

12 AS 1420 TO ZF-ASTronic mid (Truck)

Automatic transmission system for mid-range trucks



Transmission type	12 AS 1420 TO
Input torque	max. 1400 Nm
Weight without auxiliaries	≈ 201 kg*
Oil capacity for initial filling	≈ 9.3 dm ³
Oil grade	as specified in ZF List of Lubricants TE-ML 02
Clutch bell housing	integrated; SAE 1 standard / SAE 2 optional

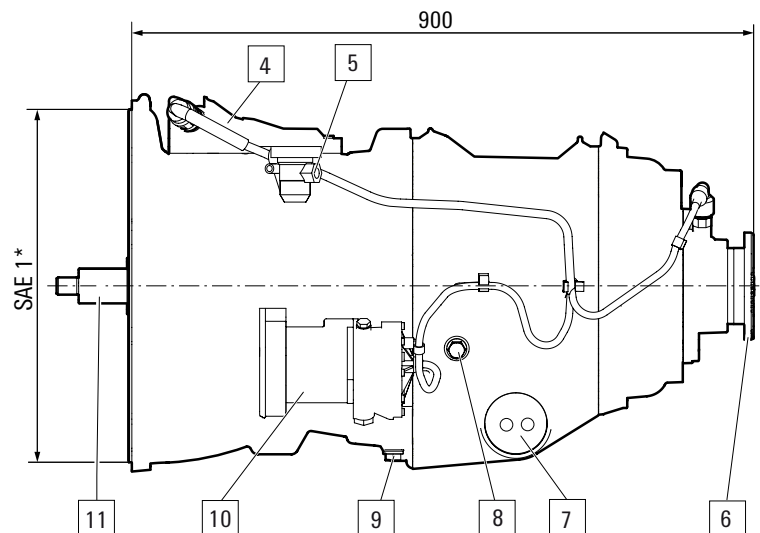
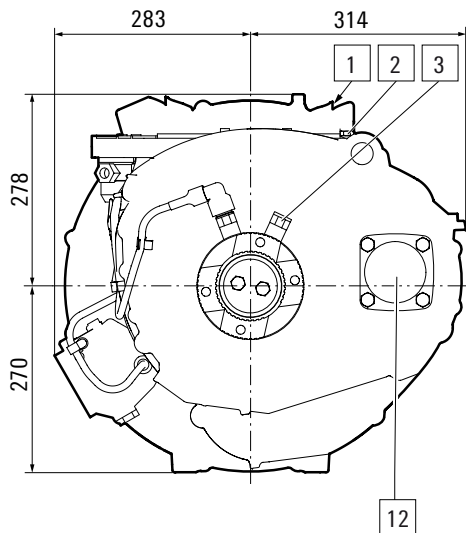
* w/o clutch release, w/o oil fill

Standard ratios in gear

1	2	3	4	5	6	7	8	9	10	11	12	R1	R2
10.37	8.43	6.49	5.27	4.18	3.40	2.48	2.02	1.55	1.26	1.00	0.81	10.56	8.58

12 AS 1420 TO

Installation dimensions



* SAE2 optional available

- | | |
|--|---|
| 1 Electrical connection | 8 Oil fill and oil overflow check |
| 2 Breather | 9 Oil drain |
| 3 Speedo sensor | 10 Clutch module |
| 4 Gearshift module | 11 Input |
| 5 Compressed air connection | 12 Connection point for clutch-dependent PTO |
| 6 Output | |
| 7 Heat exchanger (optional, application specific) | |