

Technical Cover Sheet for 8098 955 510 Servocom

Exploded view: E 8098.001

Technical view: T 8098.001 variant (I)

B = 80 C = 137 R = 176.5

Customer part number: 492305

Customer: SCANIA Buses + Coaches / Katrineholm - Sweden

Vehicle type: project 4330 bus - Left-hand drive

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

Required flow rate: 16 - 20 l/min

With automatic air bleed at top rear side and at rear LH 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 LH side of housing

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

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

Valve insert with small protrusion of pin

Setting range of the hydraulic steering limiter from 33 to 48 degrees

Sector shaft with tapered serrations B 2 5/32" x48 ZGN 738

5 mounting threads M20 x1.5 at RH side of housing

Stub connection 1x79 ZGN 715

Press. relieve valve 150 +15 bar at bottom RH side of housing, replenishing valve integrated into valve slide

Power cylinder ports M18 x1.5 at bottom front side of housing and at bottom LH 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): 800 Nm + 80 Nm

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

As on: 24 May 12