

## PRODUCT SPECIFICATION

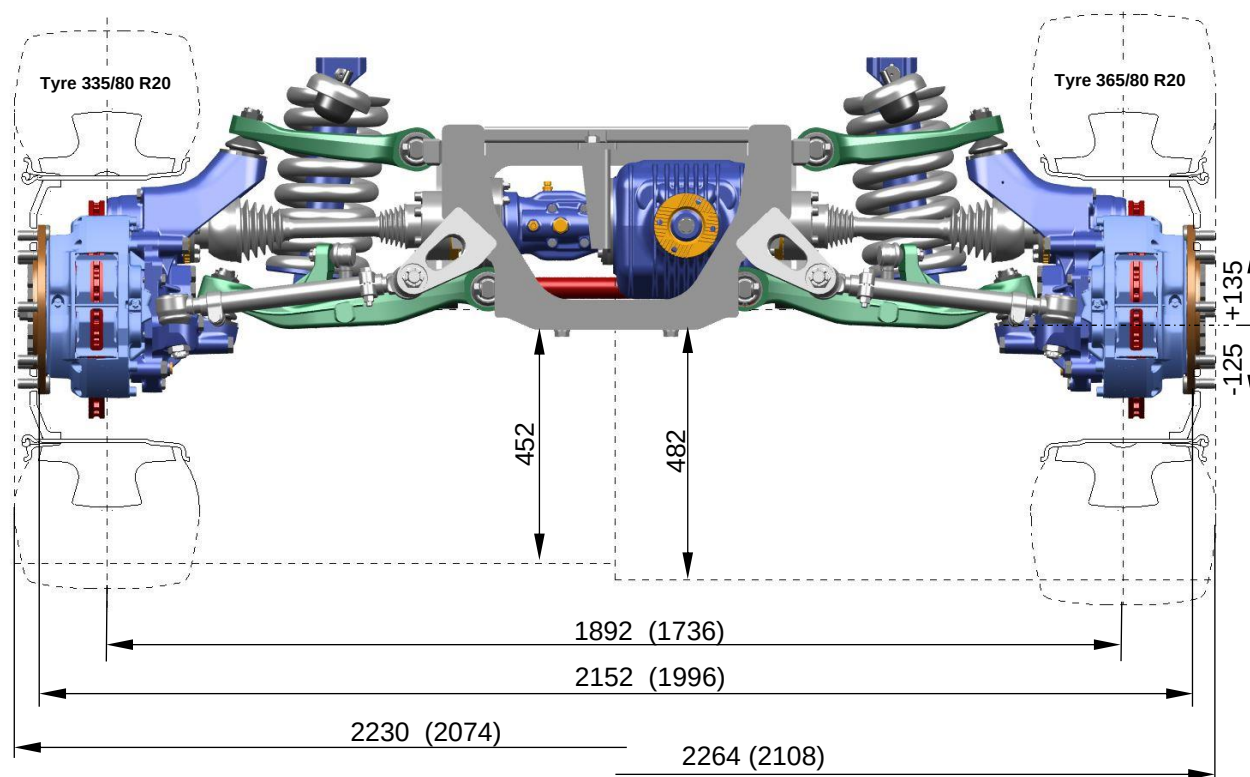
# INDEPENDENT SUSPENSION AXLE SYSTEM AX60

## TECHNICAL DATA

|                                       |                                                                                          |      |      |
|---------------------------------------|------------------------------------------------------------------------------------------|------|------|
| Static Axle Load, Front/Rear          | 6 000 kg / 6 500 kg                                                                      |      |      |
| Axle Differential Ratio               | 1,69                                                                                     |      |      |
| Wheel Gear Ratio                      | 3,2                                                                                      | 2,88 | 2,26 |
| Overall Ratio                         | 5,42                                                                                     | 4,87 | 3,82 |
| Maximum Input Torque                  | 7 300 Nm                                                                                 |      |      |
| Maximum Input Speed                   | 3 500 RPM                                                                                |      |      |
| Suspension                            | Coil Spring                                                                              |      |      |
| Damping                               | Hydraulic Damper                                                                         |      |      |
| Total Wheel Travel                    | 260mm                                                                                    |      |      |
| Maximum Wheel Angle Inside / Outside  | 37,0° / 29,5°                                                                            |      |      |
| Differential Oil Capacity             | 3,30 l                                                                                   |      |      |
| Wheel Gear Oil Capacity               | 0,95 l                                                                                   |      |      |
| Oil Specification                     | SAE 75W-90, Multi-Purpose Gear Oil, API-GL-5 or MIL-L-2105C or CD                        |      |      |
| Max. Working Differential Temperature | 120°C                                                                                    |      |      |
| Max. Working Temperature of Wheel     | 100°C                                                                                    |      |      |
| Brake                                 | Hydraulic Brakes<br>Ventilated Disc Ø405 – standard                                      |      |      |
| Tyre                                  | 335/80 R20, 365/80 R20                                                                   |      |      |
| Weight, Front/Rear                    | 681 kg / 676 kg incl. subframes and steering subfr.<br>571 kg / 548 kg without subframes |      |      |

### Option:

|               |                                                     |
|---------------|-----------------------------------------------------|
| Suspension    | Hydropneumatic with Height Management System option |
| Differential  | Drive through differential with IAD 1:1             |
| AWS           | Remote electro-hydraulic steering                   |
| Parking Brake | SAHR; SAAR                                          |



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