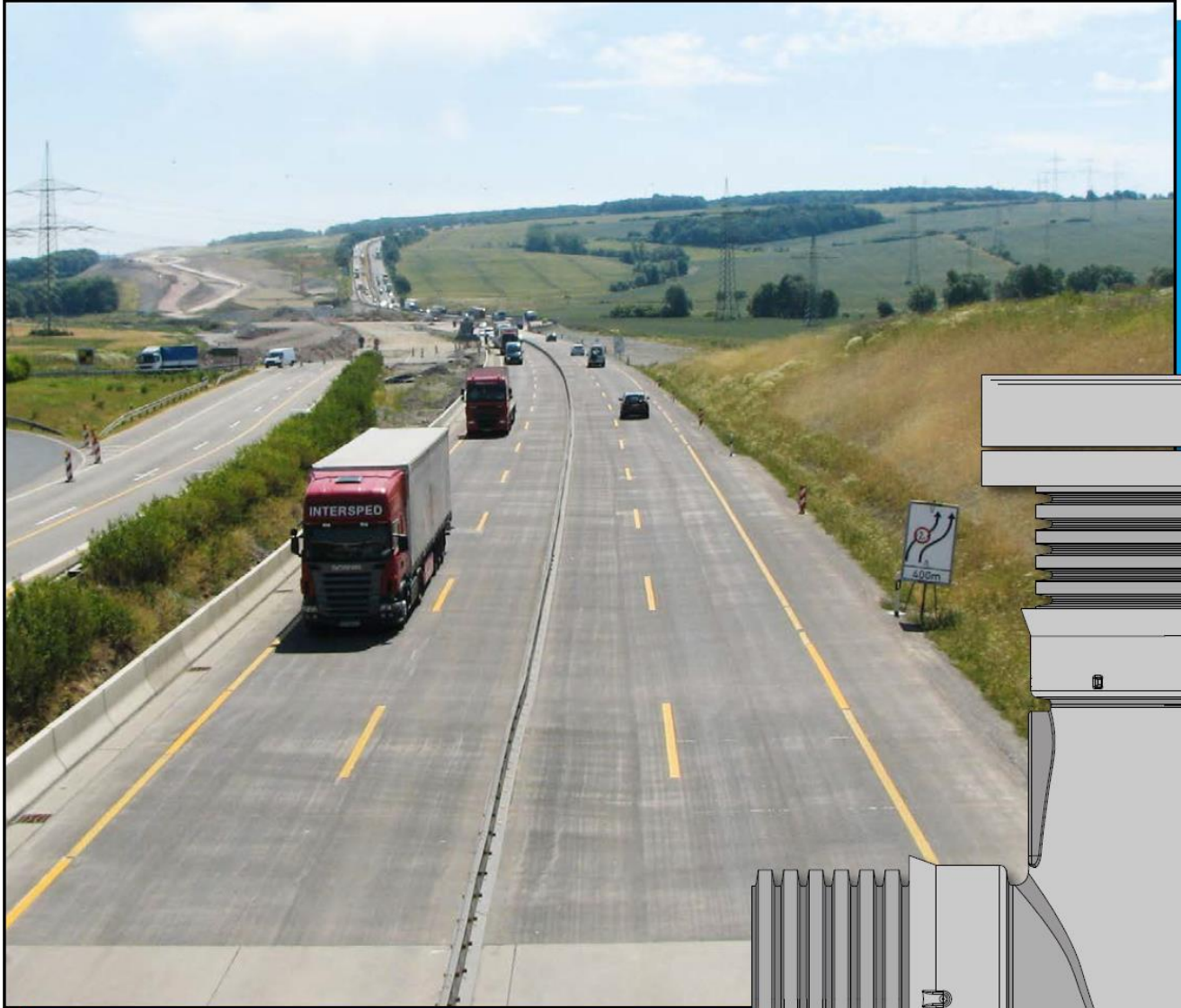


MULTI-*inspect* MONO

HEGLER
MULTI-*inspect* MONO
II/1

PE-HD Inspection and Flushing Chamber for Traffic Route Engineering



MULTI-*inspect* MONO

- Monolithic chamber basic body, body internal dimension > 900mm
- Size range: DN100 to DN600
- Full-length even-level flow channel
- Ideal for use in small laying depths
- Chamber riser pipe DU600
- Easy access to pipeline for inspection and flushing
- Suitable for SLW 60 classified roads

Complying with all requirements in road construction



HEGLER

Corrugated and Twin Wall Pipes of Plastics

Inspection and Flushing Chamber MULTI-*inspect* MONO

MULTI-*inspect* MONO system setup

The MULTI-*inspect* MONO inspection and flushing chamber is made from PE-HD in one piece (monolithic basic body). With the excellent impact resistance of PE-HD, cracks and rupture in the chamber are prevented, even at low temperatures down to -25 °C.

MULTI-*inspect* MONO is available as straight-way chamber (180°) with a full-length even-level flow channel and in special designs (offset, with additional lateral inlet or as starting/end chamber in a line).

Connection of pipe systems

The basic body features integral socket ends on both sides to accommodate pipes in a size range up to DN600. By means of the available reducing connectors pipes of smaller sizes (DN100 to DN350) can be connected as well.

The special way of interlocking between the reducing connectors and the basic body ensures tensile and twist-proof joining with the connected pipe systems. A full-length even-level flow channel is guaranteed with all pipe sizes.

Chamber accessory

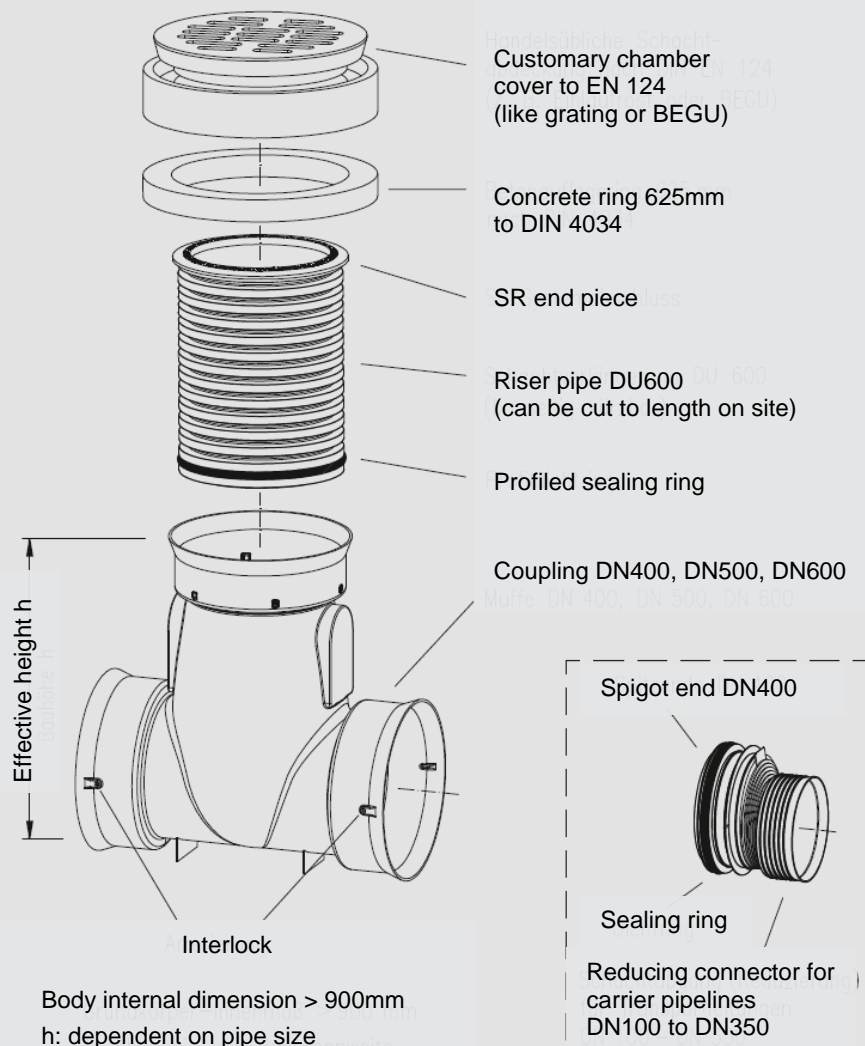
The riser pipe (extension) can be shortened, or elongated by extension pieces, to any length required. The chamber matches customary chamber covers, closed or gratings, of classes A 15, B 125 and D 400 to EN 124. Irrespective of the length of the riser pipe, loads up to traffic load class SLW 60 are distributed via a top concrete ring to the bearing layer. The settlement cams provided in the coupler accommodating the riser pipe provide additional security in preventing damages to the basic body, should excessive forces occur during the building phase. The riser pipe is fitted with an SR end piece ensuring professional transition to the applied cover/concrete ring.

SYSTEM ADVANTAGES

- Small total height
- Body internal dimension > 900mm
- Full-length even-level flow channel
- Tensile interlock of reducing connectors (patent-protected: EP 2 960 387 B1)
- For a size range of 100mm to 600mm pipes
- Suitable for SLW 60 classified roads
- Low weight
- High impact resistance (PE-HD)
- Resistance to chemicals to DIN 8075
- Customary chamber covers to EN 124 (625mm)



MULTI-*inspect*-MONO



for Use with Drainage and Carrier Pipes in Road Construction



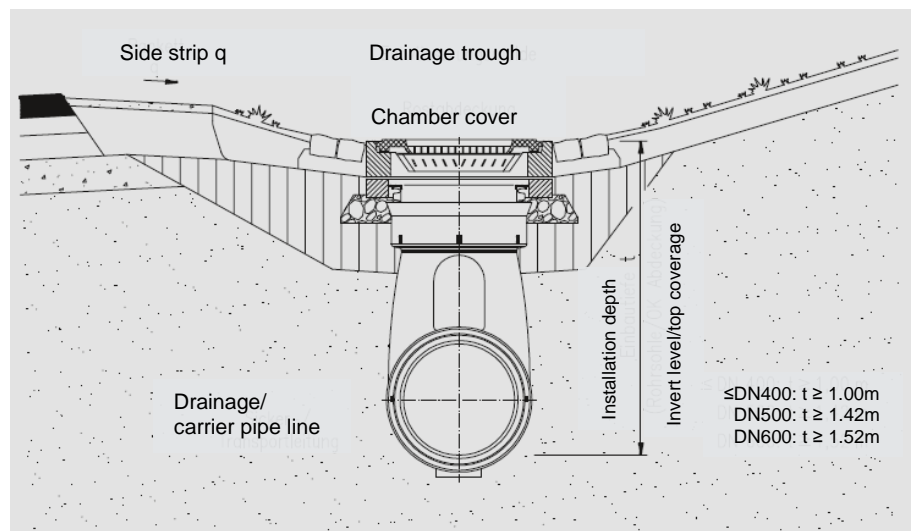
Use in traffic route engineering

Tailored to the inspection and flushing of pipe lines from DN100 to DN600, the MULTI-*inspect* MONO chamber is suitable for all applications in road construction. Evidence for its suitability under maximum loads as per traffic load class SLW 60 is provided by a structural analysis by FEM.

Thanks to its small overall length, a MULTI-*inspect* MONO chamber is ideal for use as inlet chamber in the peripheral zones of a road. Construction costs may therefore be considerably reduced as a result of a shallow line run.

The chamber can be used with standard gratings to EN 124 (625mm) or closed BEGU covers.

The system is particularly helpful in cramped site conditions where contractors have to get by with narrow trenches.



Inlet chamber:

Example for use as inlet chamber in road drainage with trough and subsoil drains AQUADRAIN or SIROPLAST-K

MULTI-*inspect* MONO

- Inspection and flushing chamber for pipes up to DN600 in road construction
- Inlet chamber in drainage troughs



Attention should be paid to the structural analysis and the manufacturer's installation instructions.

System Accessory MULTI-*inspect* MONO

Important:

- If possible, MULTI-*inspect* MONO chambers should be transported and stored on site in the original stillage. They should always be stored on an even and smooth surface.
- Continuous support at the given gradient must be provided in the pipe trench. The supporting layer of 10cm must consist of sand/gravel. Local depressions should be provided at joints so that the couplings do not initially rest on the support.
- Joints should be made using the recommended lubricant.
- Embedding has to be performed in accordance with EN 1610.
- Chambers should be surrounded by a sand/gravel layer ($d \geq 20\text{cm}$). The bedding material should be compacted in layers.
- The MULTI-*inspect* MONO chamber can be used with customary chamber covers to EN 124 (e.g. BEGU tops or 625mm gratings).

The information given in this brochure is the most up-to-date available and is intended to provide information on our products and their possible applications. It is not a guarantee of certain features or of their suitability for certain specific applications. Our guarantee applies to compliance with our specifications, within the scope of our General Terms and Conditions. The current edition supersedes any former versions. Subject to change.

Chamber system and accessory

MULTI- <i>inspect</i> MONO (standard arrangement)	Item No.
Chamber basic body of PE-HD, straight-way version with 2 outlets 180° 2 outlets DN300 2 outlets DN400 2 outlets DN500 2 outlets DN600	7053520 7053500 7053550 7053560
Chamber basic body of PE-HD, starting/end version with 1 outlet 1 outlet DN300 1 outlet DN400 1 outlet DN500 1 outlet DN600	7053522 7053502 7053552 7053562
Chamber basic body of PE-HD, with 2 outlets in offset design; angle of offset tailored to customer's request 2 outlets DN300 2 outlets DN400 2 outlets DN500 2 outlets DN600	7053528 7053508 7053558 7053568
Chamber basic body of PE-HD, with 2 outlets 180°, with lateral inlet or outlets of different sizes project-specific	
Reducing connectors from socket end DN400 for connection of AQUADRAIN and SIROPLAST-K subsoil drains or AQUATUB-Rw storm water sewers DN100 DN150 DN200 DN250 DN300 DN350	7058410 7058415 7058420 7058425 7058430 7058435
Sealing ring for reducing connector (drainage pipe)	7058400
Profiled sealing ring for reducing connector (storm water sewer pipe)	7058401
Riser pipe (l = 100cm) (l = 300cm)	7057700 7057702
Profiled sealing ring for riser pipe	7057501
Coupling for riser pipe	7057500
SR end piece 625-500 followed by chamber cover (625mm) to EN 124)	7057502

Note: The system can be used with customary chamber covers (625mm) to EN 124.

HEGLER

Corrugated and Twin Wall Pipes of Plastics

