

# Technical Cover Sheet for 8098 965 180 Servocom

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Exploded view: E 8098.034

Technical view: T 8098.002 variant (I)

B = 80 C = 137 R3 = 259.5

Customer: MAN Commercial Vehicles / Munic - Germany

Vehicle type: A25-A26 low-floor bus - Left-hand drive

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

Required flow rate: 16 - 20 l/min

With automatic air bleed in belly of rear housing bottom

Steering ratio: variable 26.2 / 22.2 / 26.2 : 1

Total steering wheel turns: 6.2

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 mechanical adjustment

Setting range of the hydraulic steering limiter from 35 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

With flange-mounted 90° bevel box

Stub connection 1x79 ZGN 715 points down

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

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

Potentiometer: at LH side of cover, connections at top, with screening sheet

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: 02 Feb 12