



API RP 1004 Vapour Recovery Coupler for bottom loading

Silea V.R. Coupler is used in the hydrocarbons bottom loading.

Manufactured according to the API RP1004 standard regulations, could be supplied for different types of connections (4" TTMA flanged, threaded G3" F or G4" F).

Is made of alu alloy. The nitrile rubber NBR (Buna-N) seals are easily removable to allow maintenance operations.

This type of coupler prevents spillage during the connection/disconnection operations and ensures safety conditions for the operators.

The Silea vapour recovery coupler is interlocked. It opens when it is properly connected. It is equipped with a check valve that allows the opening of the vapour coupler only at connection stage.

The finger inside the vapour recovery coupler allows the opening of the adaptor.

As consequence of the fact it conforms to the API RP 1004 specifications, the SILEA 0513RV can be used with any adaptors.



Code 05139003F

Technical specifications:

Design pressure: 0,3 bar

Testing pressure: 0,5 bar

Operating pressure 0,055 bar

Flow rate: up to 800 m³/h of vapour

Design temperature: -40/ +65 °C

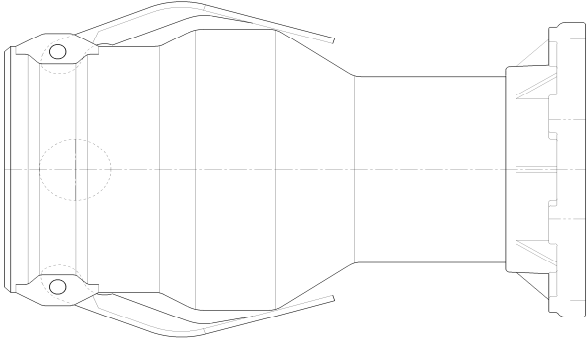
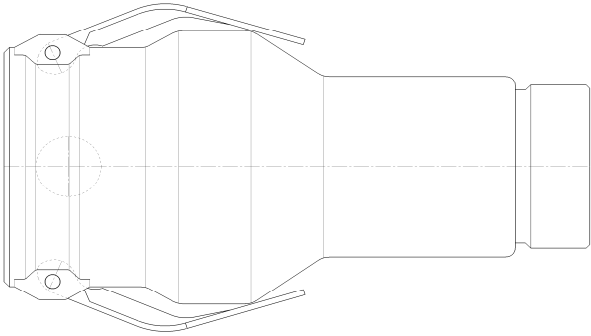
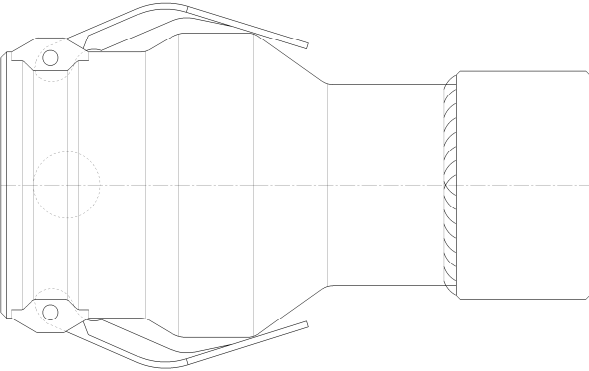
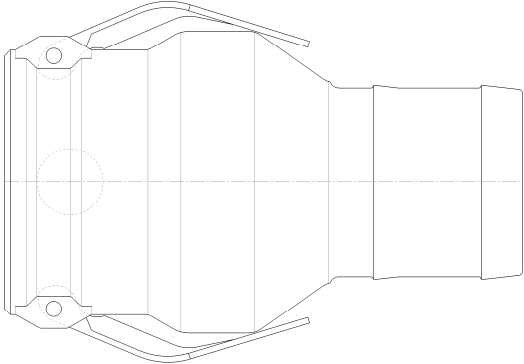
Seals: NBR

Material of construction: aluminium

Comply to 94/9/EC Directive (ATEX) II2G



Available models

<p align="center">Code 05139003F</p> <p>Description: 4" Vapour recovery coupler with check valve Inlet Connection: Camlock 4" Outlet connection: 4" TTMA flanged</p> 	<p align="center">Code 05139003FI3</p> <p>Description: 4" Vapour recovery coupler with check valve Inlet Connection: Camlock 4" Outlet connection: threaded G 3" female</p> 
<p align="center">Code 05139003FI4</p> <p>Description: 4" Vapour recovery coupler with check valve Inlet Connection: Camlock 4" Outlet connection: threaded G 4" female</p> 	<p align="center">Code 05139003P</p> <p>Description: 4" Vapour recovery coupler with check valve Inlet Connection: Camlock 4" Outlet connection: with hose fitting</p> 



Accessories for Silea Vapour Coupler

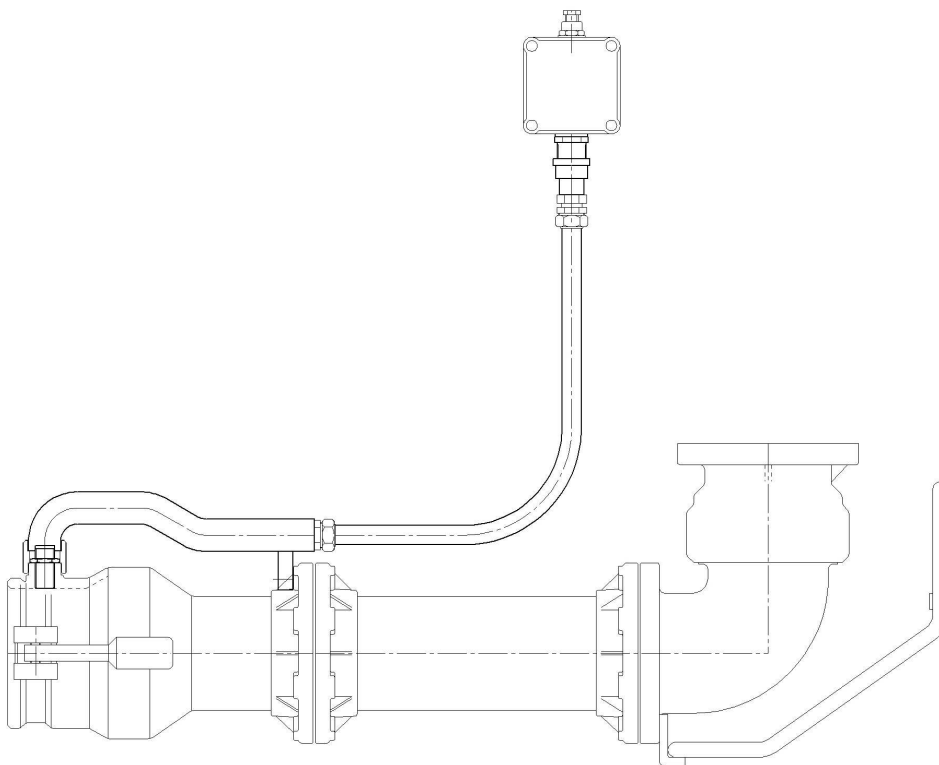
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- **Code 31620102 Micro switch Ex-ia (NAMUR)**

Micro switch Ex-ia (NAMUR) for Vapour recovery Coupler.

It is suitable for all Silea vapour recovery coupler configurations.

It is connected till the base of the loading arm and it is equipped of a junction box. The switch detect when the vapour recovery coupler is connected with the tank adaptor.

Material of construction: aluminium body and S.S. AISI 304



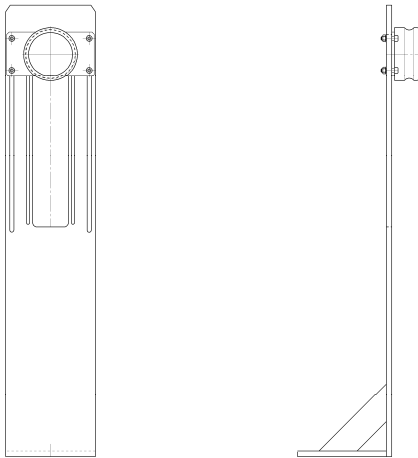
Code 31620102



Accessories for Silea Vapour Coupler

➤ PARKING DEVICES

<p>Code 1405-PARK200</p> <p>Simple parking device. It allows parking position when the API coupler is not in use.</p>	<p>Code 1405-PARK201</p> <p>Parking device equipped with switch Ex-d. The switch detect the parking position.</p>	<p>Code 1405-PARK202</p> <p>Parking device equipped with switch Ex-ia (NAMUR). The switch detect the parking position.</p>
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Code 1405-PARK200

Technical specifications:

Material of construction: carbon steel
and aluminium
Weight: 26 kg approx.
Height: 1010 mm