

SECTION 7

Flexible main stop valves

BROEN
BALLOMAX®

Designed to last

Flexible main stop valve - DN 15 - 20, PN 25

Type 69600 - Full bore

Female x Female
Flexible main stop valve.

Materials
Fully welded ball valve with threaded ends.

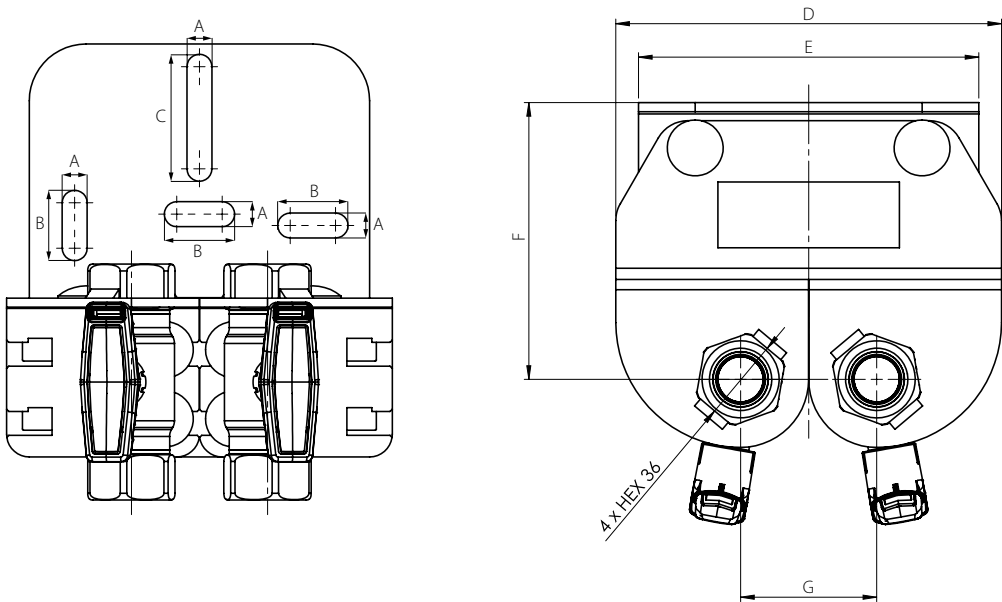
Applications
Heating systems and district heating.

Surface treatment
Eco-friendly protection finish against corrosion.

Notice
Delivered with insulation shells as standard.
Fits both twinpipe and singlepipe.



Dimensions



		All dimensions in mm							
DN	BROEN No.	A	B	C	RG	D	E	F	G
15	69600015 025I	11	31	56	½"	170	150	122-143	60-225
20	69600020 025I	11	31	56	¾"	170	150	122-143	60-225

Flexible main stop valve - DN 15 - 20, PN 25

Type 69601 - Full bore

Welding × Female

Flexible main stop valve.

Materials

Fully welded ball valve with female and welding ends.

Applications

Heating systems and district heating.

Surface treatment

Eco-friendly protection finish against corrosion.

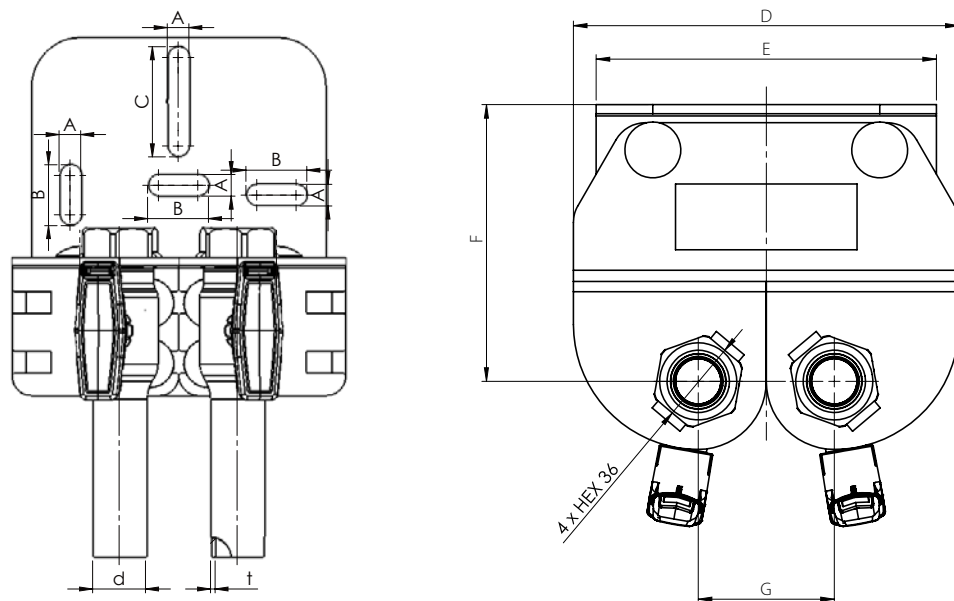
Notice

Delivered with insulation shells as standard.

Fits both twinpipe and singlepipe.



Dimensions



		All dimensions in mm							
DN	BROEN No.	A	B	C	RG	D	E	F	G
15	69601015 025I	11	31	56	1/2"	170	150	122-143	60-225
20	69601020 025I	11	31	56	3/4"	170	150	122-143	60-225

Flexible main stop valve - DN 15 - 20, PN 25

Type 69602 - Full bore

Welding × Welding

Flexible main stop valve.

Materials

Fully welded ball valve with welding ends.

Applications

Heating systems and district heating.

Surface treatment

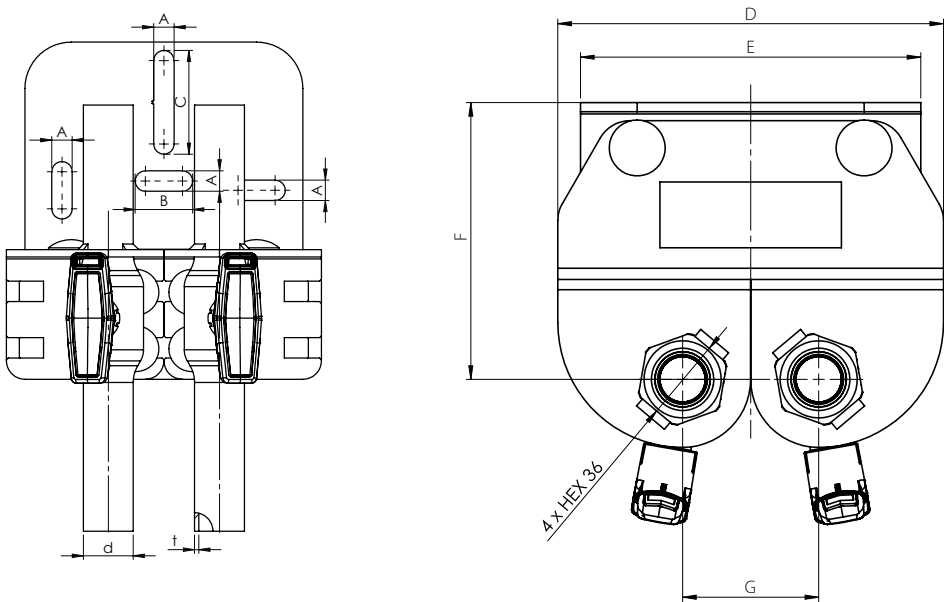
Eco-friendly protection finish against corrosion.

Notice

Delivered with insulation shells as standard.
Fits both twinpipe and singlepipe.



Dimensions



		All dimensions in mm							
DN	BROEN No.	A	B	C	RG	D	E	F	G
15	69602015 025I	11	31	56	½"	170	150	122-143	60-225
20	69602020 025I	11	31	56	¾"	170	150	122-143	60-225

Flexible main stop valve - DN 20 - 25, PN 16

Type 69603 - Full bore

Female × Copper

Flexible main stop valve.

Materials

Fully welded ball valve with threaded and copper ends.

Applications

Heating systems and district heating.

Surface treatment

Eco-friendly protection finish against corrosion.

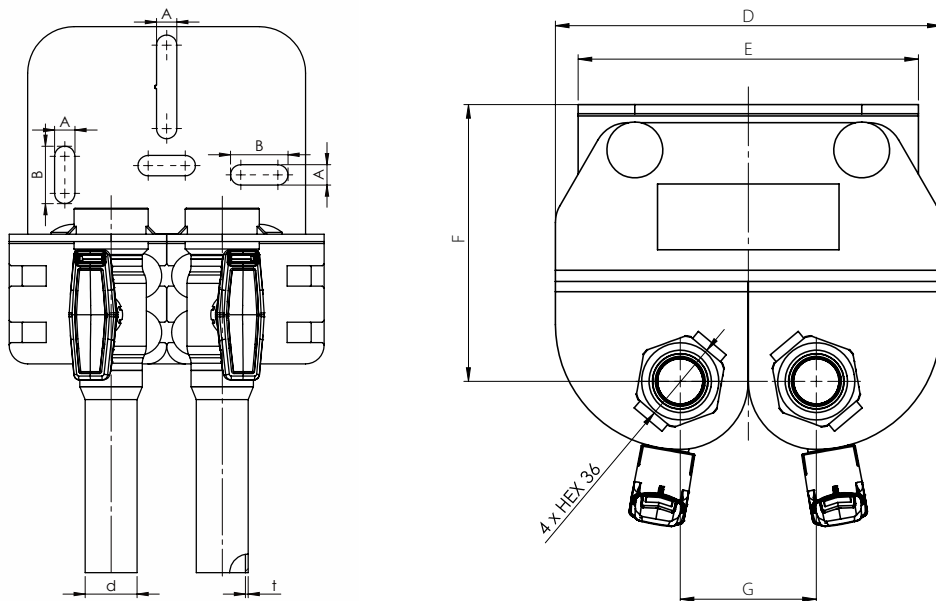
Notice

Delivered with insulation shells as standard.

Fits both twinpipe and singlepipe.



Dimensions



		All dimensions in mm							
DN	BROEN No.	A	B	C	RG	D	E	F	G
20	69603020 025I	11	31	56	¾"	170	150	122-143	60-225
25	69603025 025I	11	31	56	1"	170	150	122-143	60-225

Flexible main stop valve - DN 20 - 25, PN 25

Type 69600S - Reduced bore

Female x Female
Flexible main stop valve.

Materials
Fully welded ball valve with threaded ends.

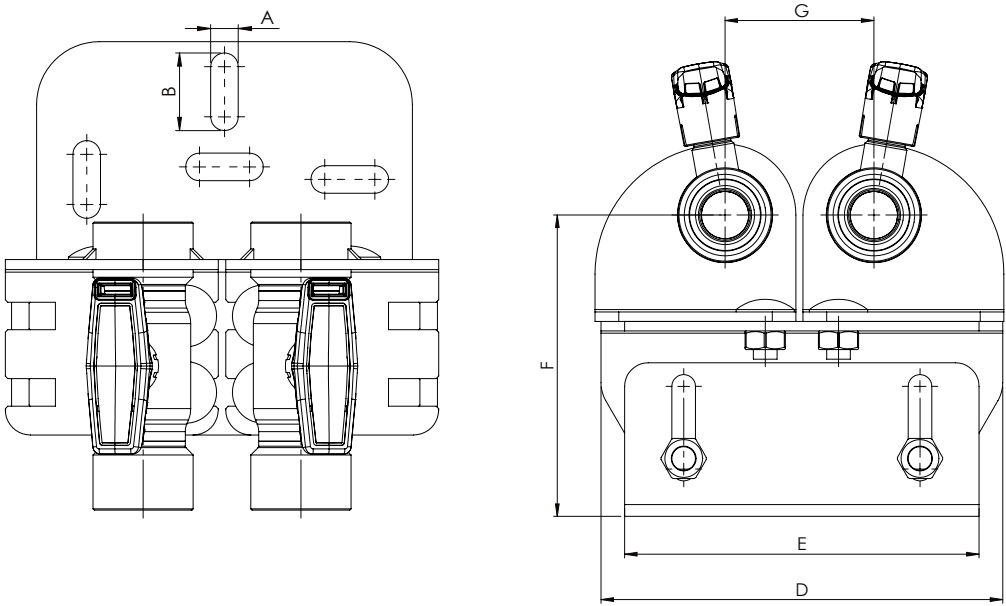
Applications
Heating systems and district heating.

Surface treatment
Eco-friendly protection finish against corrosion.

Notice
Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS		All dimensions in mm						
DN	BROEN No.	A	B	RG	D	E	F	G
20	69600020S78580I	11	31	¾"	170	150	128-158	61-176
25	69600025S78600I	11	31	1"	170	150	128-158	61-176
WITHOUT INSULATION SHELLS		All dimensions in mm						
20	69600020S785800	11	31	¾"	170	150	128-158	61-176
25	69600025S786000	11	31	1"	170	150	128-158	61-176

Flexible main stop valve - DN 20 - 25, PN 25

Type 69600S - Reduced bore

Female × Female

Flexible main stop valve for cabinet.

Materials

Fully welded ball valve with threaded ends.

Applications

Heating systems and district heating.

Surface treatment

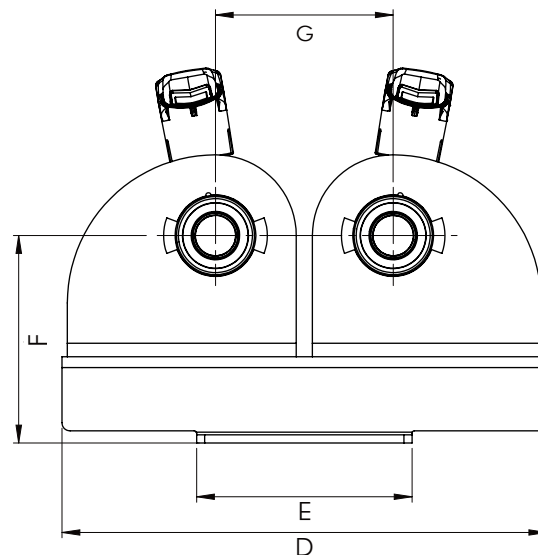
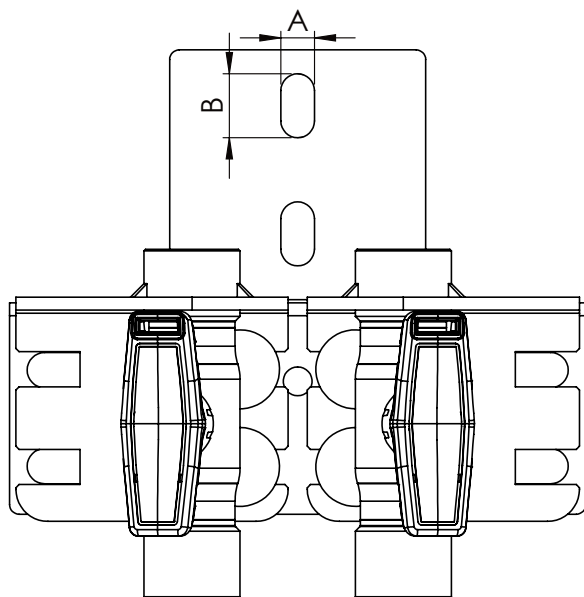
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS		All dimensions in mm						
DN	BROEN No.	A	B	RG	D	E	F	G
20	69600020S78570I	10,5	20	¾"	180	80	77	66-168
25	69600025S78590I	10,5	20	1"	180	80	77	66-168
WITHOUT INSULATION SHELLS		All dimensions in mm						
20	69600020S785700	10,5	20	¾"	180	80	77	66-168
25	69600025S785900	10,5	20	1"	180	80	77	66-168

Flexible main stop valve - DN 20 - 25, PN 25

Type 69607 - Reduced bore

Female x PE-RT

Flexbeslag.

Materials

Fully welded ball valve with threaded ends.

Applications

Heating systems and district heating.

Surface treatment

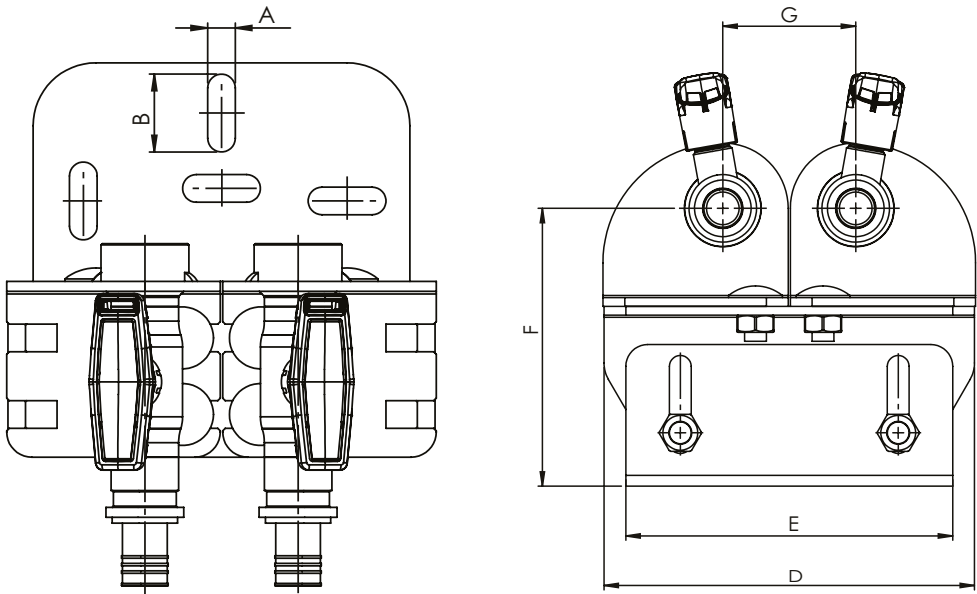
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS		All dimensions in mm						
DN	BROEN No.	A	B	RG	D	E	F	G
20	69607020 025I	11	31	¾"×26,9	170	150	128-158	61-168
25	69607025 025I	11	31	1"×33,7	170	150	128-158	61-168
WITHOUT INSULATION SHELLS		All dimensions in mm						
20	69607020 025	11	31	¾"×26,9	170	150	128-158	61-168
25	69607025 025	11	31	1"×33,7	170	150	128-158	61-168

Flexible main stop valve - DN 20 - 25, PN 25

Type 69608 - Reduced bore

Female × PE-RT

Flexible main stop valve for cabinet.

Materials

Fully welded ball valve with threaded ends.

Applications

Heating systems and district heating.

Surface treatment

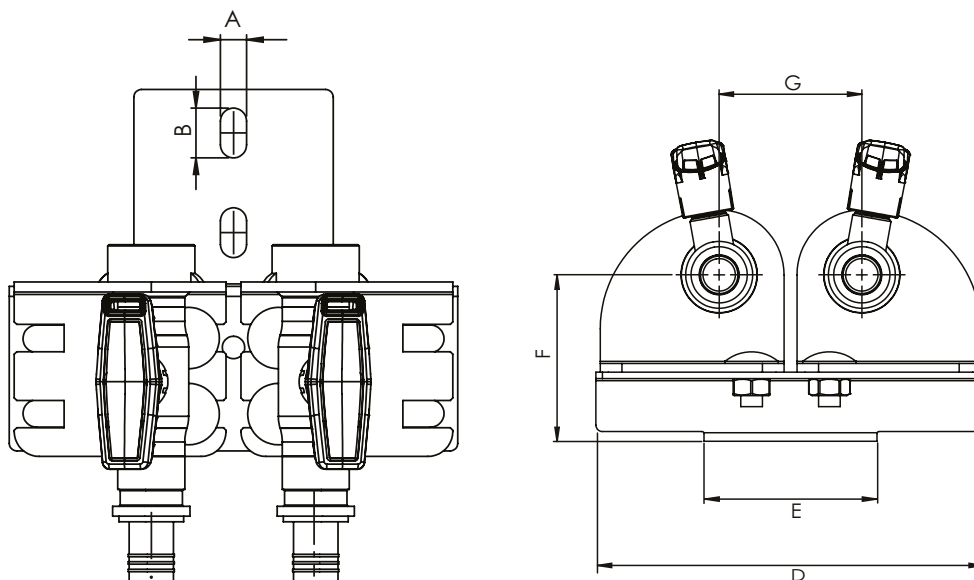
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS		All dimensions in mm						
DN	BROEN No.	A	B	RG	D	E	F	G
20	69608020 025I	10,5	20	¾"×26,9	180	80	77	66-168
25	69608025 025I	10,5	20	1"×33,7	180	80	77	66-168
WITHOUT INSULATION SHELLS		All dimensions in mm						
20	69608020 025	10,5	20	¾"×26,9	180	80	77	66-168
25	69608025 025	10,5	20	1"×33,7	180	80	77	66-168

Flexible main stop valve - DN 20 - 25, PN 25

Type 69605 - Reduced bore

Female × Alupex

Flexbeslag.

Materials

Fully welded ball valve with threaded ends.

Applications

Heating systems and district heating.

Surface treatment

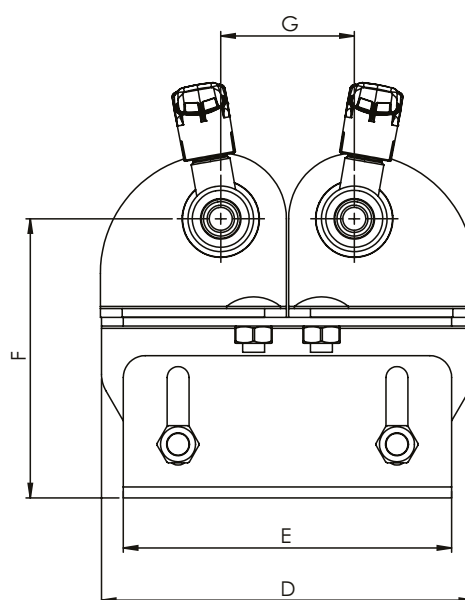
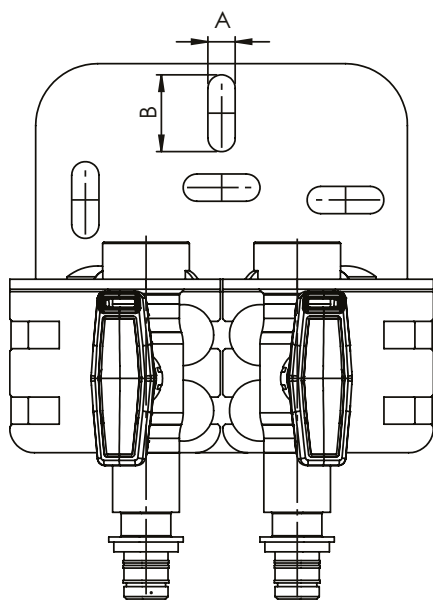
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS			All dimensions in mm						
DN	BROEN No.	Variant	A	B	RG	D	E	F	G
20	69605020 025I	Logstor	11	31	¾"×20	170	150	128-158	61-168
20	69605A20 025I	Logstor	11	31	¾"×26	170	150	128-158	61-168
20	69606B20 025I	ISOPlus	11	31	¾"×20	170	150	128-158	61-168
25	69607B25 025I	ISOPlus	11	31	1"×25	170	150	128-158	61-168
25	69605025 025I	Logstor	11	31	1"×32	170	150	128-158	61-168
WITHOUT INSULATION SHELLS		Variant	All dimensions in mm						
20	69605020 025	Logstor	11	31	¾"×20	170	150	128-158	61-168
20	69605A20 025	Logstor	11	31	¾"×26	170	150	128-158	61-168
20	69606B20 025	ISOPlus	11	31	¾"×20	170	150	128-158	61-168
25	69607B25 025	ISOPlus	11	31	1"×25	170	150	128-158	61-168
25	69605025 025	Logstor	11	31	1"×32	170	150	128-158	61-168

Flexible main stop valve - DN 20 - 25, PN 25

Type 69606 - Reduced bore

Female × Alupex

Flexible main stop valve for cabinet.

Materials

Fully welded ball valve with threaded ends.

Applications

Heating systems and district heating.

Surface treatment

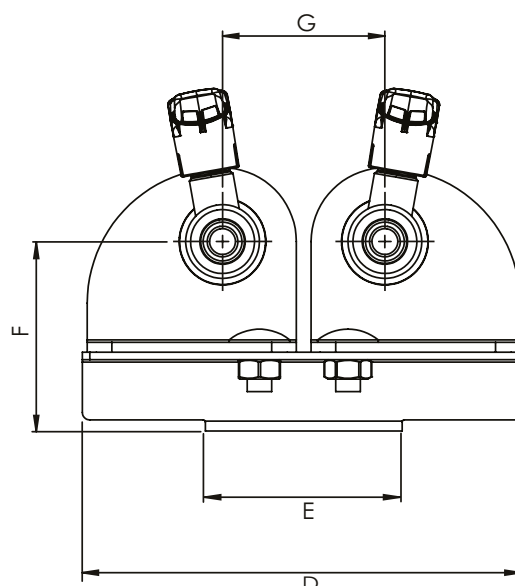
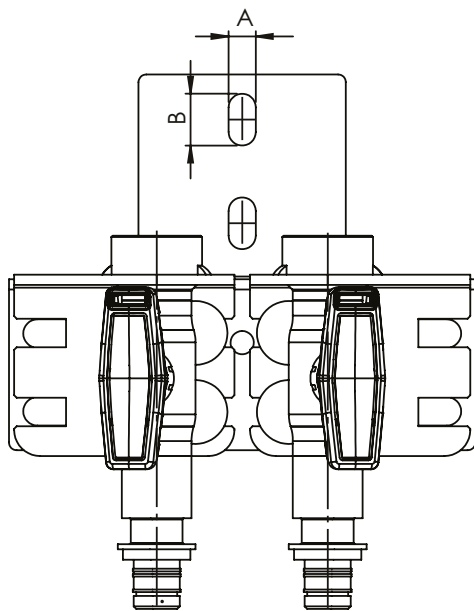
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS			All dimensions in mm						
DN	BROEN No.	Variant	A	B	RG	D	E	F	G
20	69606020 025I	Logstor	10,5	20	¾"×20	180	80	77	66-168
20	69606A20 025I	Logstor	10,5	20	¾"×26	180	80	77	66-168
20	69605B20 025I	ISOPlus	10,5	20	¾"×20	180	80	77	66-168
25	69608B25 025I	ISOPlus	10,5	20	1"×25	180	80	77	66-168
25	69606025 025I	Logstor	10,5	20	1"×32	180	80	77	66-168
WITHOUT INSULATION SHELLS		Variant	All dimensions in mm						
20	69606020 025	Logstor	10,5	20	¾"×20	180	80	77	66-168
20	69606A20 025	Logstor	10,5	20	¾"×26	180	80	77	66-168
20	69605B20 025	ISOPlus	10,5	20	¾"×20	180	80	77	66-168
25	69608B25 025	ISOPlus	10,5	20	1"×25	180	80	77	66-168
25	69606025 025	Logstor	10,5	20	1"×32	180	80	77	66-168

Flexible main stop valve - DN 20 - 25, PN 16

Type 69603S - Reduced bore

Female x Copper

Flexible main stop valve for cabinet.

Materials

Fully welded ball valve with threaded and copper ends.

Applications

Heating systems and district heating.

Surface treatment

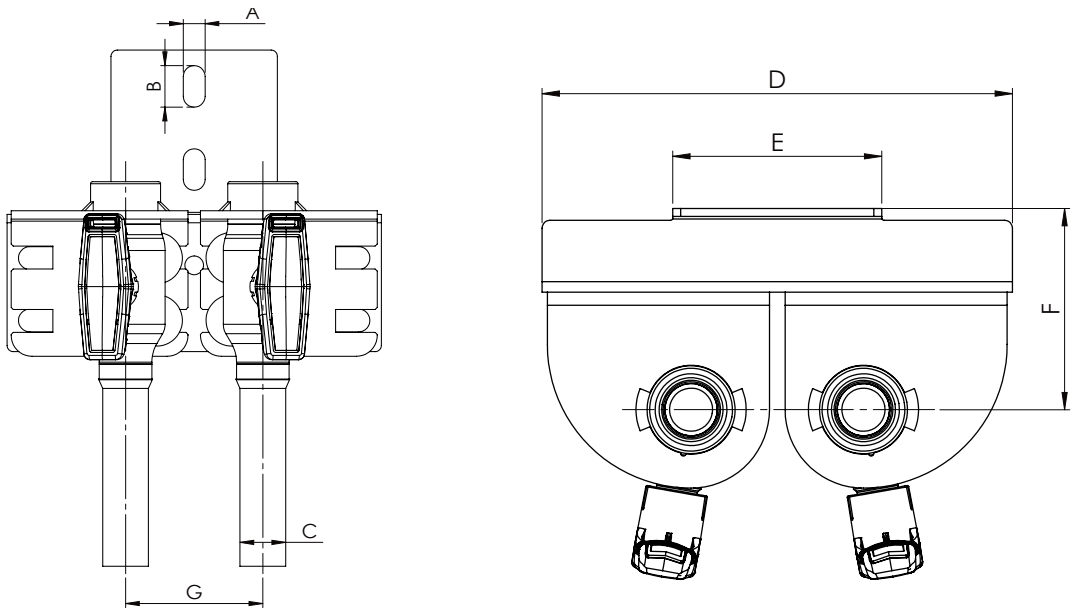
Eco-friendly protection finish against corrosion.

Notice

Fits both twinpipe and singlepipe.



Dimensions



WITH INSULATION SHELLS		All dimensions in mm						
DN	BROEN No.	A	B	C	D	E	F	G
20	69603020S78670I	10,5	20	1"×22	180	80	77	66-168
25	69603025S78690I	10,5	20	1,5"×28	180	80	77	66-168
WITHOUT INSULATION SHELLS		All dimensions in mm						
20	69603020S78670I	10,5	20	1"×22	180	80	77	66-168
25	69603025S78690I	10,5	20	1,5"×28	180	80	77	66-168

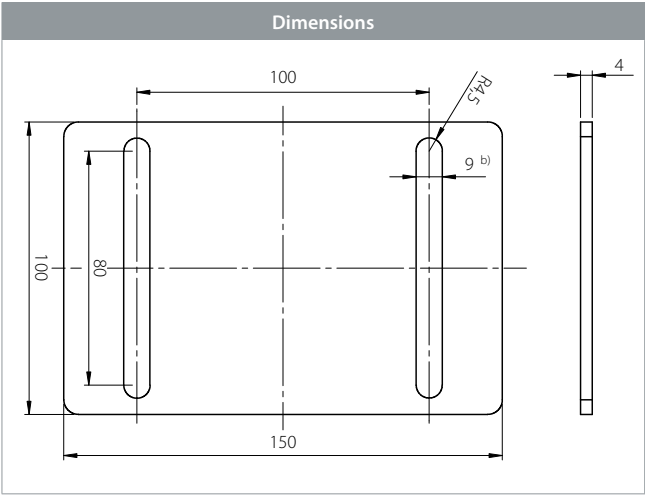
Bracket for extention - DN 15 - 32

Type 316...

Bracket for extention

Surface treatment

Eco-friendly protection finish against corrosion.



DN	BROEN No.	Width - mm	Height - mm	Depth - mm
15 - 25	316800	150	100	4

Insulation shells - DN 15 - 20

Type 600...

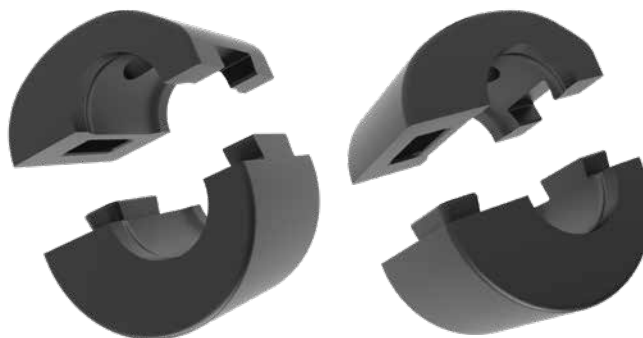
Insulation shells for flexible main stop valves

Materials

Materials:	Polyuretan - black
Class:	B2 iht. DIN 4102
Weight:	55-60 kg/m ²
Thermal conductivity:	0,029 W/mK
Temperature:	Max. 130°C (short term 140°C)

Applications

For insulation of BROEN flexible main stop valves DN 15 - 20FB and DN 20 - 25RB. Set consisting of 2 +2 polyurethan half shells for assembly on flexible main stop valves.



DN	BROEN No.
15FB & 20RB	600825
20FB & 25RB	600826

T-handle - DN 15 - 25

Type 66050



DN	BROEN No.	H - mm	L - mm	B - mm
15 - 25	9015550022	33	70	24.5

Lock fitting - DN 15 - 20FB

Type 600749



DN	BROEN No.
15 - 20 FB	600749