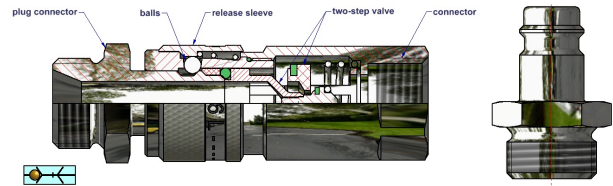


LOW PRESSURE COUPLING, 152 - NOMINAL FLOW DIAMETER 10 - STAINLESS STEEL



**TECHNIQUE**

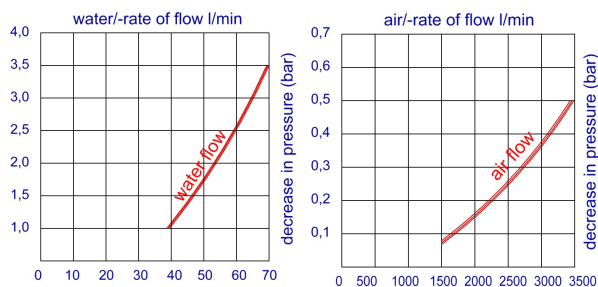
Single-handed coupling with automatic 6-point lock with balls. The coupling process is started by pushing the plug connector in until the balls engage audibly. The uncoupling process is started by pushing the release sleeve back in the direction of the connection. The valve returns to its original position. Advantage of this double stage valve is the low bonding force of plug connector and coupling.

**ANWENDUNGSBEREICHE**

- medical technology
- general industrial supplies
- stainless steel/steel

**PRESSURE RANGE**

The coupling can be statically loaded up to 35 bar without pulsation.



**MATERIALS COUPLING**

Basic body, release sleeve, connection, valve AISI 316L-electropolished  
 Pressure springs AISI 316Ti  
 Balls AISI 316

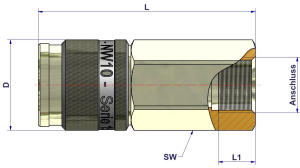
**MATERIALS GASKET**

Seals made of fluorine elastomer (FPM)  
 Hardness of material 70 Shore  
 Temperature range -25°C through +200°C  
 Temperature range -25°C through +300°C (allowed for short periods)  
 Gas permeability coefficient (Ø)= 3  
 Resistant to mineral oils, fuels, chlorinated hydrocarbons, synthetic hydraulic fluids, hot air and many chemicals (on request)

**MATERIALS CONNECTION**

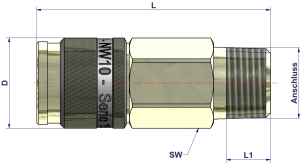
Plug connector AISI 316L-electropolished

LOW PRESSURE COUPLING, 152 - NOMINAL FLOW DIAMETER 10 - STAINLESS STEEL



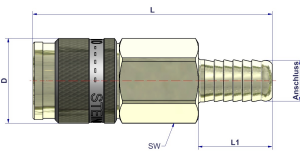
FEMALE COUPLING

Connection	L	L1	D	SW	Order number
G1/4			27	24	152.00.KV0N.IG014.4EV
G3/8			27	24	152.00.KV0N.IG038.4EV
G1/2	66	12	27	24	152.00.KV0N.IG012.4EV
G3/4	70	16	27	32	152.00.KV0N.IG034.4EV



MALE COUPLING

Connection	L	L1	D	SW	Order number
G1/4			27	24	152.00.KV0N.AG014.4EV
G3/8			27	24	152.00.KV0N.AG038.4EV
G1/2			27	24	152.00.KV0N.AG012.4EV
G3/4			27	27	152.00.KV0N.AG034.4EV



HOSE TAIL PLUG

Connection	L	L1	D	SW	Order number
LW13			27	24	152.00.KV0N.ST013.4EV
LW16			27	24	152.00.KV0N.ST016.4EV
LW19			27	24	152.00.KV0N.ST019.4EV

FEMALE PLUG

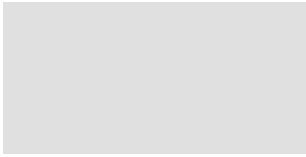
Connection	L	L1	L2	SW	Order number
G1/4			22		152.00.S000.IG014.4EV
G3/8			22		152.00.S000.IG038.4EV
G1/2	49	12	22	24	152.00.S000.IG012.4EV

MALE PLUG

Connection	L	L1	L2	SW	Order number
G1/4			22		152.00.S000.AG014.4EV
G3/8			22		152.00.S000.AG038.4EV
G1/2	40	20	22	24	152.00.S000.AG012.4EV
G3/4			22		152.00.S000.AG034.4EV

LOW PRESSURE COUPLING, 152 - NOMINAL FLOW DIAMETER 10 - STAINLESS STEEL

HOSE TAIL PLUG



Connection	L	L1	L2	Order number
LW9			22	152.00.S000.ST009.4EV
LW13			22	152.00.S000.ST013.4EV
LW16			22	152.00.S000.ST016.4EV
LW19			22	152.00.S000.ST019.4EV