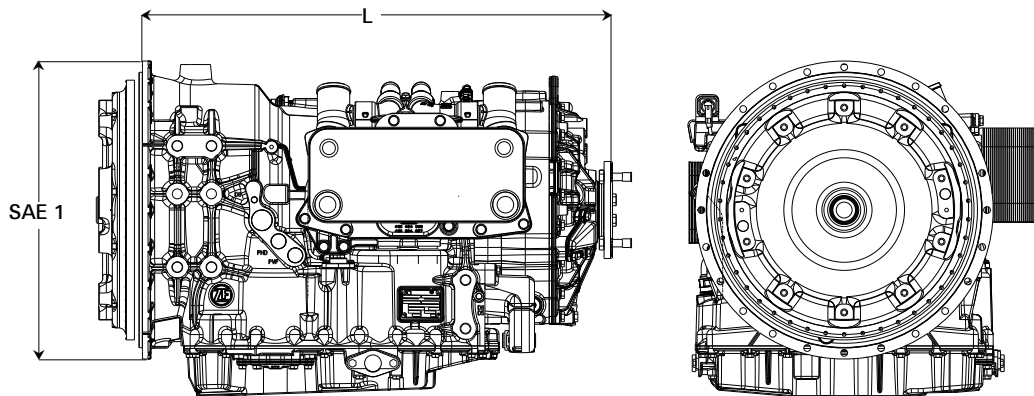
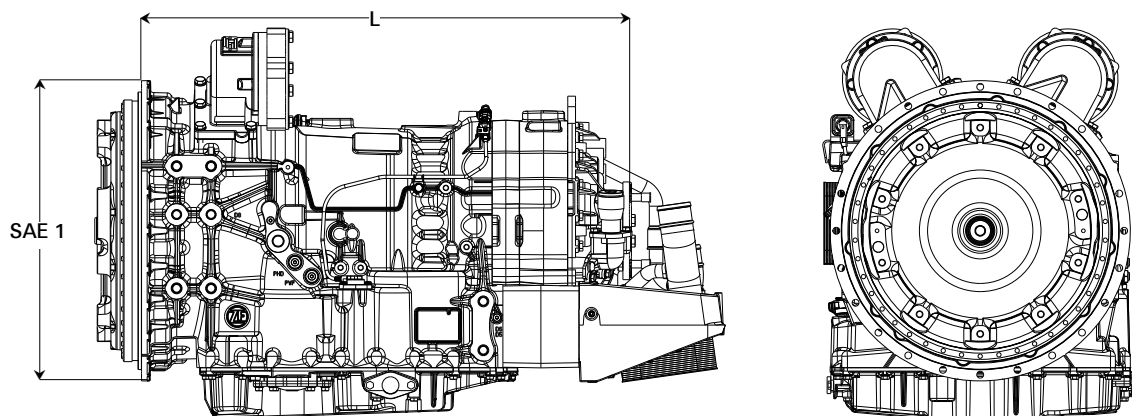


EcoLife Offroad 2

Example: With side mounted cooler



Example: With PTO and rear mounted cooler



| EcoLife Offroad 2 (with PTO) | Input torque | Max. turbine torque Forward | Max. retarder torque | Installation length „L“ (PTO) | Dry weight with cooler (PTO) | Torque conversion |
|---------------------------------|--------------|--------------------------------|-------------------------|-------------------------------------|------------------------------------|----------------------|
| Version | [Nm] | [Nm] | [Nm] | [mm] | [kg] | |
| 7 AP 1620 S (SP) | 1,600 | 2,500 | - 1,900 | 871.1 (901.1) | 450 (487) | 1.95 ... 2.29 |
| 7 AP 1920 S (SP) | 1,900 | 3,130 | - 1,900 | 871.1 (901.1) | 452 (489) | 1.95 ... 2.29 |
| 7 AP 2120 S (SP) | 2,100 | 3,500 | - 1,900 | 871.1 (901.1) | 454 (491) | 1.95 ... 2.29 |
| 7 AP 2620 S (SP) | 2,600 | 3,850 | - 1,900 | 871.1 (901.1) | 456 (493) | 1.95 ... 2.29 |
| 7 AP 3020 S (SP) | 3,000 | 4,000 (4,250)* | - 1,900 | 871.1 (901.1) | 456 (493) | 1.95 ... 2.29 |

* Dependant on application, mission and mileage expectations, e.g. ARFF Airport Rescue Fire Fighter

Standard ratios in gear

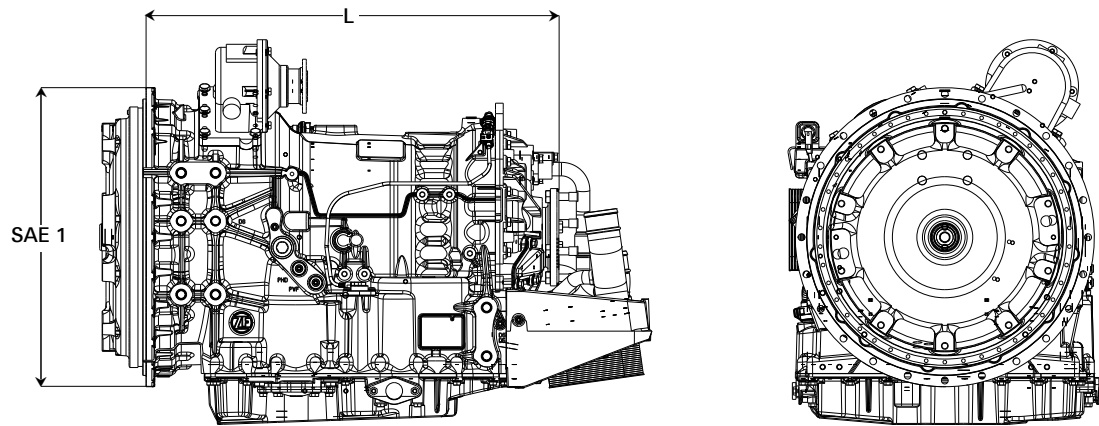
| Gears and Ratios | 1 | 2 | 3 | 4 | 5 | 6 | 7 | R | R _{Cr} | Phi |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|-----|
| Ratio 7 AP xxxx S (SP) | 5.6 | 3.36 | 2.04 | 1.47 | 1.0 | 0.67 | 0.56 | 3.36 | 9.05 | 10 |
| Max. engine speed [rpm] | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,300 | 2,600 | 2,600 | - |

Features / Function

- High efficiency, high power-to-weight ratio
- Application and mission-specific shift programs (can optionally be selected during operation as well)
- Dual cooling system consisting of transmission oil cooler and separate retarder oil cooler
- Higher admissible cooling water temperature of up to 105°C
- Connections for two PTOs with a maximum of 1,000 Nm available as an option

EcoLife Offroad 2

Example: Compact version with PTO



| EcoLife Offroad 2 (with PTO) | Input torque | Max. turbine torque Forward | Max. retarder torque | Installation length „L“ (PTO) | Dry weight with cooler (PTO) | Torque conversion |
|---------------------------------|--------------|--------------------------------|-------------------------|-------------------------------------|------------------------------------|----------------------|
| Version | [Nm] | [Nm] | [Nm] | [mm] | [kg] | |
| 6 AP 1620 SK (SPK) | 1,600 | 2,500 | - 1,900 | 732.2 (762.2) | 384 (421) | 1.95 ... 2.29 |
| 6 AP 1920 SK (SPK) | 1,900 | 3,130 | - 1,900 | 732.2 (762.2) | 386 (423) | 1.95 ... 2.29 |
| 6 AP 2120 SK (SPK) | 2,100 | 3,300 | - 1,900 | 732.2 (762.2) | 388 (425) | 1.95 ... 2.29 |
| 6 AP 2620 SK (SPK) | 2,600 | 3,500 | - 1,900 | 732.2 (762.2) | 390 (427) | 1.95 ... 2.29 |

Standard ratios in gear

| Gears and Ratios | 1 | 2 | 3 | 4 | 5 | 6 | R | Phi |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-----|
| Ratio 6 AP xxxx SK (SPK) | 3.36 | 2.04 | 1.47 | 1.0 | 0.67 | 0.56 | 3.36 | 6.0 |
| Max. engine speed [rpm] | 2,600 | 2,600 | 2,600 | 2,600 | 2,600 | 2,300 | 2,600 | - |

Features / Function

- High efficiency, high power-to-weight ratio
- Application and mission-specific shift programs (can optionally be selected during operation as well)
- Dual cooling system consisting of transmission oil cooler and separate retarder oil cooler
- Higher admissible cooling water temperature of up to 105°C
- Connections for two PTOs with a maximum of 1,000 Nm available as an option