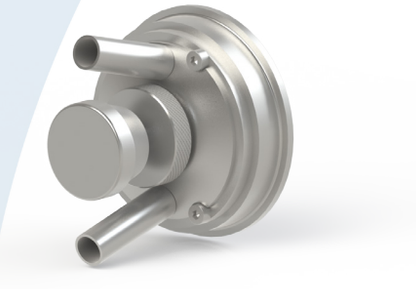
Contact:
T: +32 3 870 60 80
E-mail: advice@gillain.com - www.gillain.com

Gillain & Co
Boomsesteenweg 85
BE 2630 AARTSELAAR

Gillain & Co
HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

Flush sampling valve with membrane for process or storage tank and liquids with low viscosity

PEMA©



Membrane :

Optional membrane :

Optional :

OVERVIEW :

The PEMA sampling valve is used to take a sample of clear or low viscosity liquid from a tank in order to carry out quality and/or bacterial controls.
The valve has a connection dedicated to the passage of CIP liquid thereby enabling the sampling chamber to be cleaned. Valve sealing is obtained by a membrane.
The hygienic design guarantees there is no retention zone (an ideal place for bacteria to develop) and is easy to clean. Its hygienic qualities, as well as its easy assembly and maintenance, make it a reference on the market.

KEY BENEFITS :

- Hygienic design with totally flared body
- Easy to use and easy maintenance
- Sterilisation by SIP/CIP circulation

APPLICATIONS :

- Sampling on tank of a clear or low viscosity liquid (manual version)
- Sampling on tank of a sticky, sugary, low solidifying, low viscosity or clear liquid (automatic version)
- Equipment especially suited to sampling of products subject to quality and/or bacterial controls

Contact:
T: +32 3 870 60 80
E-mail: advice@gillain.com - www.gillain.com

Gillain & Co
Boomsesteenweg 85
BE 2630 AARTSELAAR

Gillain & Co
HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

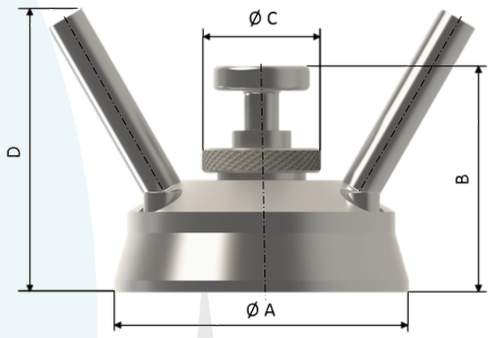
TECHNICAL SPECIFICATIONS :

Sizes: DN 6 and DN 10
Intake connection: To weld
Outlet connection: Smooth with VMQ cap (Silicone)
CIP connection: Smooth with VMQ cap (Silicone)
Service pressure: From 0.1 to 6.0 bar
Service temperature: From 0 °C to 120 °C
CIP/SIP support: Up to a temperature of 130 °C for 20 to 30 minutes
Materials:

- Parts in contact with the product: 1.4404 (316L) stainless steel
- Other parts: 1.4301 (304L) stainless steel
- Sealing: VMQ membrane (Silicone)

DIMENSIONS IN MM :

Sizes	A	B	C	D	E
DN 6	60	44	24	54	61
DN 10	80	64	35	64	74



OPTIONS :

- Tank mounting by flange to weld
- Automatic version
- Automatic version «ATEX 94/9/EC zones 1 & 2, gas and dust» certified
- Valve without CIP connection if flame sterilisation
- Stainless steel caps on outlets with threaded nozzles
- Special connections on request
- Other membranes: EPDM (Ethylene Propylene Diene Monomer), NBR (Nitrile rub-
- ber), FKM (Fluorocarbon rubber, eq. Viton®), FFKM (eq. Kalrez®)
  Membrane USP Class VI compliant
- Customised equipment: please contact us
-

GUARANTEE :

12 months from the date of shipment (except in the case of special conditions)

CONFORMITÉS :

- Tank accessories compliant with European PED 2014/68/UE, §4.3
- Optional: Compliant « ATEX 2014/34/UE, zones 1 & 2, gas & dust» for the automatic versions
- Elastomer membranes compliant with FDA CFR 21.177.2600 and 1935/2004/EC ruling
- Optional: Membranes USP Class VI compliant

SERVINOX follows the recommendations of international guidelines and standards relative to hygienic design and construction, in particular those of the EHEDG and 3-A.

Servinox makes every effort to update its documents in line with improvements to its products.