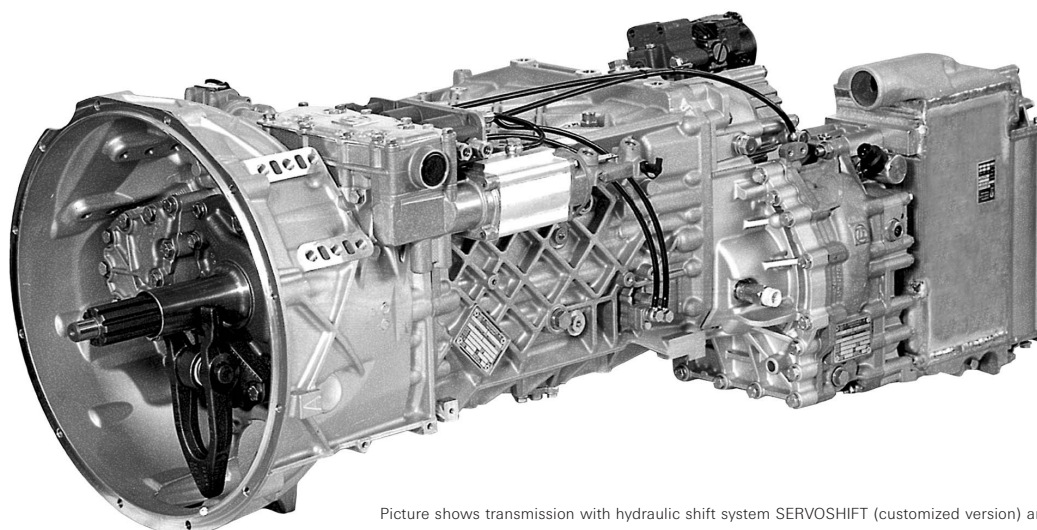


16 S 2220 TD ZF-Ecosplit (Truck)

Synchromesh transmission for heavy trucks



Picture shows transmission with hydraulic shift system SERVOSHIFT (customized version) and ZF-Intarder

- 16 S 2220 TD - Basic transmission
- 16 S 2221 TD - Transmission with Intarder
- 16 S 2223 TD - Transmission designed for 100% coasting torque
- 16 S 2225 TD - Transmission with clutch-dependent PTO

SERVOSHIFT is the standard shift system in all transmission versions.

Transmission type	16 S 2220 TD
Input torque	max. 2200 Nm
Weight without auxiliaries	≈ 319 kg
Oil capacity for standard installation	≈ 13 dm ³
Oil grade	as specified in ZF List of Lubricants TE-ML 02
Installation	horizontal left, with integrated clutch bell
Additional weight for ZF-Intarder	≈ 69 kg
Additional oil quantity for ZF-Intarder	≈ 8 dm ³

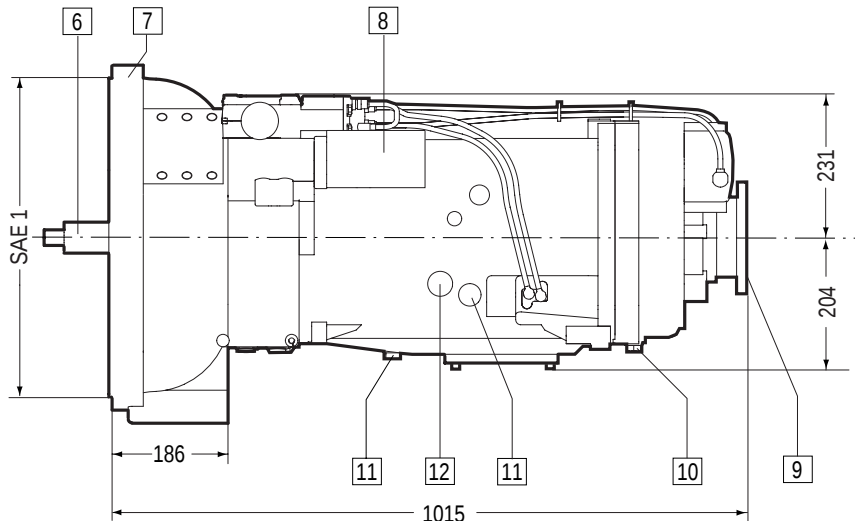
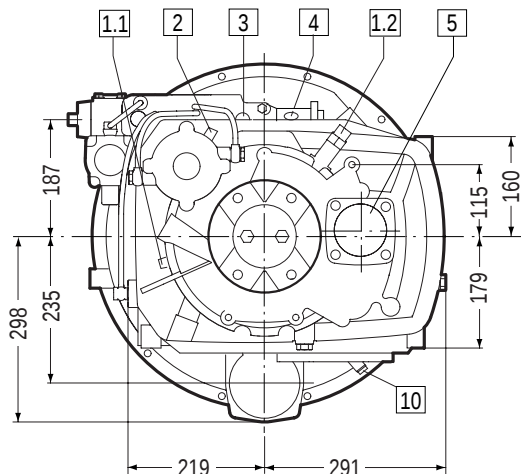
Standard ratios in gears (L = splitter low; H = splitter high)

1		2		3		4		5		6		7		8		R	
L	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L	H
16.41	13.80	11.28	9.49	7.76	6.53	5.43	4.57	3.59	3.02	2.47	2.08	1.70	1.43	1.19	1.00	15.36	12.92

→ see also Data Sheet for Intarder: IT_NewEcosplit_EN

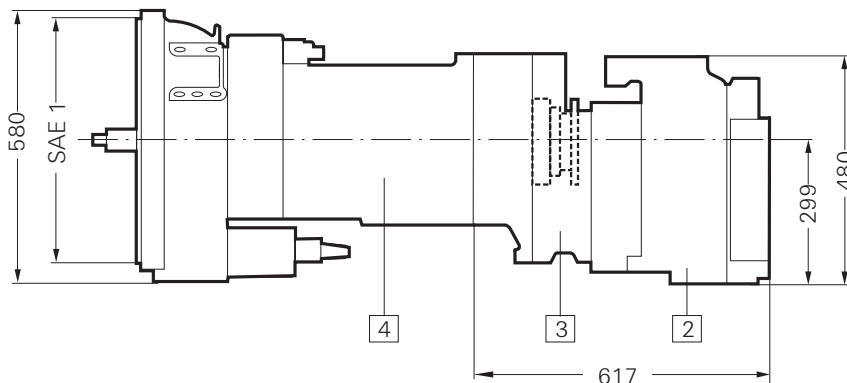
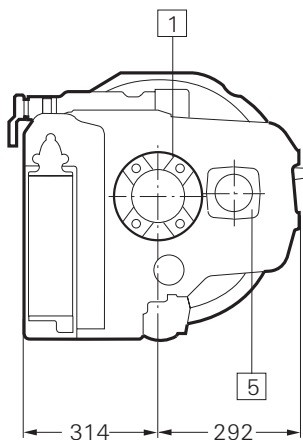
16 S 2220 TD

Installation dimensions



- 1 Speedometer connection, electronic (optional)
- 2 "Range change" signal transmitter
- 3 "Neutral" signal transmitter
- 4 "Reverse gear" signal transmitter
- 5 Connection point for clutch-dependent ZF-PTOs
- 6 Input

- 7 Integrated clutch bell
- 8 Servoshift
- 9 Output
- 10 Oil drain
- 11 "Splitter" signal transmitter
- 12 Oil fill and oil overflow check



- 1 Option to fit steering pump drive
- 2 ZF-Ecosplit transmission
- 3 ZF-Intarder unit

- 4 Oil/water heat exchanger
- 5 Connection for PTO