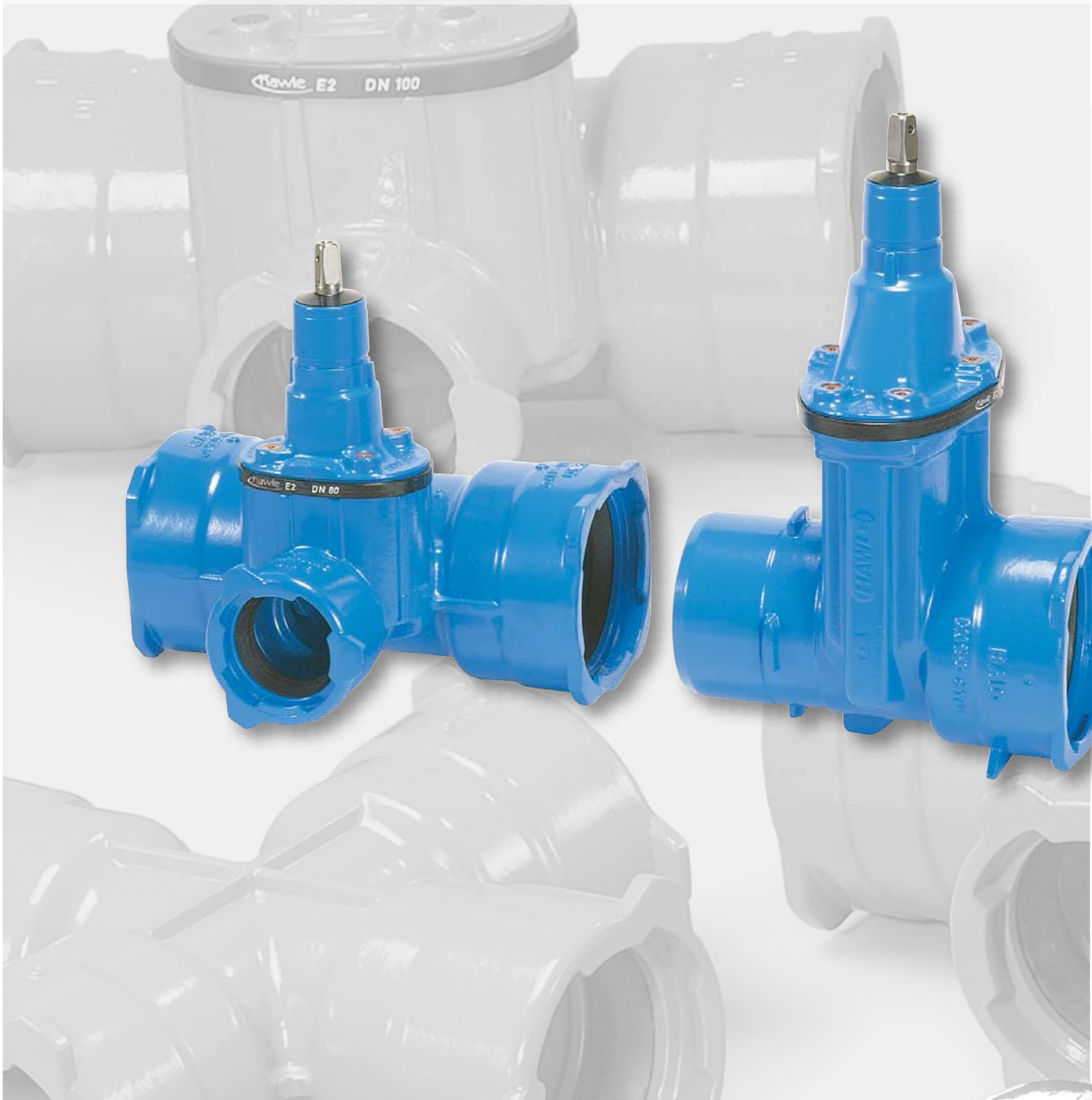




HAWLE - **BAIO System**

the solution, easy and time saving



HAWLE. **MADE FOR GENERATIONS.**



HAWLE - **BAIO System**

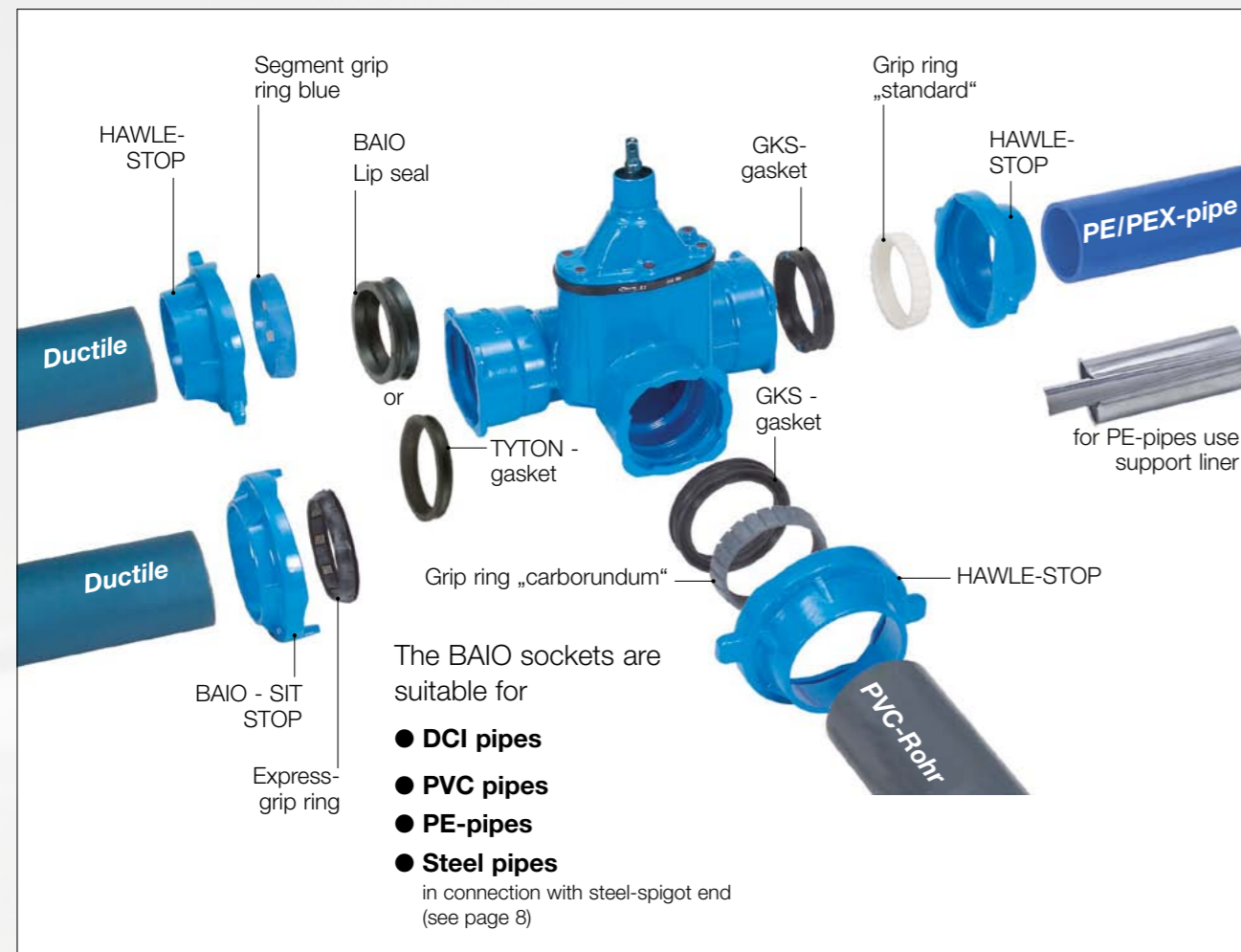
THE FASTEST CONNECTION IN THE PIPELINE SYSTEM

- saving in material, joints and piping costs
- joints without flanges or bolts, socket connections allow angular deflection
- low weight and low stock holding costs
- universal application for **ductile iron, steel** and **PE/PVC** pipes
- non-earthed restrainer with Hawle-STOP for DCI-iron and PE/PVC pipes
- high quality corrosion protection due to epoxy coating



RAL QUALITY MARK
HIGH QUALITY CORROSION PROTECTION
FOR VALVES AND FITTINGS

1 SOCKET FOR 4 TYPES OF PIPE



Spigot ends with bayonet lugs for positive connection with the double-function BAIO socket (seal and grip)

All socket fittings are supplied without gasket. Please choose the suitable gasket for the used pipe material.

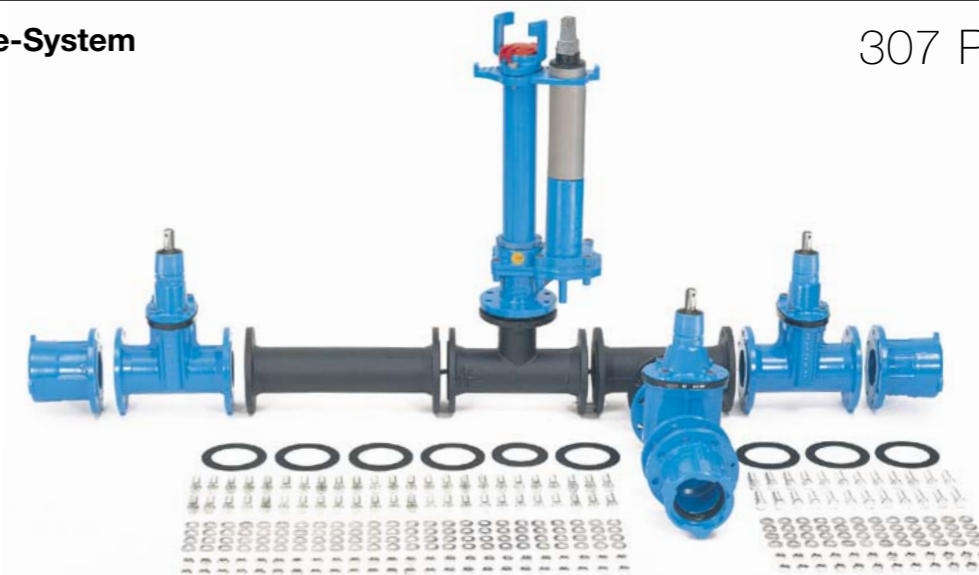


DN 80 - DN 300, PN 16

- Spigot/ Socket or Socket / Socket Gate Valves
- Combi Valves
- Hawle Below-ground hydrant
- Fittings

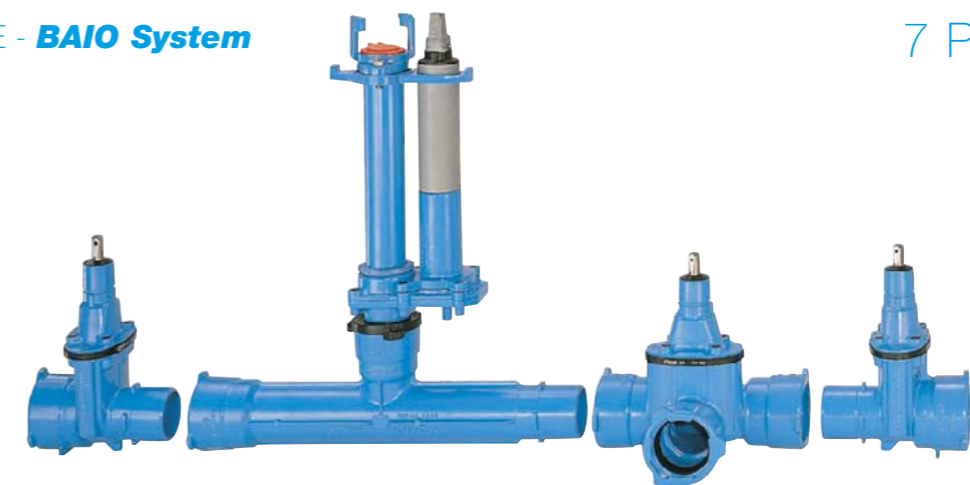
Flange-System

307 Parts



HAWLE - **BAIO System**

7 Parts





Order no. NL80
Hawle-STOP
with segment grip ring
for DCI pipes
DN 80-200



Order no. NL84
Hawle-STOP
with carborundum grip ring
for PVC pipes DN 80-200



Order no. NL82
Hawle-STOP
with grip ring
for PE pipes DN 80-200
(use support liner order
no. 6036)



Order no. NL78
BAIO-SIT
with special grip ring
for ductile iron, PE- and PVC
pipes DN 250-300
(support liner is recommended when
used with PE pipes)



Valve, Socket-Spigot
Order no. NL00E2
DN 80 - DN 300, PN 16

Valve, Socket-Socket
Order no. 4500E2
DN 80 - DN 300, PN 16
incl. TYTON gasket for DCI pipes

ACCESSORIES



Order no. NL85
BAIO Lip seal BLD
PN 16, for use on
DCI pipes in BAIO sockets



Order no. 6035 Class SDR 17,6
Order no. 6036 Class SDR 11
Support liner with wedge
made of stainless steel, for use
with PE pipes



Order no. NL86
GKS-pipe-gasket
PN 16, for use on PE/PVC pipes in
BAIO sockets



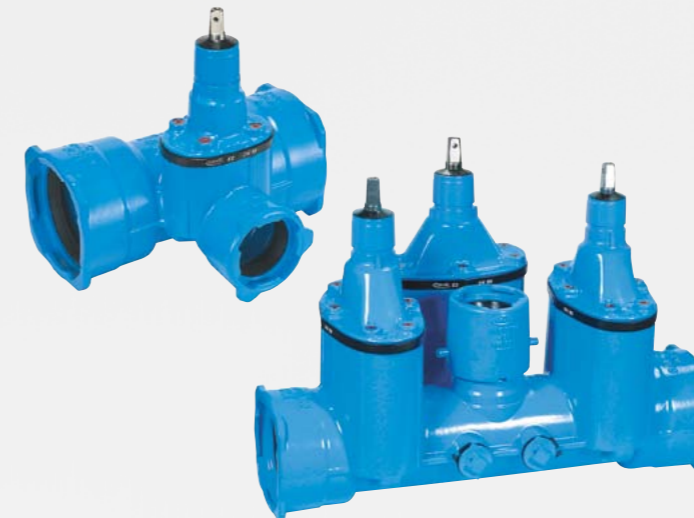
Order no. NL8B
Union-gasket
PN 16, for use on PE/PVC
pipes in the EMS socket (for
gas on request)



Order no. 8716
TYTON gasket
for use on
DCI pipes in BAIO sockets



Order no. NL8A
Anti twist device
for BAIO-connections



MMB-Valve
Order no. NL10E2
DN 80 - DN 200, PN 16

Combi-III
Order no. NL15E2
DN 100 - 200, PN 16
available on request with vertical
outlet and/or 2x ZAK 46 outlets



Connector with ZAK 46 outlets
Order no. NL5A
DN 80 - DN 150, PN 16

Connector Socket-Socket
Order no. NL50
DN 80 - DN 200, PN 16

Connector Socket-Socket,
with 2 outlets 2"
Order no. NL51
DN 80 - DN 200, PN 16

Reducing Connector Socket-Spigot
Order no. NL40
DN 80 - DN 300, PN 16

Assembly instruction



Assemble the Hawle Stop and grip ring over the chamfered end of the pipe.
Insert the pipe end through the seal in the BAIO socket and slide the grip ring along the pipe to the face of the BAIO socket.
Ensure that the gripping location area is free from lubricant.
Locate the Hawle-STOP on the external lug of the socket and rotate clockwise to lock.



MMQ-Bend 90° Socket-Socket
Order no. NL30
 DN 80 - DN 200, PN 16
 radius angels 11° - 22° - 30° - 45° on request



MSK-Bend 45° Socket-Spigot
Order no. NL57
 DN 80 - DN 200, PN 16



MMB-Tee Piece
Order no. NL20
 DN 80 - DN 300, PN 16



MTT-Cross Piece
Order no. NL25
 DN 80 - DN 200, PN 16



MMN-Duck Foot Bend
Order no. NL60
 DN 80 - DN 100, PN 16
 available on request with 2 or 3 lateral outlets with female iron thread or ZAK



EN-Duck Foot Bend
Order no. NL65
 DN 80 - DN 100, PN 16
 available on request with 2 lateral outlets with female iron thread or ZAK



Socket-Endcap
Order no. NL47
 DN 80 - DN 200, PN 16

Spigot -Endcap
Order no. NL48
 DN 80 - DN 200, PN 16



S-Piece PN 16
Order no. NL46
 DN 80 - DN 200, PN 16



B-Tee Piece
Order no. NL43
 DN 100/80, 150/80, 200/80, PN 16
 For direct underground hydrant installation in the mainline



EU-Piece Flange - Socket
Order no. NL42
 DN 80 - DN 200, PN 16
Order no. NL42
 DN 150/100, reduced PN 16



F-Piece Flange - Spigot **Order no. NL41**
 DN 80 - 200, PN 16



EMS Piece with WAGA Multi/Joint
 - wide range socket
Order no. NL44 MJ
 DN 80 - DN 200, PN 16



EMS Cut-in Socket Fitting
Order no. NL44
 DN 80 - DN 200, PN 16
 for inserting valves and fittings into existing pipelines



Adaptor Piece
 ZAK-Socket / BAIO-Spigot end
Order no. NL4A
 DN 80 - ZAK 46, PN 16



SM-Adaptor Piece
Order no. NL45
 DN 80 - DN 200
 available on request with ZAK 46 sockets



PE-spigot for welding
Order no. NL87
 DN 80 - DN 200



PEi-End PE-End - BAIO-Spigot End
Order no. NL91
 DN 80 - DN 150



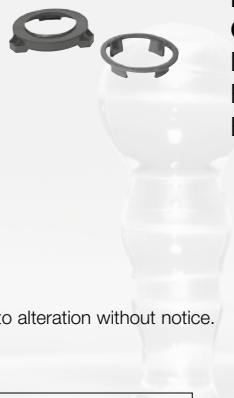
SM-BAIO Socket piece with PE-End
Order no. NL93
 DN 80



TELE below ground Hydrant with BAIO
 (spigot) connection
Best.-Nr. 5059
 DN 80, PN 16
 (in combination with BAIO Spigot End)



Freeflow below ground Hydrant
Order no. 5061
 DN 80, PN 16
 (in combination with BAIO Spigot End)



Dirt Cover and Locking Ring
Order no. NL92
 DN 80
 For below ground Hydrant with
 BAIO-Spigot End

Illustrations, technical data, dimensions and weights are subject to alteration without notice.

distributed by:



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