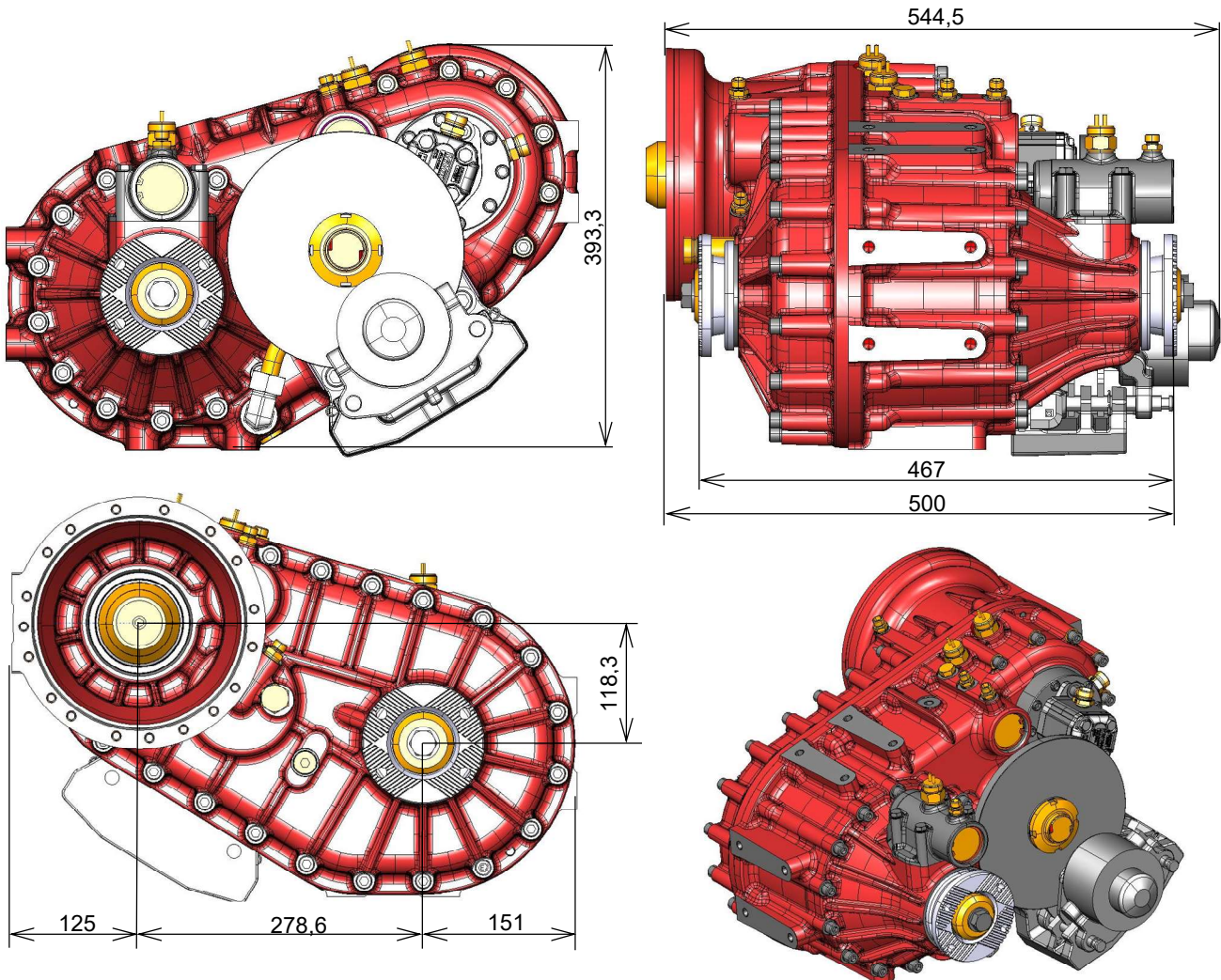


PRODUCT SPECIFICATION

TRANSFER CASE TCP500



TECHNICAL DATA

| | | | |
|---------------------------------|--|------------|-----------|
| Maximum Input Torque | 5 000 Nm | | |
| Maximum Input Speed version V1 | 4 000 RPM | | |
| Total Offset Distance | 302,7 mm | | |
| High Speed Ratio | 3,75 | 3,15 | |
| Low Speed Ratio | 7,30 | 6,60 | |
| Split torque differential Ratio | 50:50 with Lock | | |
| Shifting – | air operated, electrical signal in high and low speed position air operated, electrical signal in differential lock on position air pressure 6,5÷9,5 bar | | |
| Lubrication – | internal oil pump, possibility of external cooling circuit | | |
| Oil Capacity | approx. 4 l | | |
| Oil Specification | SAE 75W-90, Multi-Purpose Gear Oil, API-GL-5 or MIL-L-2105C or CD | | |
| Maximum Working Temperature | 125°C | | |
| Weight (dry) with park. brake | 137 Kg | | |
| Flanges | Input | Front Axle | Rear Axle |
| | Direct mount to Allison 2500 (Option: Remote) | KV120 | KV120 |
| Parking Brake Type | SAHR, 70% slope capability for GVW 7,5t | | |