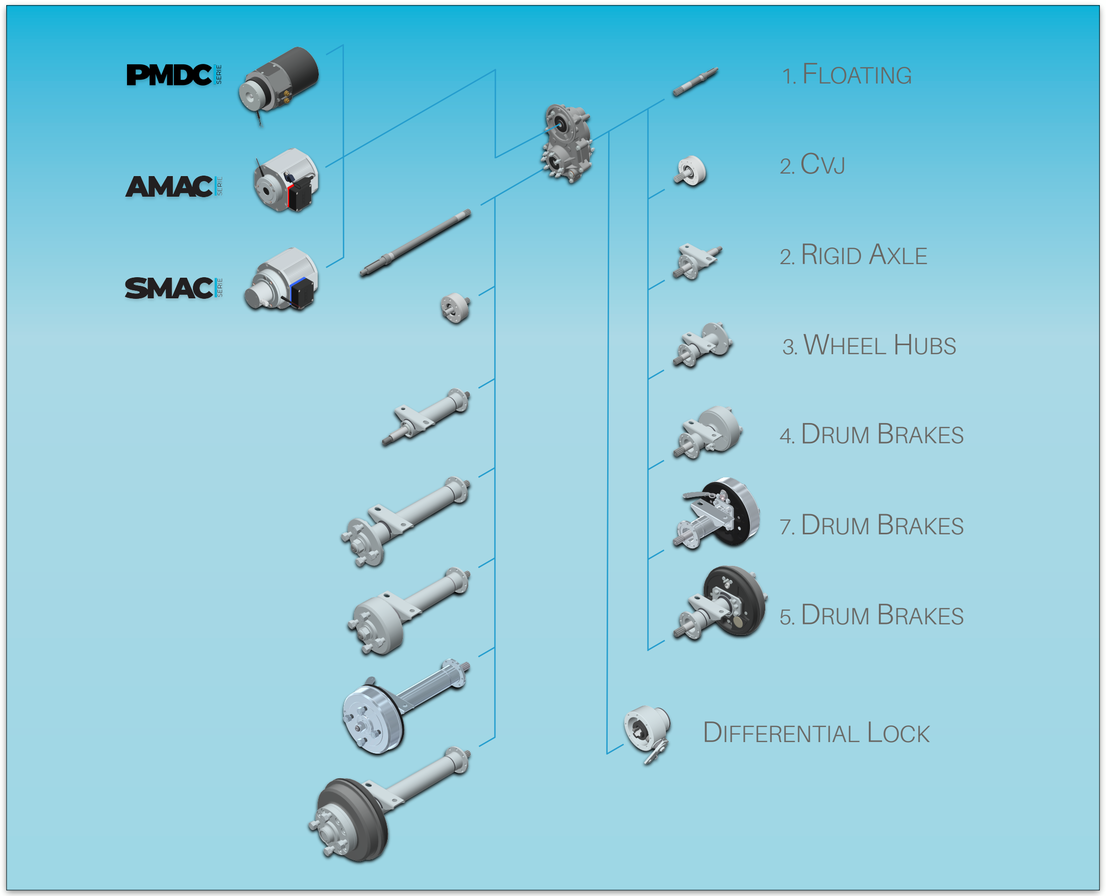
Type	E	D	C	M	N°	S	TX1 SERIE	TX1 SERIE PLUS	TX1 SERIE MAX
Balilla	125	62	95	M12x1,5	4	8	◉	◉	
Fiat	125	58	98	M12x1,5	4	8	◉	◉	
BMW	125	60	100	M12x1,5	4	8	◉	◉	
USA	125	60	101.6	M12x1,5	4	8	◉	◉	
Francia	138	85	115	M10x1,5	4	8	◉	◉	
Special	108	60	90	M8	4	8	◉	◉	
Nerviani	90	40	77	M8	3	8	◉	◉	
Custom 1	84	50	70	M8	4	8	◉	◉	
Vespa 4	100	52	70	M10	4	8	◉		
Custom 2	88	53	68	M8	3	8	◉		
Custom 3	108	60	90	M8	4	8	◉		
Custom 4	111.8	40	88.9	M12x1.5	3	8	◉		
Custom 5	125	50	100	M8	5	8	◉		
Custom 6	138	80	112	M14x1.5	5	8	◉		
Custom 7	84	52	70	M8	4	8		◉	
Custom 8	125	55	100	M12x1.5	4	8			◉
Custom 9	135	66	110	M12x1.5	4	8			◉
Custom 10	154	80	130	M14	4	8			◉
Internat.	168	94	140	M16x1.5	5	8			◉
Tedesco	125	57	100	M12x1.5	4	8			◉

Drum Brakes Options



Type	E	D	C	M	N°	S	TX1 SERIE	TX1 SERIE PLUS	TX1 SERIE MAX
Balilla	138	62	95	M12x1.5	8	4	◉	◉	◉
Fiat	138	58	98	M12x1.5	8	4	◉		◉
BMW	138	60	100	M12x1.5	8	4	◉	◉	◉
USA	125	60	101.6	M12x1.5	4	8		◉	◉
Tedesco	125	57	100	M12x1.5	4	8			◉
Internat.	164	94	140	M16x1.5	5	8			◉
Francia	138	85	115	M10	4	8			◉
Custom 1	125	55	100	M12x1.5	4	8			◉
Custom 2	135	66	110	M12x1.5	4	8			◉
Custom 3	154	80	130	M14	4	8			◉
Custom 4	175	60	100	M12x1.5	4	8		◉	
Custom 5	175	60	101.6	M10x1.25	4	8		◉	

Order Code



Coding	Product Category	
91	Electric Transaxles	
	Serie	
1	TX1 Serie	
	Gear Ratio	
1	1:10,96	
2	1:16,37	
3	1:21,96	
4	1:23,57	
5	1:31,64	
6	1:6,43	
7	1:9,60	
8	1:12,89	
9	1:15,79	
A	1:28,50	
B	1:19,79	
	Electric Motor	Available On
0	None	TX1 TX1 PLUS TX1 MAX
1	PMDC Serie	TX1
2	PMDC Serie + EM Brake	TX1
7	AMAC Serie	TX1 TX1 PLUS TX1 MAX
8	AMAC Serie + EM Brake	TX1 TX1 PLUS TX1 MAX
9	SMAC Serie	TX1 PLUS TX1 MAX
A	SMAC Serie + EM Brake	TX1 PLUS TX1 MAX
	Configuration	Available On
0	None	TX1 TX1 PLUS TX1 MAX
1	Floating	TX1
2	Cvj |Rigid axle	TX1 TX1 PLUS
3	Wheel hubs	TX1 TX1 PLUS TX1 MAX
4	Drum brakes	TX1
5	Drum brakes	TX1 MAX
7	Drum brakes	TX1 PLUS

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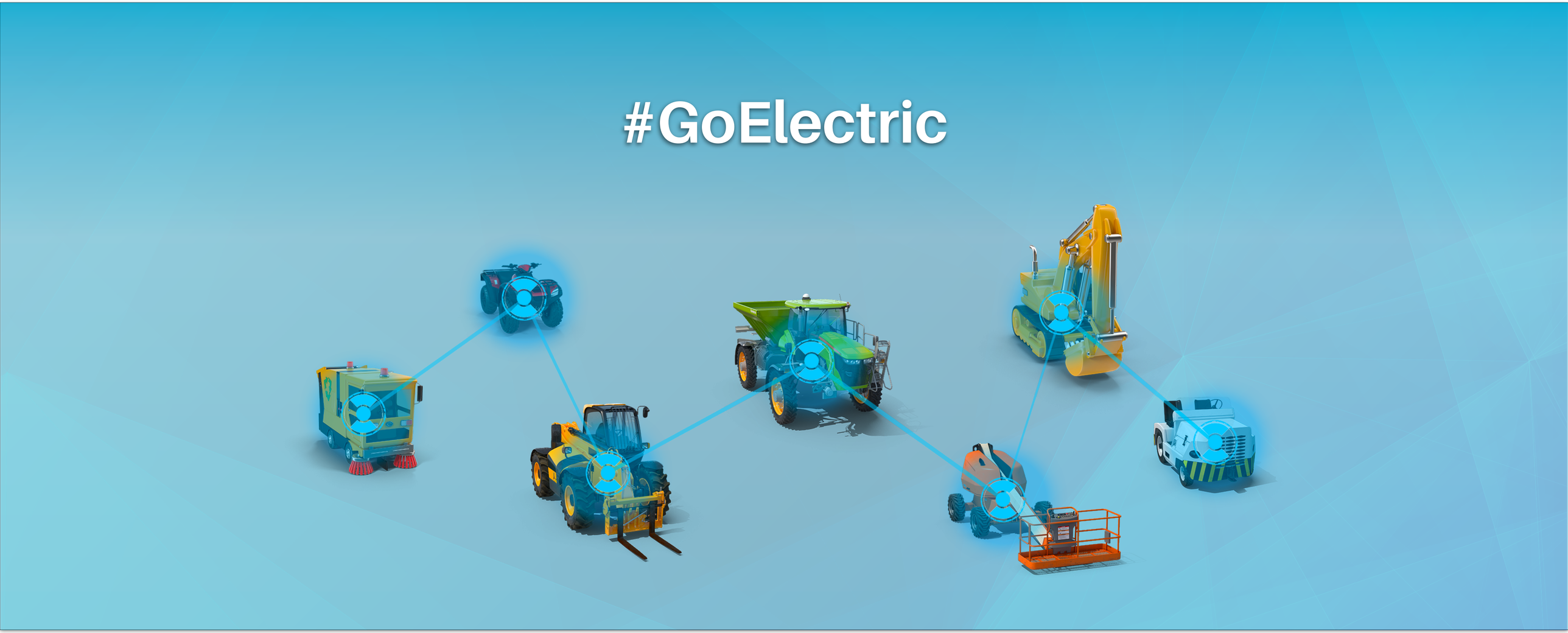

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