



# High pressure ball valve SI-C, steel

## With swivelling Steck-O connector

**DN 10 - 19 (20) PN max. 500 bar**

**Series** 15 – female - male connector  
16 – female - female connector

**Temperature range** Standard: -10°C to +90°C  
On request: -50°C to +250°C

**Range of use** Liquids: Liquids group 1 and 2 according to PED 2014/68/EU Article 13  
Gases: Liquids group 1 and 2 according to PED 2014/68/EU Article 13  
As a matter of principle, the resistance to the flow medium must be ensured.

**Technical specification** Ball valve SI-C is designed as a ball valve with swivelling female connector and with one screwed-in connector.  
The stem is fitted blowout-proof from the outside. Fast fitment in suitable HD line systems is possible by means of the male/female connection variant.  
With the safety locking handle (SIBK-C) option, apart from the one-sided lock in closed position, the positions can also be fixed on both sides. Also available with locking capability.

### Safety locking handle– Choice of colours

Retaining nut



Retaining nut lockable and rotatable



Red



Silver



Yellow



Black



Green



Orange



White



Blue

Please ask separately, where requirements exceed the standard conditions of use listed in this data sheet.

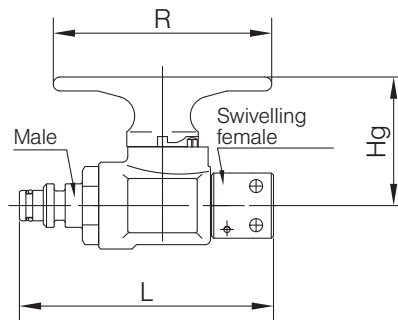
As a matter of principle, the operating and maintenance instructions, in particular the safety instructions must be observed!

Operating and maintenance instructions as well as the approval certificates can be downloaded at [www.von-scheven.de](http://www.von-scheven.de).

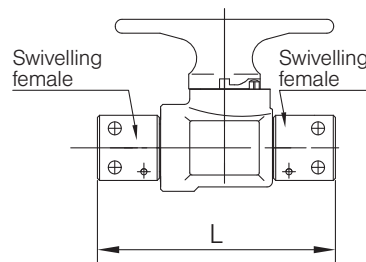
We reserve the right to carry out technical modifications.

## Technical data SI-C

### Connection 15



### Connection 16



#### Series 15 (swivelling female – male)

Steck-O DN	PN bar	L mm	B mm	R mm	Hg mm	Weight kg
10	500	117*	40	110	62	0.8
12	500	117	40	110	62	0.8
19 (20)	450	117	40	110	62	1.0

\* Based on DN08 L=111mm

#### Series 16 (swivelling female – swivelling female)

Steck-O DN	PN bar	L mm	B mm	R mm	Hg mm	Weight kg
10	500	120	40	110	62	0.9
12	500	120	40	110	62	0.9
19 (20)	450	120	40	110	62	1.1

**Example of order:** Ball valve type SI-C made of steel with connector: Steck-O DN 12 male – swivelling female (series 15) with safety shut-off handle **SI-C 12 15**

#### Parts list SI-C

Pos.	Designation	Material*
10	Body	Steel
20	Fitting	Steel
24	Wire	
21	O-ring	NBR
22	Supporting ring	POM
25	Sleeve	Steel
30	Ball	Steel
40	Seal	POM
60	Stem	Steel
70	Fitting	Brass
80	O-ring	NBR
90	Safety locking handle	Zinc die-casting
100	O-ring	NBR
110	Retaining nut	Brass
120	O-ring	NBR
130	O-ring	NBR
140	Stop pin	
150	Spring	Stainless steel

\* Standard (can vary according to nominal width), other materials on request.  
Due to the design, not all items are used for all nominal widths.

