

Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants	[mm]
12 TX 2610 SO	max. 2,600	≈ 254	≈ 12.5	TE-ML 02	from 866
12 TX 3420 SO	max. 3,400	≈ 268	≈ 13.5	TE-ML 02	from 898

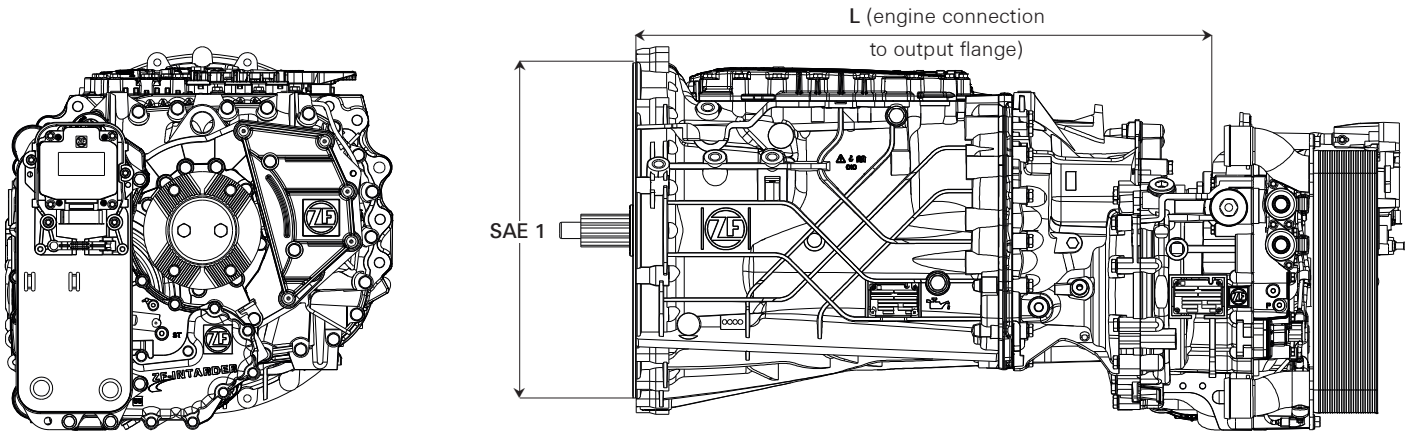
Standard ratios in gear

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
2610	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04
3420	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- Automatic transmission system for heavy duty special vehicles and applications
- PreVision GPS driving strategy
- New software functions for enhanced comfort
- Optional clutch-dependent PTO and emergency steering pump available

TraXon (with Intarder)



Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants	[mm]
12 TX 2611 SO	max. 2,600	≈ 333	≈ 22.5	TE-ML 02	from 866
12 TX 3421 SO	max. 3,400	≈ 359	≈ 23.5	TE-ML 02	from 898

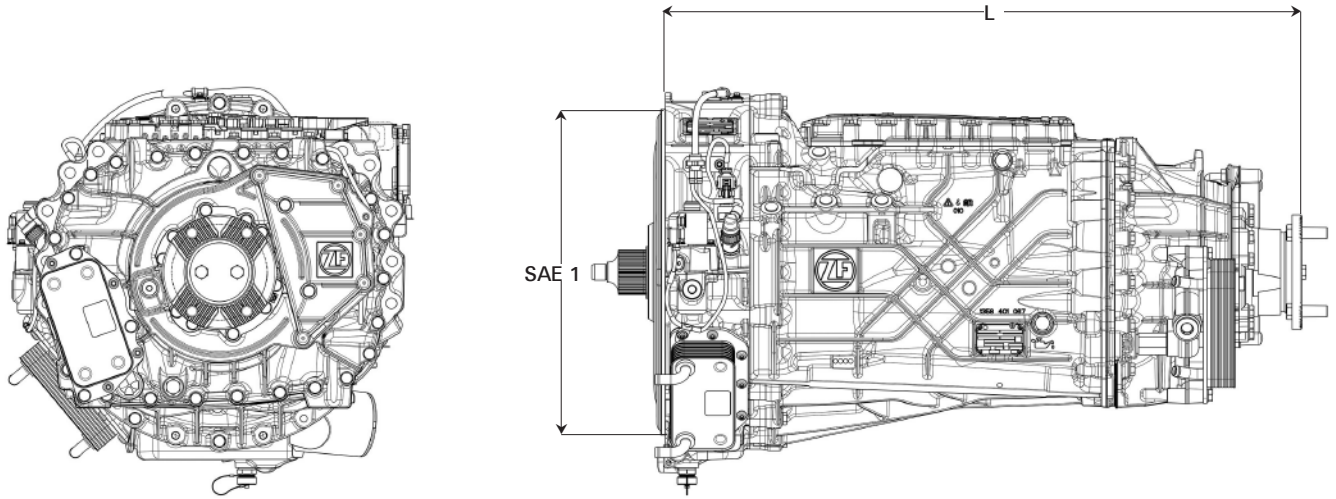
Standard ratios in gear

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
2611	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04
3421	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- Automatic transmission system for heavy duty special vehicles and applications
- PreVision GPS driving strategy
- New software functions for enhanced comfort
- Optional clutch-dependent PTO and emergency steering pump available
- ZF-Intarder with up to 4,000 Nm/600 kW braking torque/power is fully integrated as wear-free auxiliary brake

TraXon DynamicPerform



Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants	[mm]
12 DX 2610 SO	max. 2,600	362	DynamicPerform ≈ 7.0	TE-ML 25	from 998
			Transmission ≈ 12.5	TE-ML 02	
12 DX 3020 SO	max. 3,000	376	DynamicPerform ≈ 7.0	TE-ML 25	from 998
			Transmission ≈ 13.5	TE-ML 02	

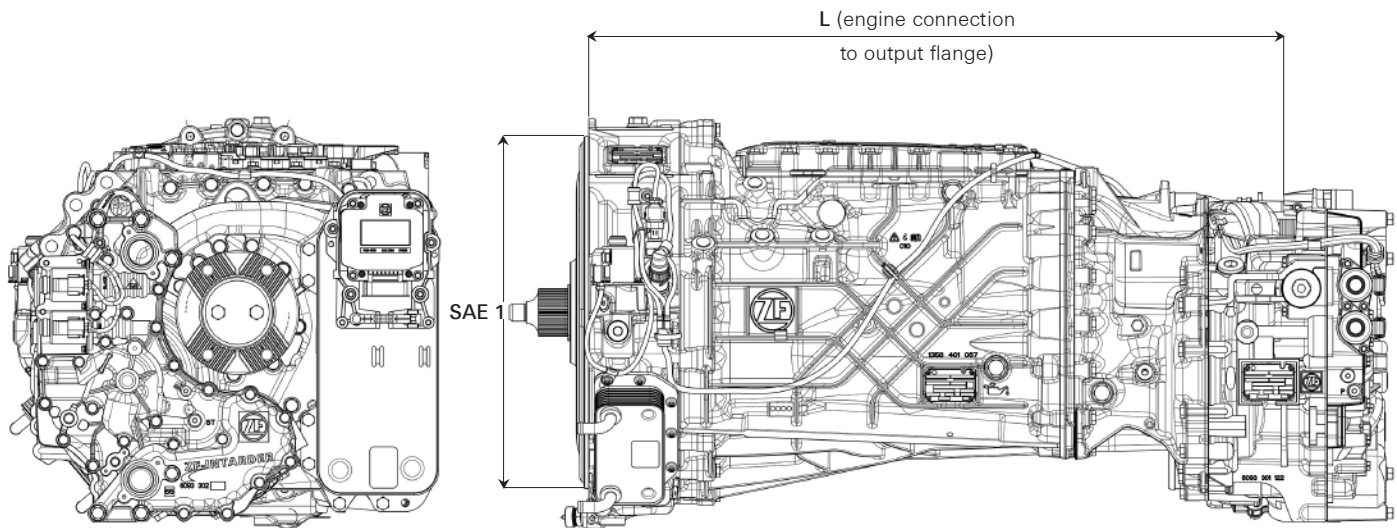
Standard ratios in gear

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
2610	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04
3020	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- New starting module for challenging situations
- Multidisk clutch for mobile cranes with up to 5 axles and 3,000 Nm engine torque
- Constant oil cooling prevents overheating and standstill
- DynamicPerform enables wear-free and durable maneuvering
- Maximum availability of vehicles on construction site
- Customers benefit from greater efficiency and lower maintenance costs

TraXon DynamicPerform (with Intarder)



Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants	[mm]
12 DX 2611 SO	max. 2,600	448	Dynamic Perform ≈ 7.0	TE-ML 25	from 998
			Transmission ≈ 22.5	TE-ML 02	
12 DX 3021 SO	max. 3,000	474	Dynamic Perform ≈ 7.0	TE-ML 25	from 998
			Transmission ≈ 23.5	TE-ML 02	

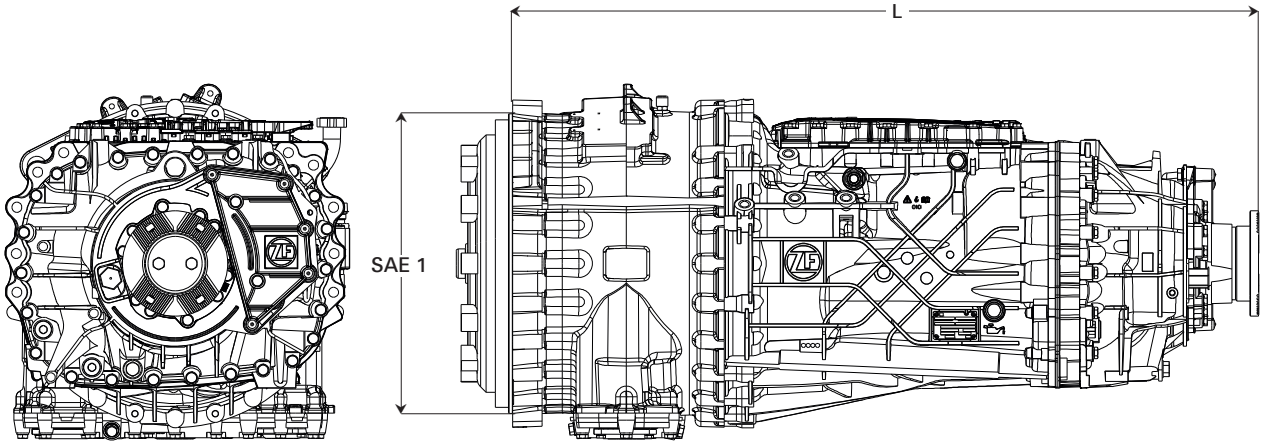
Standard ratios in gear

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
2611	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04
3021	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- New starting module for challenging situations
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TraXon Torque



Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Torque increase converter	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants		[mm]
12 TT 3020 SO	max. 3,000	≈ 507	TCC: ≈ 26 Transmission: ≈ 13.5	TE-ML 02	1.59	1,272

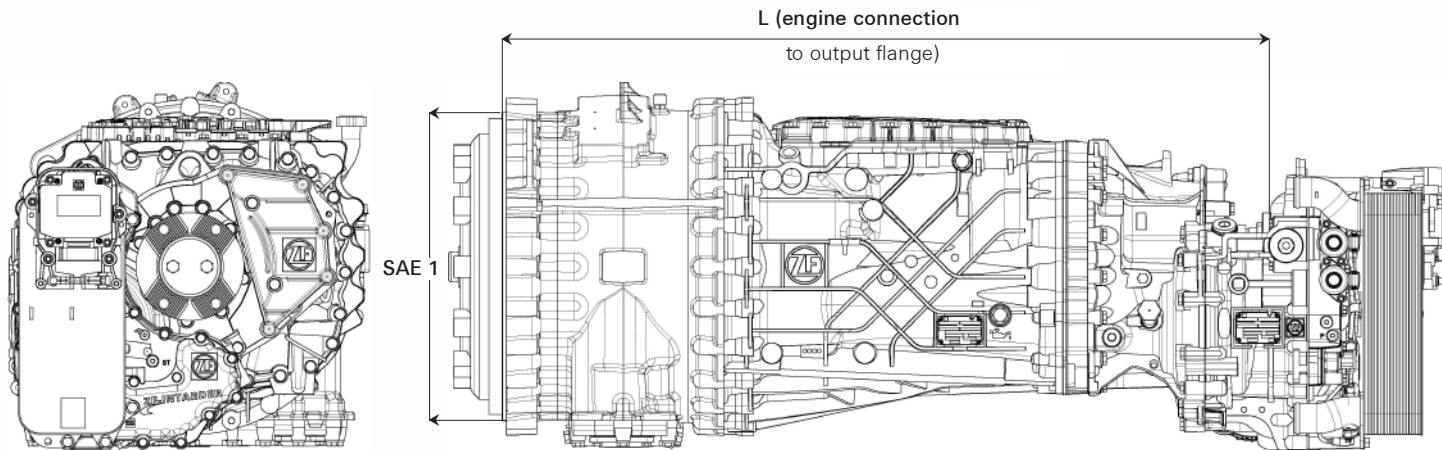
Standard ratios in gear

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
3020	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- Combination of the TraXon system with upstream torque converter clutch (TCC)
- Automatic transmission system and starting module for special applications and heavy goods transporters
- Lock-up of torque converter at driving speed thereby shifting without loss
- Common on-site control unit for Intarder and TraXon Torque module
- Clutch slip control and clutch protection
- Optional clutch-dependent PTO and emergency steering pump available
- PreVision GPS driving strategy

TraXon Torque (with Intarder)



Transmission type	Input torque	Weight without auxiliaries	Oil capacity for initial fill w/o heat exchanger	Oil grade	Torque increase converter	Length „L“
Version	[Nm]	[kg]	[l]	ZF list of lubricants		[mm]
12 TT 3021 SO	max. 3,000	≈ 580	TCC: ≈ 26 Transmission: ≈ 23,5	TE-ML 02	1.59	from 1,272

Standard ratios in gear

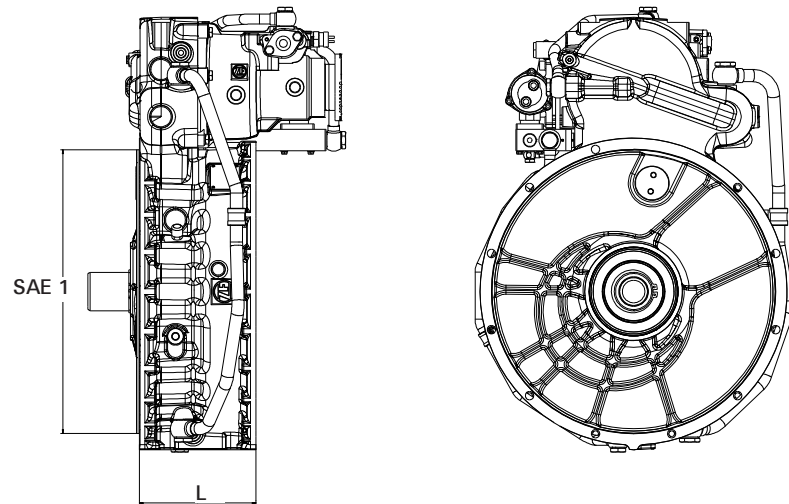
	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	R3	R4
3021	12.92	9.98	7.69	5.94	4.57	3.53	2.83	2.19	1.68	1.30	1.00	0.77	12.03	9.29	2.64	2.04

Features / Function

- Combination of the TraXon system with upstream torque converter clutch (TCC)
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PowerDivide

NMV 1600 L1
NMV 2000 L1
NMV 2003 L1



Type	Installation position	PTO power	Output torque	Direction of rotation	Mass (with damper)	Permissible operation temperature	Oil capacity	Oil grade	Speed factor
Version	o'clock	[kW]	[Nm]		[kg]	[°C]	[l]	ZF list of lubricants	
NMV 1600 L1	12	251	1,600	Same as engine	approx. 168	max. 110	approx. 4.7	TE-ML 02	1.54
NMV 2000 L1	12	314	2,000	Same as engine	approx. 168	max. 110	approx. 4.7	TE-ML 02	1.21
NMV 2003 L1	3	314	2,000	Same as engine	approx. 168	max. 110	approx. 4.7	TE-ML 02	1.21

Features / Function

- Engine-dependent PTO for auxiliary power units with high torque, such as concrete pumps, mobile cranes, fire-fighting vehicles, and many more
- Installed like a 'sandwich' between the engine and the transmission (SAE interface)
- 628 kW/3,000 Nm on transmission output
- Multidisc shift system