

# Tube-Hose Quick-Disconnect Coupling of Series DBG-SV

DN 25 to DN 65 (G)

Double shutoff, dry-break and connectable under residual pressure

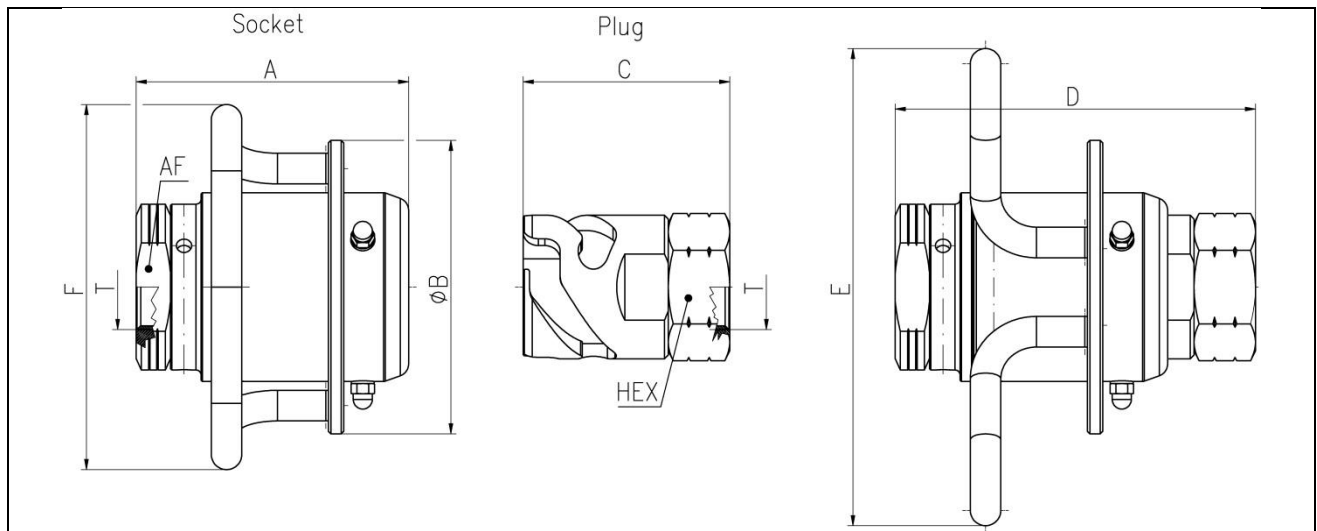
Technical data of Series DBG-SV			
Series	Nominal diameter	Admissible operating pressure [bar]*	max. loss through wetting of valves [ml]
DBG-SV8	DN 25	65	0,1
DBG-SV12	DN 40	40	0,3
DBG-SV16	DN 50	25	2,2
DBG-SV20	DN 65	16	3,6

\*static, coupled at 20°C

Options	
Materials	Seals
· Stainless steel (1.4404 or 1.4571)	· NBR
<b>Temperature range</b>	· FPM
-80°C to +260°C (depending on type of seal)	· EPDM
	· CR
	· FVMQ
	· FFKM
	· etc. (also FDA-konform)

Hose couplings of type DBG-SV are fitted with automatically closing shut-off valves. Upon disconnection no fluid will escape from hose or tank, and when the connection is made neither air nor dirt will enter the line system. These dry-break hose couplings offer a high degree of safety when fueling, filling in or refilling fluid since despite repeated coupling operations damage to the environment or hazard to persons due to spilled fluid is ruled out. The fluid will not come into contact with ambient air. Connecting and disconnecting is a very simple and easy task even when the lines are under residual pressure.

During coupling socket and plug are pushed into each other. The coupling is sealed off towards the outside. By a good one-third turn socket and plug interlock and open the valves so that the fluid passage is cleared. Because of the coupling design without dead spots air cannot ingress when the coupling is connected; neither can spillage occur during separation.



Dimensions Series DBG-SV								
Series	T Thread**	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Width across flats
								Socket / Plug
								[mm]
DBG-SV8	1	107	115	81	142	172	143	55 & Ø6/50
DBG-SV12	1 1/2	135	115	103	187	187	143	65/70
DBG-SV16	2	145	119	104	195	197	142	75/65
DBG-SV20	2 1/2	152	140	133	228	232	142	95/90

Subject to technical alterations, errors and misprints excepted

\*\* Chart for C

## Capacity Chart Series DBG-SV

