

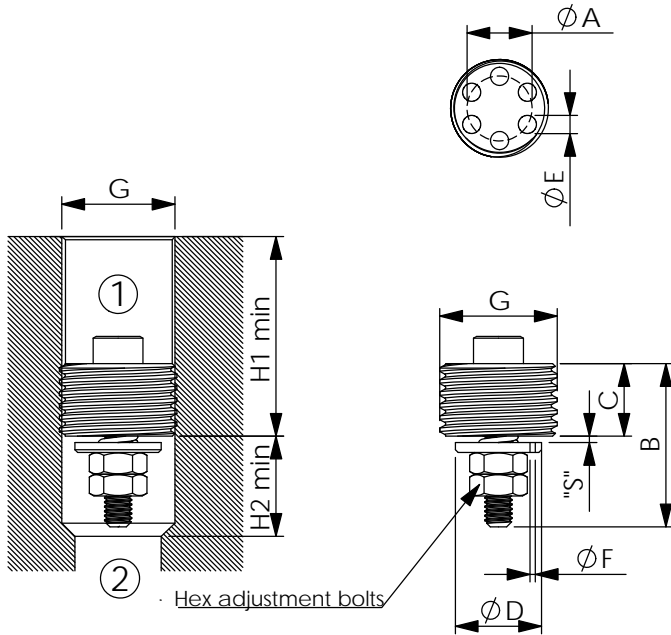


ZAWORY NABOJOWE

Hose Burst Protection

Insert-Type

Ordering Code: **HB-G02-Y-Z** \$ **8.50**

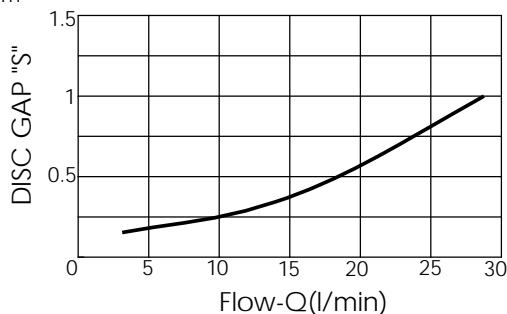


UNIT:mm

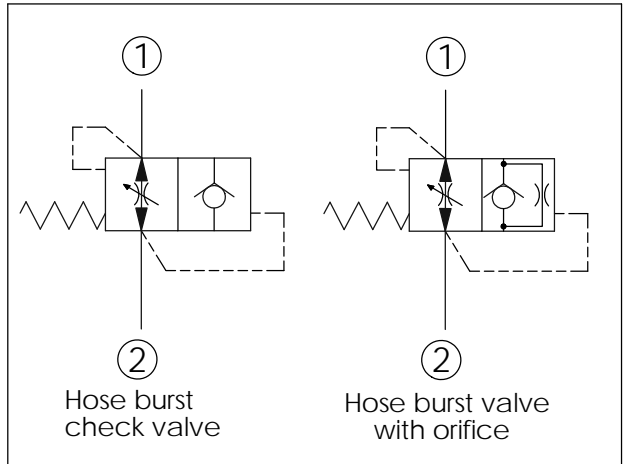
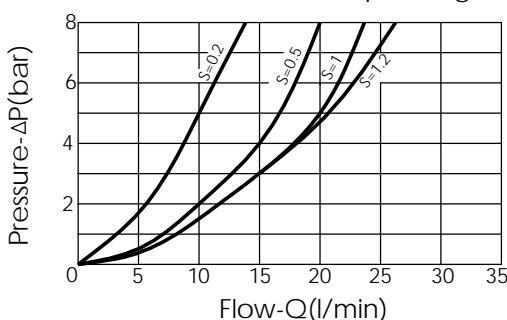
X=	G	A	B	C	D	E	F	H1	H2	Hex
G02	G 1/4"	8.5	18	8	9.5	2.4	on request	25	11	5.5

The valve is only supposed to be operated in case of hose failure. In the case of a hose failure, flow increases across the valve until the maximum safe limit is reached at which point the valve will close. The "S" gap must be adjusted to allow a flow at least 50% over the nominal regulated flow from the actuator. These valves can be supplied (on request) with an orifice on the disc, allowing an emergency lowering of load. It is recommended to fit a flow regulator valve downstream the hose burst valve, at the end of the flexible hose, to control the lowering speed at the nominal value.

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S" = 0.7 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

Max. pressure: 350 bar

Flow: see below graphs ("S"-Q)

Special flow settings are available.
Please contact factory authorized representative for ordering code.

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.007	4	25	2 \pm 1

Y OPERATION

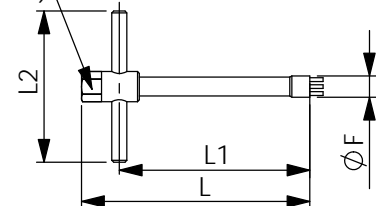
20 Standard Type +\$ 0.00

Z ORIFICE DIAMETER (mm)

Code	no orifice	Price	Orifice Diameter	Flow	Price
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
03	0.3	+\$ 1.00	12	1.2	+\$ 1.00
05	0.5	+\$ 1.00	13	1.3	+\$ 1.00
06	0.6	+\$ 1.00	15	1.5	+\$ 1.00
07	0.7	+\$ 1.00	19	1.9	+\$ 1.00
08	0.8	+\$ 1.00	20	2.0	+\$ 1.00
09	0.9	+\$ 1.00			

FITTING TOOL DIMENSION

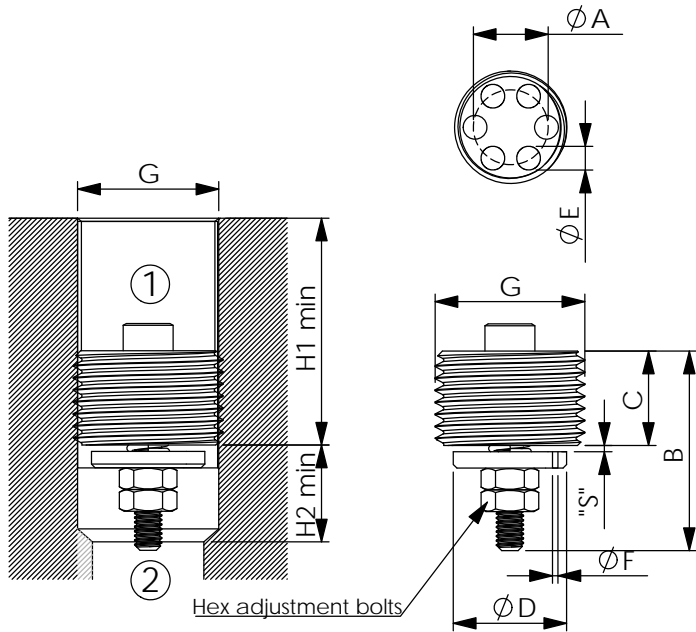
14.0 Hex.
(9/16 inch)



UNIT:mm

F	L	L1	L2	Tool's ordering code	Price
11.3	120	110	60	HBG02-T	+\$30.00

Ordering Code: **HB-G03-Y-Z** \$ **9.80**

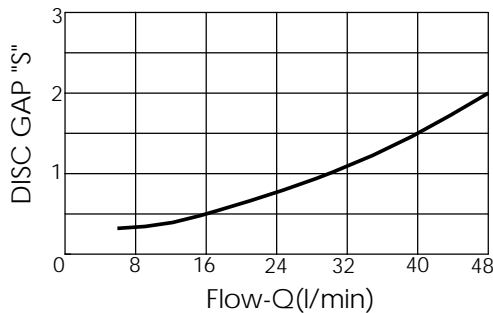


UNIT:mm

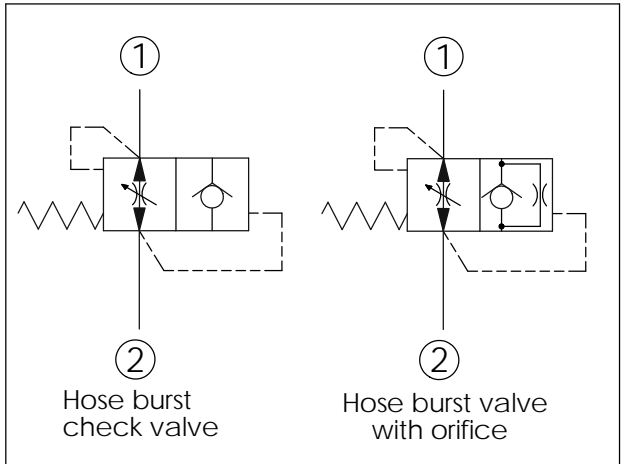
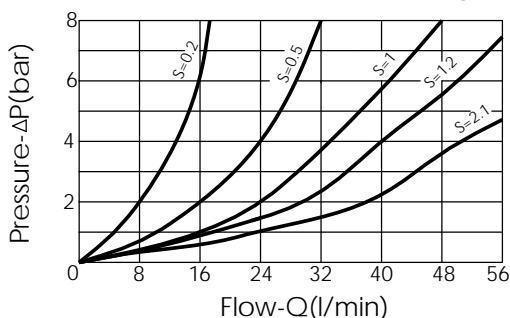
X=	G	A	B	C	D	E	F	H1	H2	Hex
G03	G 3/8"	10.5	20	10.5	12.5	3.5	on request	26	11	5.5

The valve is only supposed to be operated in case of hose failure. In the case of a hose failure, flow increases across the valve until the maximum safe limit is reached at which point the valve will close. The "S" gap must be adjusted to allow a flow at least 50% over the nominal regulated flow from the actuator. These valves can be supplied (on request) with an orifice on the disc, allowing an emergency lowering of load. It is recommended to fit a flow regulator valve downstream the hose burst valve, at the end of the flexible hose, to control the lowering speed at the nominal value.

Performance curves R/flow (allowance can be ±10% from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.0 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

Max. pressure: 350 bar

Flow: see below graphs ("S"-Q)

Special flow settings are available.
Please contact factory authorized representative for ordering code.

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.010	6	50	3±1

Y OPERATION

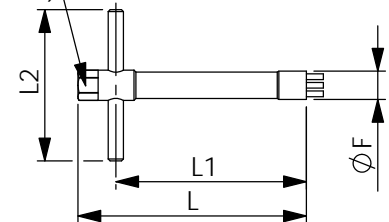
20	Standard Type	+\$ 0.00
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Z ORIFICE DIAMETER (mm)

00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

FITTING TOOL DIMENSION

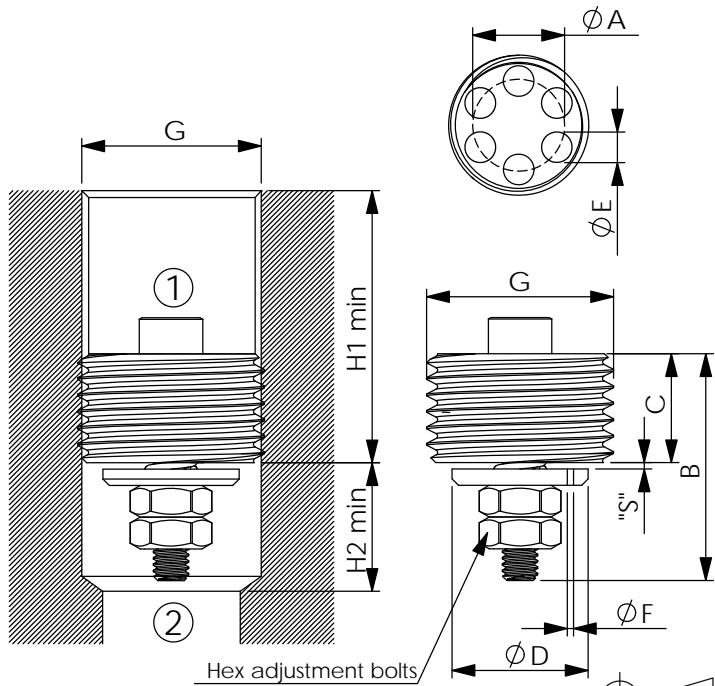
14.0 Hex.
(9/16 inch)



UNIT:mm

F	L	L1	L2	Tool's ordering code	
15	120	108	80	HBG03-T	+\$ 30.00

Ordering Code: **HB-G04-Y-Z** \$ 11.10

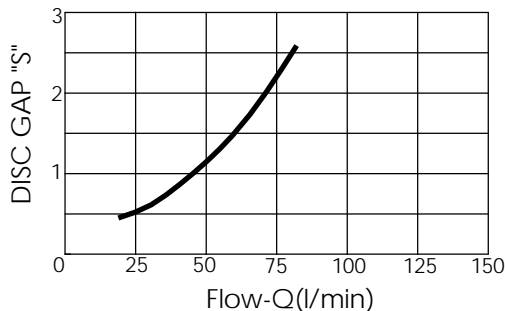


UNIT:mm

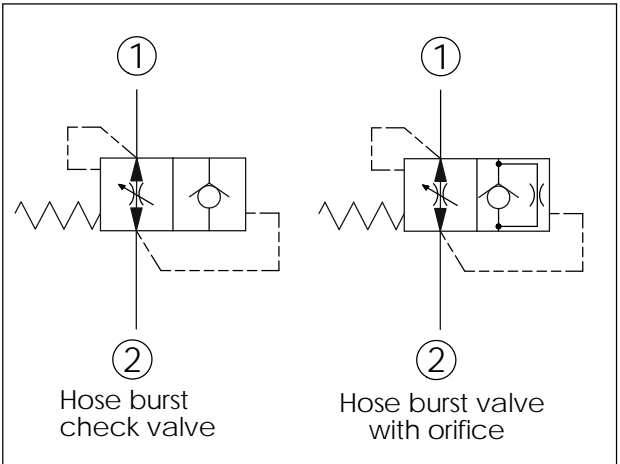
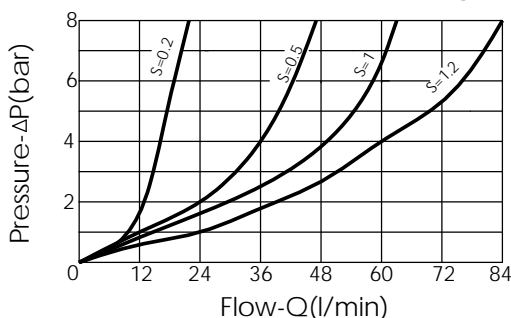
X=	G	A	B	C	D	E	F	H1	H2	Hex
G04	G 1/2"	13	25	12	15	4.5	on request	30	15	7

The valve is only supposed to be operated in case of hose failure. In the case of a hose failure, flow increases across the valve until the maximum safe limit is reached at which point the valve will close. The "S" gap must be adjusted to allow a flow at least 50% over the nominal regulated flow from the actuator. These valves can be supplied (on request) with an orifice on the disc, allowing an emergency lowering of load. It is recommended to fit a flow regulator valve downstream the hose burst valve, at the end of the flexible hose, to control the lowering speed at the nominal value.

Performance curves R/flow (allowance can be ±10% from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.5 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

Max. pressure: 350 bar

Flow: see below graphs ("S"-Q)

Special flow settings are available.
Please contact factory authorized representative for ordering code.

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.025	16	80	3±1

Y OPERATION

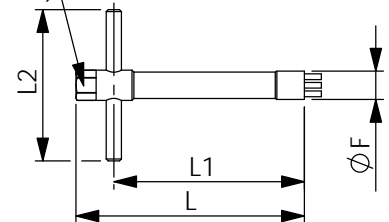
20	Standard Type	+\$ 0.00
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Z ORIFICE DIAMETER (mm)

Code	no orifice	Price	Orifice	Flow	Price
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

FITTING TOOL DIMENSION

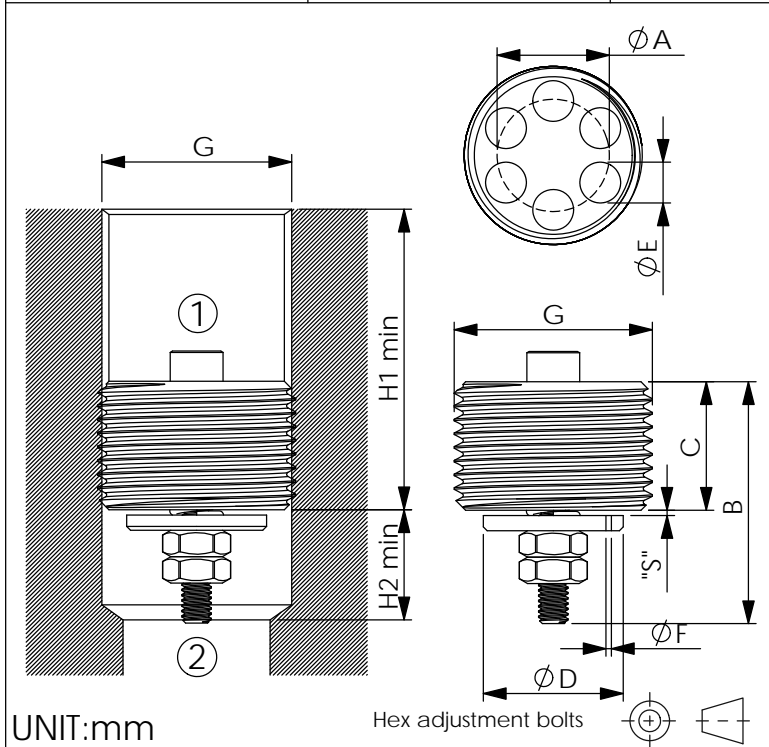
14.0 Hex.
(9/16 inch)



UNIT:mm

F	L	L1	L2	Tool's ordering code	Price
18.8	120	108	80	HBG04-T	+\$ 30.00

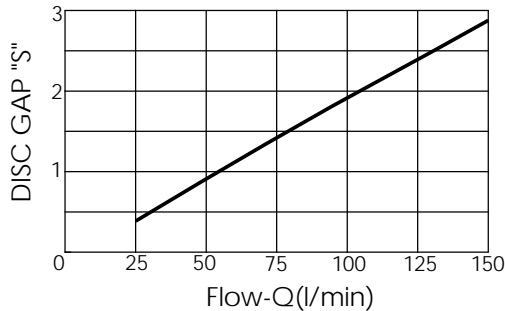
Ordering Code: **HB-G06-Y-Z** \$ 12.40



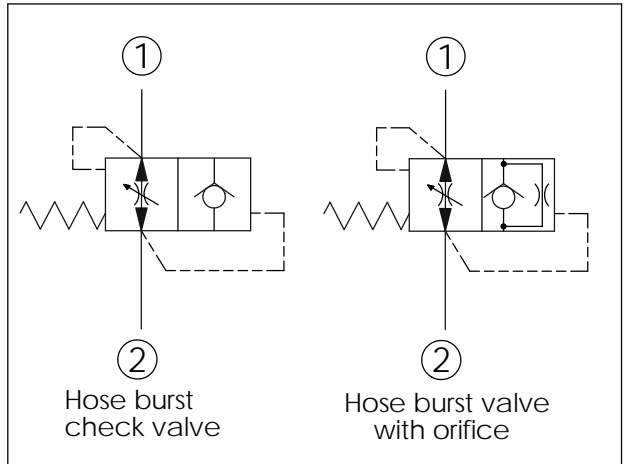
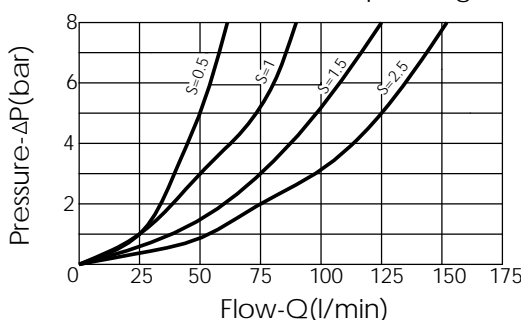
X=	G	A	B	C	D	E	F	H1	H2	Hex
G06	G 3/4"	16	30	17	18	6	on request	38	16	7

The valve is only supposed to be operated in case of hose failure. In the case of a hose failure, flow increases across the valve until the maximum safe limit is reached at which point the valve will close. The "S" gap must be adjusted to allow a flow at least 50% over the nominal regulated flow from the actuator. These valves can be supplied (on request) with an orifice on the disc, allowing an emergency lowering of load. It is recommended to fit a flow regulator valve downstream the hose burst valve, at the end of the flexible hose, to control the lowering speed at the nominal value.

Performance curves R/flow (allowance can be ±10% from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.8 mm



Flow performance from ① to ② depending on S-length



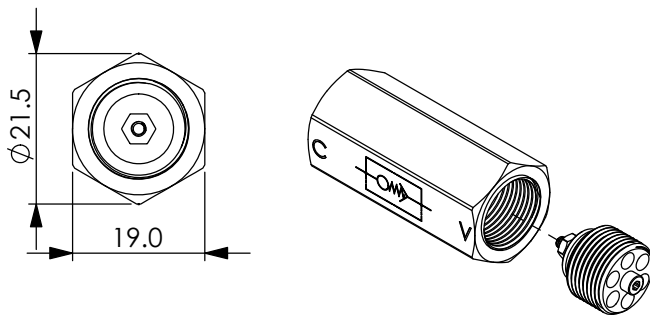
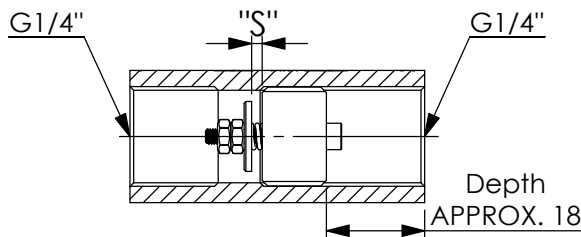
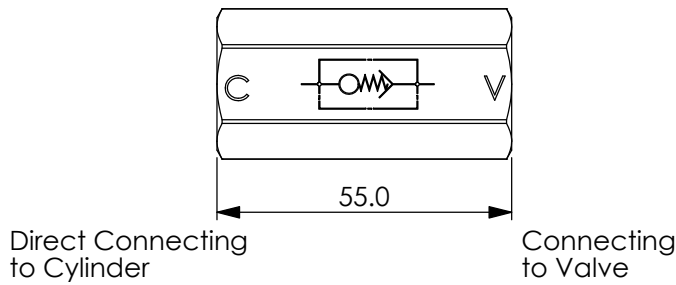
TECHNICAL DATA		
Max. pressure:	350	bar
Flow:	see below graphs ("S"-Q)	
Special flow settings are available. Please contact factory authorized representative for ordering code.		
Weight	Flow	TIGHTENING TORQUE
kg	min max	Cartridge Nm
0.048	25 150	3±1

Y	OPERATION	
20	Standard Type	+\$ 0.00

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

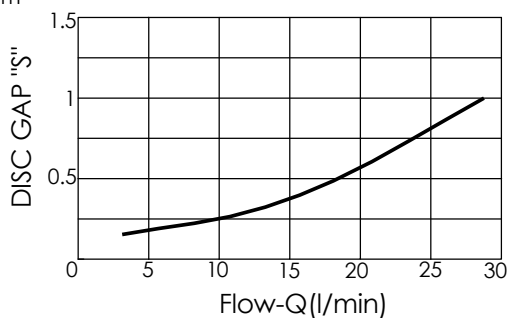
FITTING TOOL DIMENSION				
14.0 Hex. (9/16 inch)				
UNIT:mm				
F	L	L1	L2	Tool's ordering code
24	120	108	80	HBG06-T
				+\$ 30.00

Ordering Code: **MEG02BG02B-HBZ** \$ 14.1

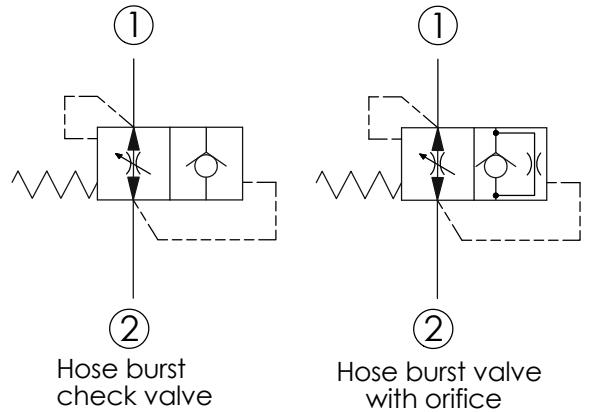
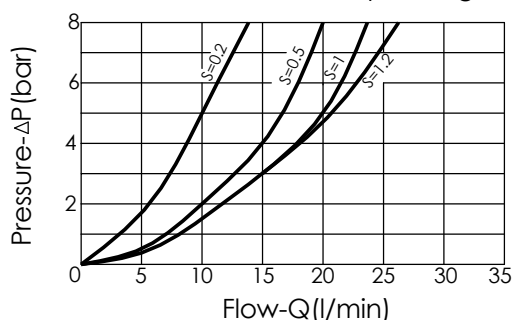


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S" = 0.7 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

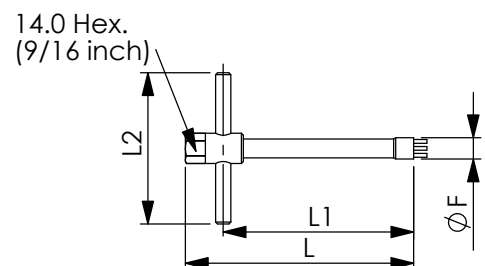
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.082	4	25	2±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
03	0.3	+\$ 1.00	12	1.2	+\$ 1.00
05	0.5	+\$ 1.00	13	1.3	+\$ 1.00
06	0.6	+\$ 1.00	15	1.5	+\$ 1.00
07	0.7	+\$ 1.00	19	1.9	+\$ 1.00
08	0.8	+\$ 1.00	20	2.0	+\$ 1.00
09	0.9	+\$ 1.00			

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

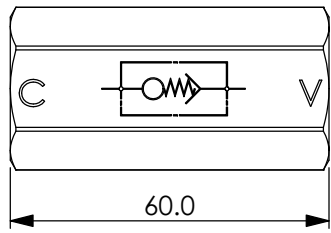


UNIT:mm

F	L	L1	L2	Tool's ordering code	
11.3	120	110	60	HBG02-T	+\$30.00

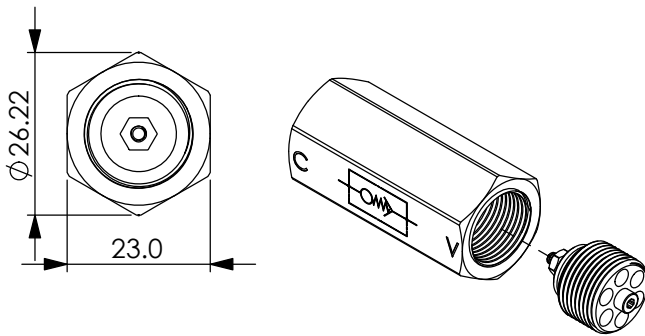
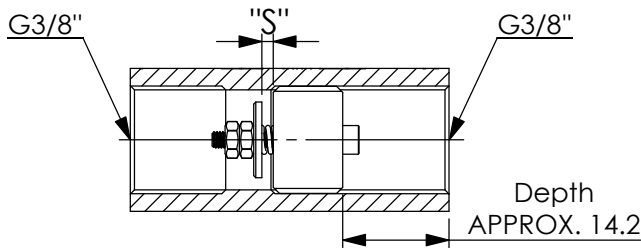
HOST BURST PROTECTION VALVES INSERT-TYPE WITH FEMALE-FEMALE SLEEVE

Ordering Code: **MEG03BG03B-HBZ** \$ 16.9



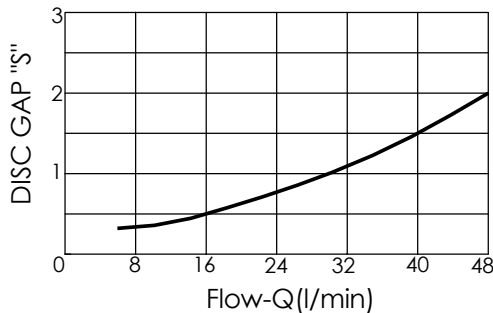
Direct Connecting to Cylinder

Connecting to Valve

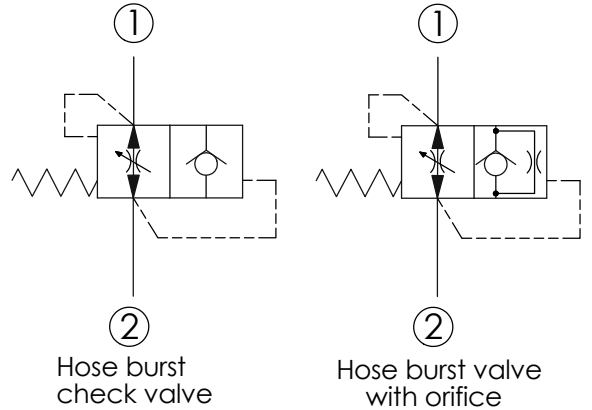
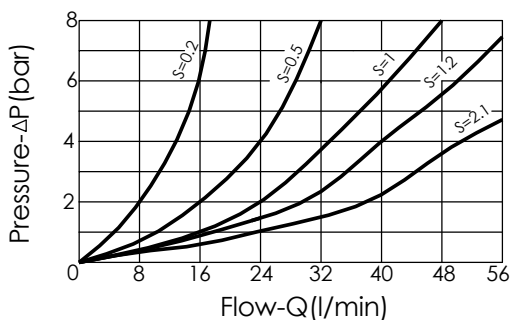


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.0 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

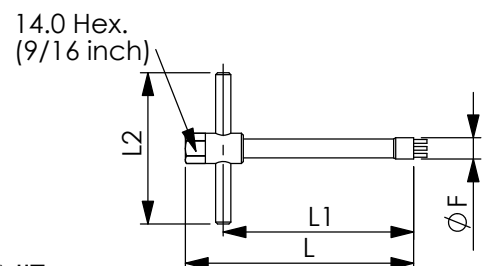
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.122	6	50	3±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

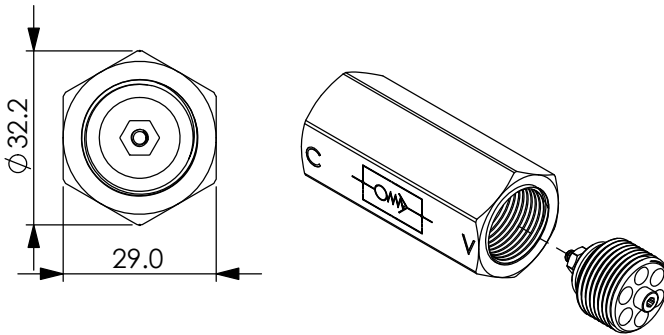
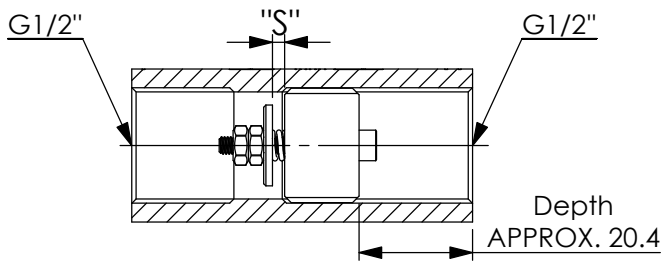
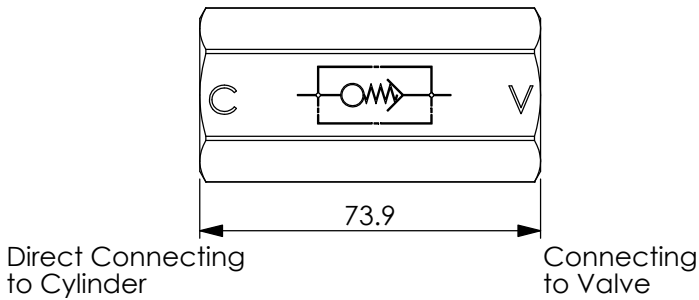


UNIT:mm

F	L	L1	L2	Tool's ordering code	
15	120	108	80	HBG03-T	+\$ 30.00

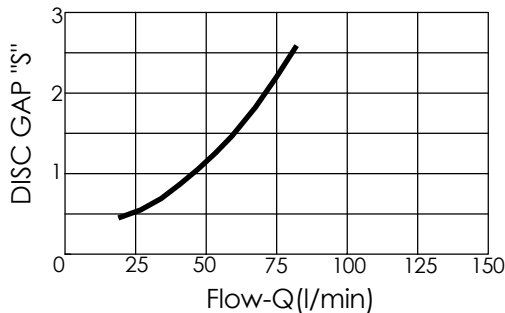
HOST BURST PROTECTION VALVES INSERT-TYPE WITH FEMALE-FEMALE SLEEVE

Ordering Code: **MEG04BG04B-HBZ** \$ 20.8

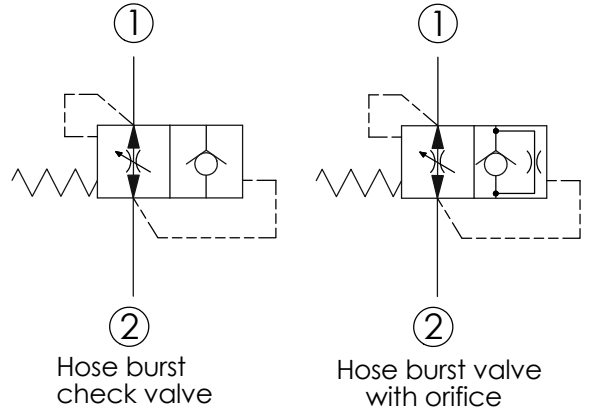
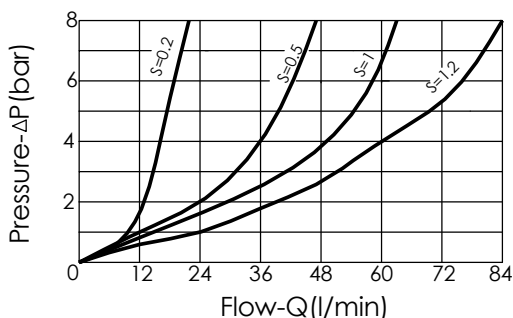


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.5 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

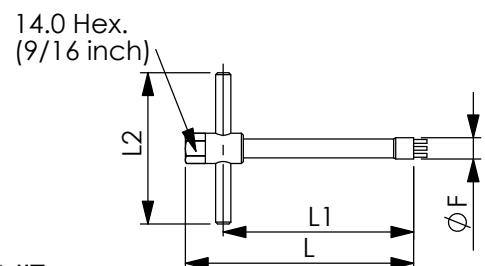
Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.241	16	80	3 \pm 1

Z ORIFICE DIAMETER (mm)

Z	ORIFICE DIAMETER (mm)	Price
00	no orifice	+\$ 0.00
05	0.5	+\$ 1.00
06	0.6	+\$ 1.00
07	0.7	+\$ 1.00
08	0.8	+\$ 1.00
09	0.9	+\$ 1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

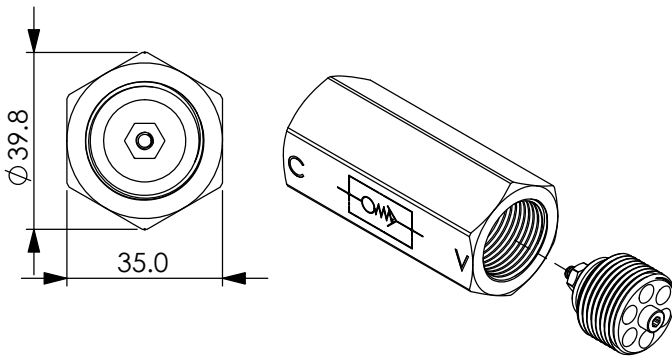
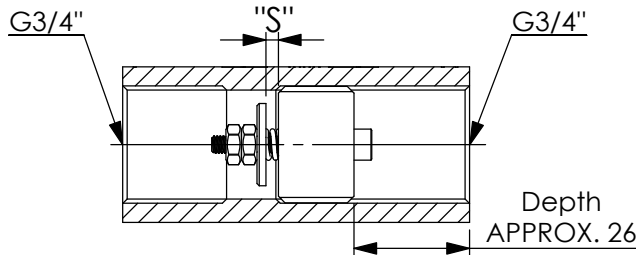
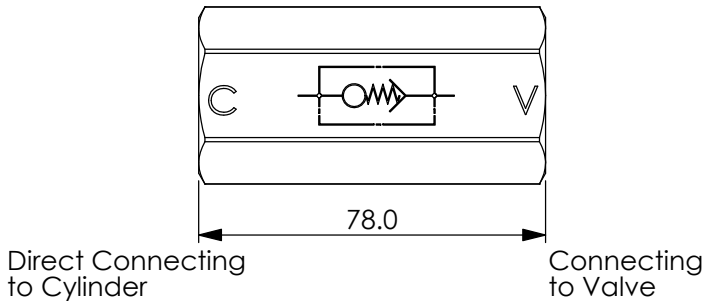


UNIT:mm

F	L	L1	L2	Tool's ordering code	Price
18.8	120	108	80	HBG04-T	+\$ 30.00

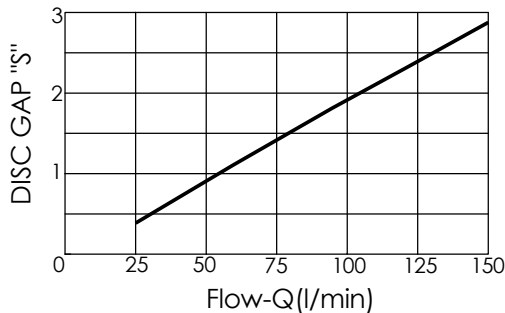
HOST BURST PROTECTION VALVES INSERT-TYPE WITH FEMALE-FEMALE SLEEVE

Ordering Code: **MEG06BG06B-HBZ** \$ 25.4

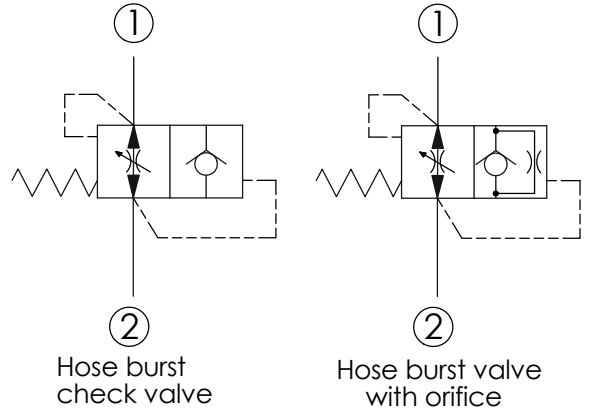
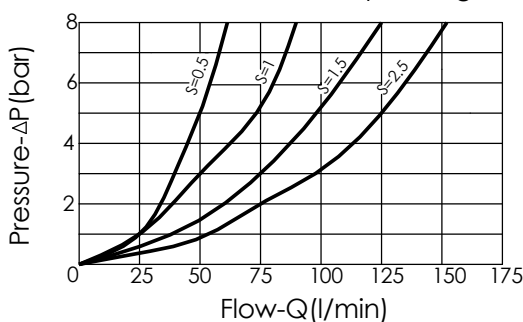


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.8 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

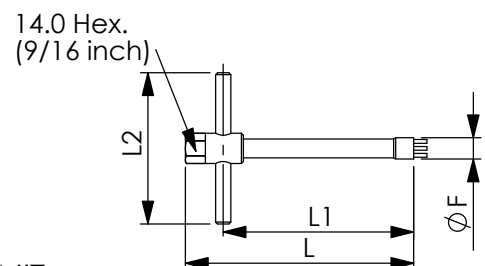
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.335	25	150	3±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

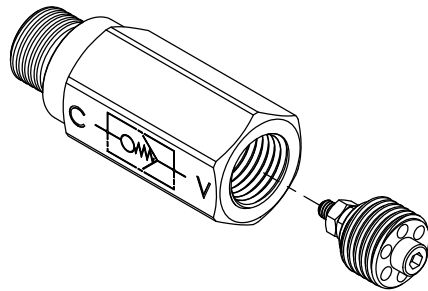
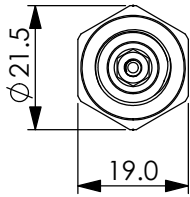
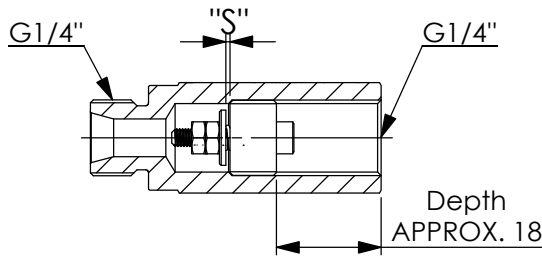
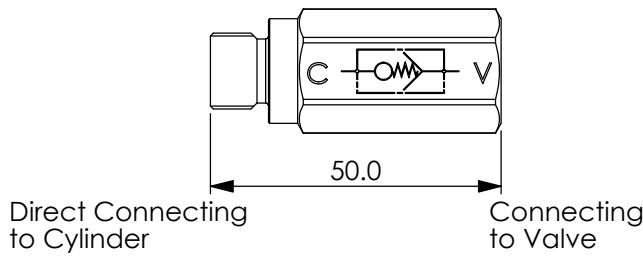


UNIT:mm

F	L	L1	L2	Tool's ordering code	
24	120	108	80	HBG06-T	+\$ 30.00

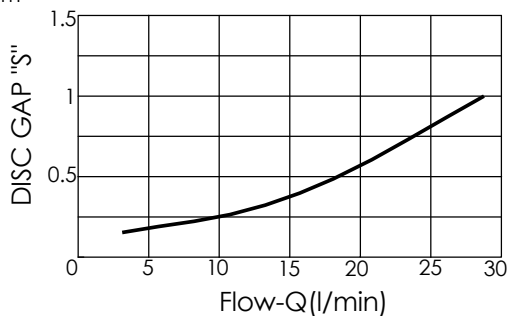
HOST BURST PROTECTION VALVES INSERT-TYPE WITH MALE-FEMALE SLEEVE

Ordering Code: **MEG02BG02A-HBZ** \$ 14.1

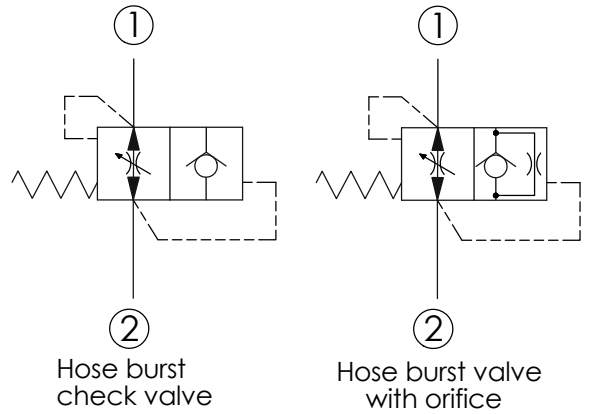
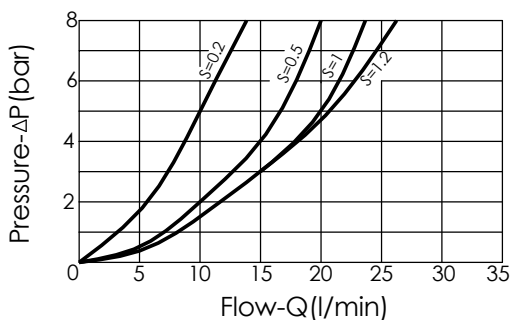


UNIT:mm

Performance curves R/flow (allowance can be ±10% from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 0.7 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

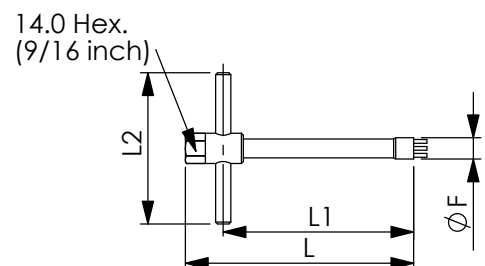
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 µm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.072	4	25	2±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
03	0.3	+\$ 1.00	12	1.2	+\$ 1.00
05	0.5	+\$ 1.00	13	1.3	+\$ 1.00
06	0.6	+\$ 1.00	15	1.5	+\$ 1.00
07	0.7	+\$ 1.00	19	1.9	+\$ 1.00
08	0.8	+\$ 1.00	20	2.0	+\$ 1.00
09	0.9	+\$ 1.00			

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

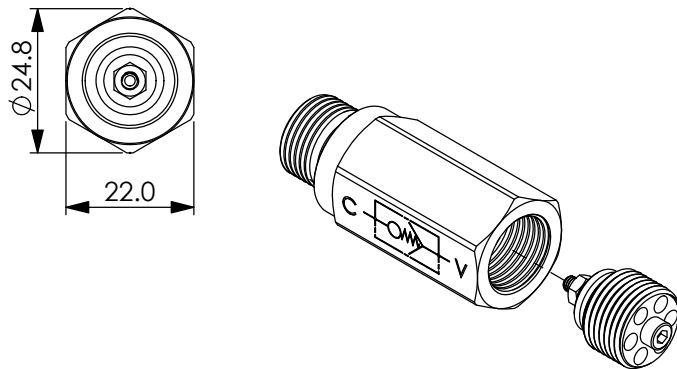
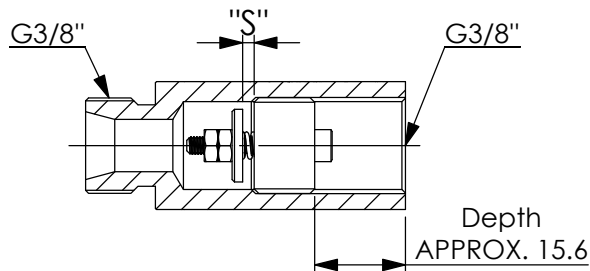
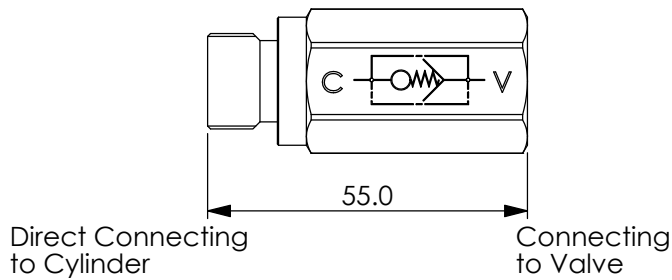


UNIT:mm

F	L	L1	L2	Tool's ordering code	
11.3	120	110	60	HBG02-T	+\$30.00

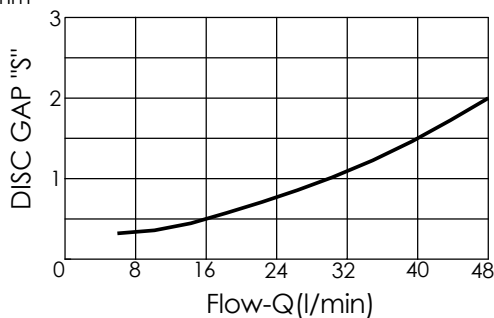
HOST BURST PROTECTION VALVES INSERT-TYPE WITH MALE-FEMALE SLEEVE

Ordering Code: **MEG03BG03A-HBZ** \$ 17.8

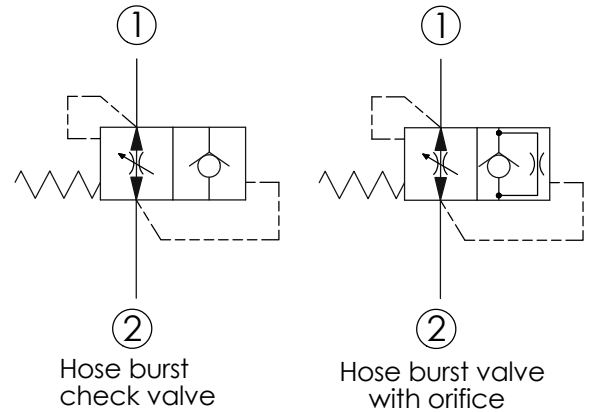
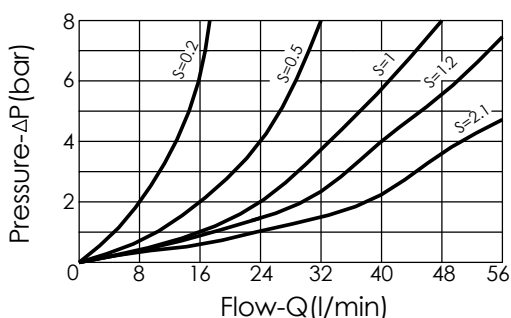


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.0 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

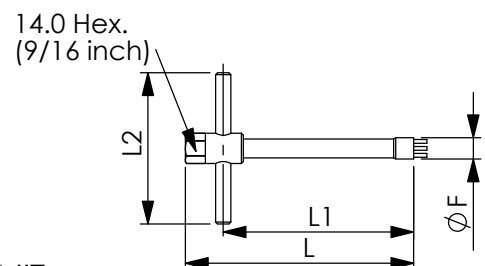
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.098	6	50	3±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

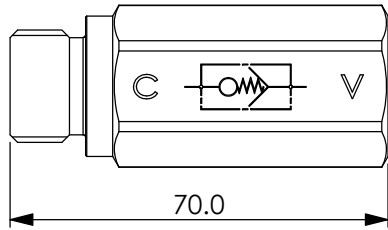


UNIT:mm

F	L	L1	L2	Tool's ordering code	
15	120	108	80	HBG03-T	+\$ 30.00

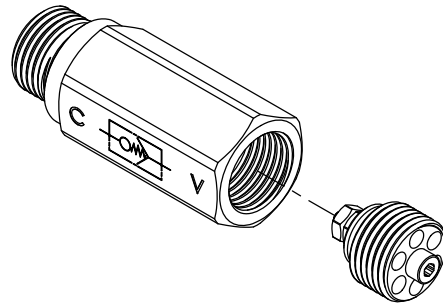
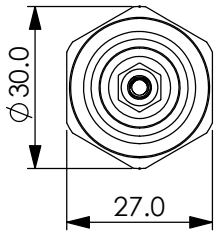
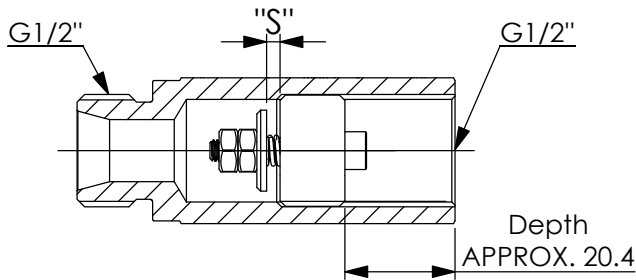
HOST BURST PROTECTION VALVES INSERT-TYPE WITH MALE-FEMALE SLEEVE

Ordering Code: **MEG04BG04A-HBZ** \$ 20.8



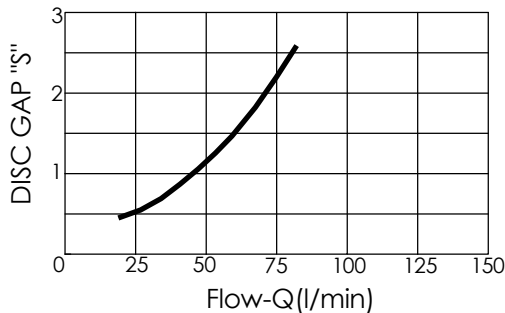
Direct Connecting to Cylinder

Connecting to Valve

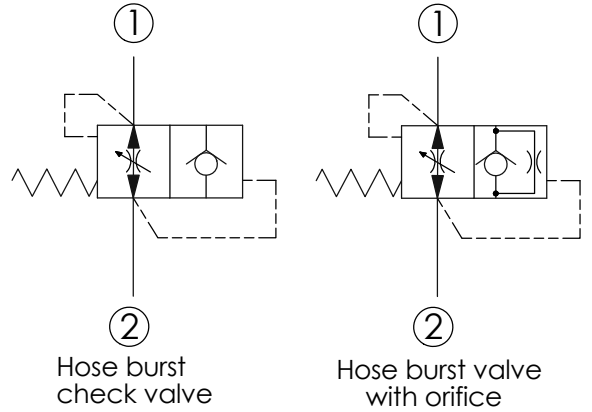
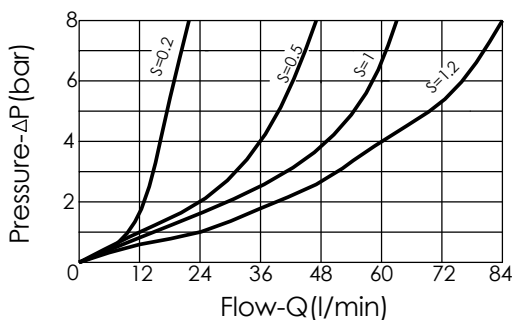


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.5 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

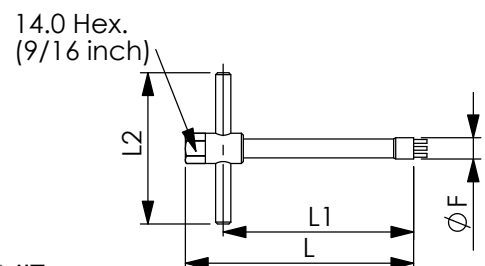
Max. pressure:	350	bar
Fluids-Temperatures:	-40 to 120 °C	
Filtration:	25 μm nominal or better	

Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.187	16	80	3±1

Z	ORIFICE DIAMETER (mm)				
00	no orifice	+\$ 0.00	10	1	+\$ 1.00
05	0.5	+\$ 1.00	12	1.2	+\$ 1.00
06	0.6	+\$ 1.00	13	1.3	+\$ 1.00
07	0.7	+\$ 1.00	15	1.5	+\$ 1.00
08	0.8	+\$ 1.00	19	1.9	+\$ 1.00
09	0.9	+\$ 1.00	20	2.0	+\$ 1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION

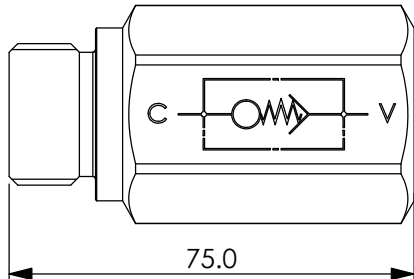


UNIT:mm

F	L	L1	L2	Tool's ordering code	
18.8	120	108	80	HBG04-T	+\$ 30.00

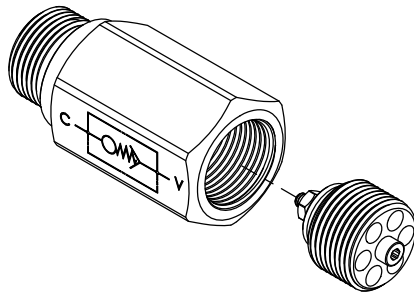
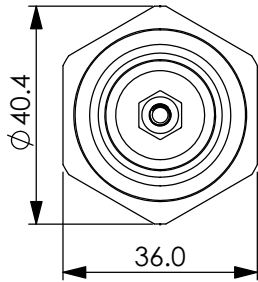
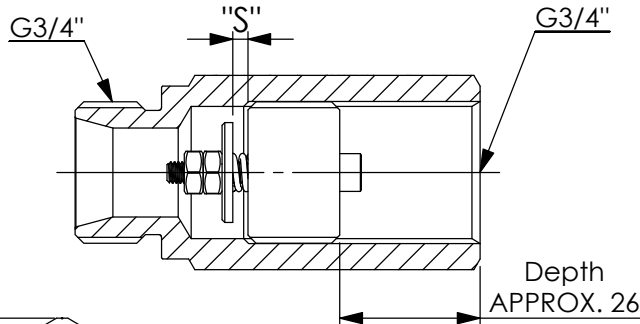
HOST BURST PROTECTION VALVES INSERT-TYPE WITH MALE-FEMALE SLEEVE

Ordering Code: **MEG06BG06A-HBZ** \$ 25.4



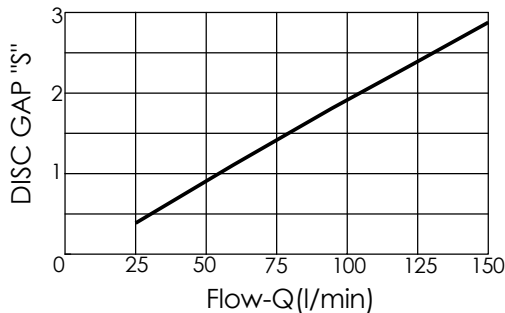
Direct Connecting to Cylinder

Connecting to Valve

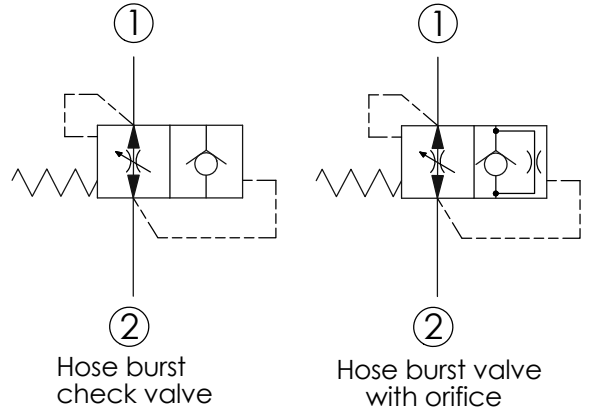
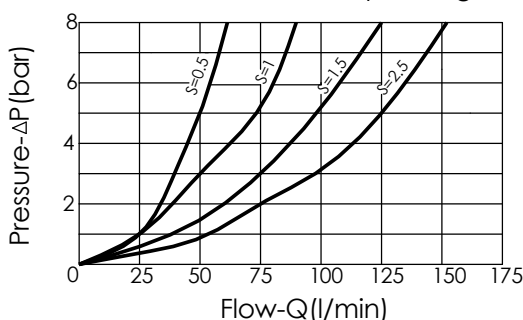


UNIT:mm

Performance curves R/flow (allowance can be $\pm 10\%$ from the curve)
After assembling the valves are preadjusted at the following valves
"S"= 2.8 mm



Flow performance from ① to ② depending on S-length



TECHNICAL DATA

Max. pressure: 350 bar
Fluids-Temperatures: -40 to 120 °C
Filtration: 25 μm nominal or better

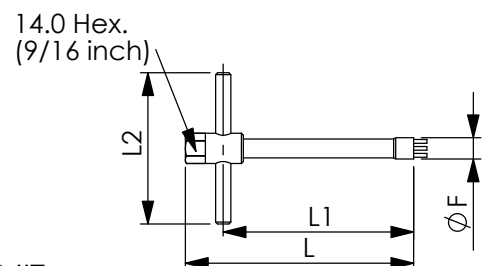
Weight kg	Flow		TIGHTENING TORQUE Cartridge Nm
	min	max	
0.354	25	150	3±1

Z ORIFICE DIAMETER (mm)

Z	no orifice	+	+	+	+
00	no orifice	0.00	10	1	1.00
05	0.5	1.00	12	1.2	1.00
06	0.6	1.00	13	1.3	1.00
07	0.7	1.00	15	1.5	1.00
08	0.8	1.00	19	1.9	1.00
09	0.9	1.00	20	2.0	1.00

Available on request: orifice in the washer, ensuring a slow descent of the load with valve in closed position.
Orifice diameter has to be specified when ordering.

FITTING TOOL DIMENSION



UNIT:mm

F	L	L1	L2	Tool's ordering code	+
24	120	108	80	HBG06-T	30.00

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