

# Technical Cover Sheet for 8098 955 594 Servocom

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Exploded view: E 8098.001

Technical view: T 8098.001 variant (I)

B = 80 C = 162 R = 180.5

Customer part number: 81.46200-6414

Customer: MAN Commercial Vehicles / Munic - Germany

Vehicle type: NFG 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 - 25 l/min

Without automatic bleeder

Steering ratio: variable 26.2 / 22.2 / 26.2 : 1

Total steering wheel turns: 6.2

Torsion bar diameter: 7 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 mechanical adjustment

Setting range of the hydraulic steering limiter from 34.5 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, housing for bellows

Stub connection 1x79 ZGN 715

Pressure relieve valve 160 + 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 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): 850 Nm + 10%

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

As on: 31 May 12