

# 6 S 800 TO ZF-Ecolite (Truck)

6-speed synchromesh transmission for small trucks



**6 S 800 TO - Basic transmission**  
**6 S 805 TO - Transmission with clutch-dependent PTO**

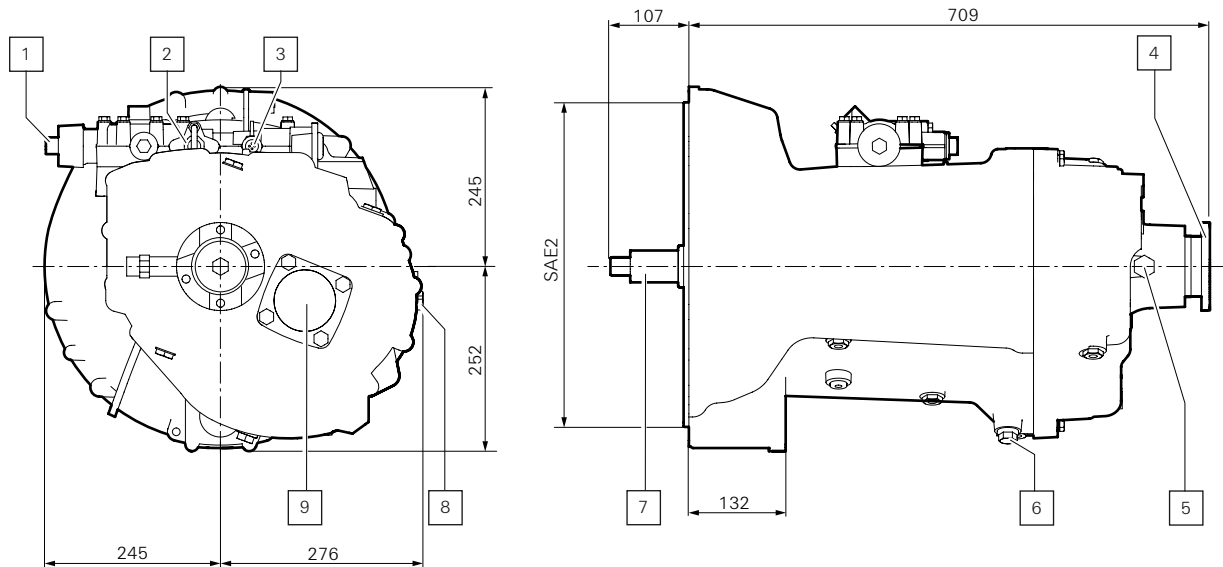
<b>Transmission type</b>	<b>6 S 800 TO</b>
<b>Input torque</b>	max. 850 Nm
<b>Weight</b> without oil and auxiliaries	≈ 124 kg
<b>Oil capacity</b> for standard installation	≈ 9.8 dm <sup>3</sup>
<b>Oil grade</b>	as specified in ZF List of Lubricants TE-ML 02
<b>Clutch bell housing</b>	SAE2, integrated
<b>Gearshift system</b>	Standard: Linkage shift system horizontal/left Option: Linkage shift system horizontal/right Cable shift system horizontal/left with Servoshift

### Standard ratios in gears

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>R</b>
6.58	3.60	2.13	1.39	1.00	0.78	6.06

# 6 S 800 TO

## Installation dimensions



- |  |  |
|--|--|
| <b>1</b> Selector output                   | <b>6</b> Oil drain                                 |
| <b>2</b> "Neutral" signal transmitter      | <b>7</b> Input                                     |
| <b>3</b> "Reverse gear" signal transmitter | <b>8</b> Oil fill and oil overflow check           |
| <b>4</b> Output                            | <b>9</b> Connection point for clutch-dependent PTO |
| <b>5</b> Speedo sensor                     |  |