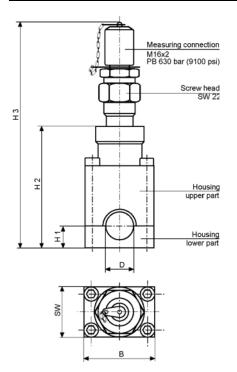
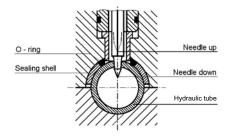
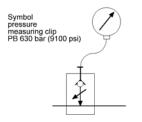
Serv-Clip[®] Type 1 for mounting on pressurized pipes



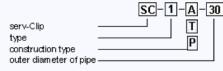






Test *sensors* (flow rate, leakage, temperature, pressure) in combination with *Serv-Clip Type 2* (for mounting on non-pressurized pipes).

Order references



- Quick, simple and cheap installation of a measuring connection in approx. 3 minutes.
- Installation on steel or stainless steel pipes NO CUTTING PIPES
- Installation without switching off the system
- No contamination of hydraulic oil through metal particles
- Installation of manometers, sensors and switches with 1/4" screw possible. Incl. valve M16x2
- You need a jaw and Allen wrench for the installation only
- For use up to 630 bar (9100 psi) working pressure
- Serv-Clip is registered trade mark of Serv-Clip USA LLC

Description

The patented pressure measuring clip is simply screwed onto the cleaned surface of the pressurized hydraulic carbon steel or stainless steel tube.

It is not necessary to interrupt the operation of the plant.

A specially shaped steel needle is inserted through the wall of the tube above the screw head.

The screw head is then screwed back. The created hole is then open, and it is possible to measure the pressure immediately.

This connection is simple, quick and safe to install. The procedure only takes a few minutes. No special tools are required to install the Serv-Clip. The system is completely leakproof. Any pollution of the hydraulic liquid is impossible.

It is not necessary to dismantle the measuring clip on completion of the measuring procedure in order to save costs. The operational safety of the hydraulic system is maintained. The measuring point remains permanently available for taking measurements.

Materials

Housing: 9SMnPb28K O-Ring: Viton

Sealing Shell: St. 37.4 Screw Head: 9SMnPb28k Measuring Needle: 58CrV4

A=metric			
Outer-Ø	Ordering code		
10 mm	SC-1- A -10		
12 mm	SC-1- A -12		
14 mm	SC-1- A -14		
15 mm	SC-1- A -15		
16 mm	SC-1- A -16		
18 mm	SC-1- A -18		
20 mm	SC-1- A -20		
22 mm	SC-1- A- 22		
30 mm	SC-1- A -30		
35 mm	SC-1- A -35		
38 mm	SC-1- A -38		
42 mm	SC-1- A -42		

T=Tube	inch		
Outer-Ø	Outer-Ø	Ordering code	
3/8"	9.52 mm	SC-1- T -3/8"	
1/2"	12.7 mm	SC-1- T -1/2"	
5/8"	15.90 mm	SC-1- T -5/8"	
3/4"	19.05 mm	SC-1- T -3/4"	
1"	25.40 mm	SC-1- T -1"	
1 ¼"	31.75 mm	SC-1- T- 1 ¼"	
1 1⁄2"	38.10 mm	SC-1- T -1 ½"	
2"	50.80 mm	Available in Type 2	

P=Pipe inch

1 =1 190 11101							
Internal-Ø	Outer-Ø	Sche 60	edules 180	Ordering code			
1/4"	13.5 mm	3.0	-	Available in Type 2			
3/8"	17.2 mm	3.2	-	Available in Type 2			
1/2"	21.4 mm	3.7	4,7	SC-1- P -1/2"			
3/4"	26.9 mm	3.9	(*) X	SC-1- P- 3/4"			
1"	33.7 mm	4.5	(**) X	SC-1- P -1"			
11/4"	42.4 mm	4.8	6,4	Available in Type 2			
11/2"	48.3 mm	5.0	7,1	Available in Type 2			
2"	60.3 mm	5.5	Х	Available in Type 2			
21/2"	76.1 mm	7.0	Х	Available in Type 2			
3"	88.9 mm	7.6	Х	Available in Type 2			

(*) 5.6 mm and (**) 6.4 mm available in Type .2

Serv-Clip[®] Type 1 for mounting on pressurized pipes



Test sensors (flow rate, leakage, temperature, pressure) in combination with Serv-Clip Type 2 (for mounting on non-pressurized pipes).

Errors and omissions excepted - Revision: June 11, 2019



Installation Instructions

Good maintenance practices for the Condition Monitoring **INSTALLATION IN 3 MINUTES**

serv-Clip 1 (1/4" screw)

serv-Clip 2 (3/8" screw)

for mounting on non-pressurized pipes

for mounting on pressurized pipes Required tools: Allen wrench 6mm and jaw wrench sw22





Installation location

screw down clamp bolts



Installation location



screw the valve to the right until it stops then screw it to the left



remove paint



screw the valve to the right until it stops then screw it to the left



remove paint and clean pipe



remove stirrup and needle



clean pipe



ready to measure



clamp SC onto pipe



screw valve



clamp SC onto pipe

-No contamination -No leakages -Vibration certificate



screw down clamp bolts



ready to measure

Serv-Clip[®] Type 1-installation on pressurized pipes

Installation

