

Technical Cover Sheet for 8098 955 631 Servocom

Exploded view: E 8098.001

Technical view: T 8098.001 variant (I)

B = 80 C = 137 R = 176.5

Customer part number: 250330

Customer: Volvo Truck Corporation / Gothenburg - Sweden

Vehicle type: project 2280 commercial vehicle - Right-hand drive

Worm right-hand, sector shaft on the left (seen from driver's view), piston in the front of steering gear

Required flow rate: 16 - 20 l/min

With automatic air bleed at top rear side of housing

Steering ratio: variable 20.0 / 17.0 / 20.0 : 1

Total steering wheel turns: 4.8

Torsion bar diameter: 7.4 mm

Pressure line connection: M18 x1.5 at RH side of housing

Return line connection: M18 x1.5 in front of the cylinder cover

With hydraulic steering limiter on the right in the piston for automatic adjustment

Setting range of the hydraulic steering limiter from 32 to 47 degrees

Sector shaft with tapered serrations B 2 5/16" x48 ZGN 738

5 mounting threads M20 x1.5 at LH side of housing, 1 mounting boss with tapped hole painted, front below

Stub connection 1x79 ZGN 715

Pressure relieve valve 170 + 10 bar, at bottom LH side of housing, without replenishing valve

Power cylinder ports M18 x1.5 at bottom front side of housing and at front top RH side of cylinder cover

Sector shaft with lock nut

Dust seal with retaining ring and seal

Plug with gasket countersink

Type plate on the cylinder cover as well as 2 holes for type plate provided by vehicle manufacturer

INSTALLATION NOTE:

Tightening torque of the lock nut M45 x1.5; WAF 70 (fig.no. 50): 570 Nm +/- 10%

Tightening torque of the steering mounting screw M20 x1.5: 520 Nm +/- 10%

As on: 04 Jun 12