



PETE ´S PLUG®

Option



Introduction

Rotary meters need lubrication of their ball bearings and timing gears. The lubricant has to be filled in the meter at the commissioning and its level has to be checked periodically.

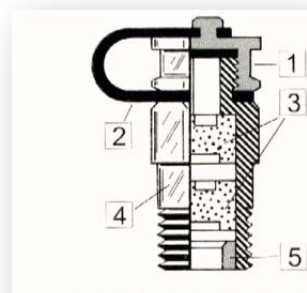
The addition of lubricant requires normally the depressurisation of the meter (i.e. to stop the delivery of gas).

The PETE ´S PLUG allows the addition of lubricant while the meter is in service, pressurized up to 20 bar.

Description and characteristics

The PETE ´S PLUG is made of two self-closing valves which stop the gas but allow the insertion of an adapter to fill the oil in the meter.

It's available with thread: 1/4" NPT or 1/4" BSP with a length of 40 mm.



- Cross section:**
- 1 - Cap and gasket
 - 2 - Cap retaining strap
 - 3 - Two self closing valves with interaction to speed valve closure
 - 4 - Valve body
 - 5 - Valve retainer



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How to assemble on site (fill / drain lubricant)

- Remove the installed plug in the front and rear cover, if applicable, using a key Allen Wrench 6 mm (5 mm for Delta Compact).
- The use of Teflon tape improve the tightness of the BSP thread
- Screw the PETE ´S PLUG, with thread $\frac{1}{4}$ " BSP.
- The oil should be filled with a pump (Ref.: 225-129-00 – picture)



Pump

DELTA with PETE ´S PLUG positioned to fill / drain the lubricant



The PETE ´S PLUG can be also mounted in Karlsruhe factory on request.

Others features

The PETE ´S PLUG can be also used to measure the pressure or temperature of the gas. Special options are available for this purpose, with thread **¼" NPT**



DELTA with PETE ´S PLUG, positioned to measure the pressure of the gas.

Item references

Item	Use	Reference
PETE ´S PLUG ¼" BSP	For the oil filling in the cover	6102755
PETE ´S PLUG ¼" NPT	To be connected on the pressure tapping to measure P & T	6102756
Adaptor ¼" BSP/ 1/8" BSP	Additional piece needed for the DELTA Compact	951-831-15

More information at:

IMAC Systems Ltd: The distributor for Europe: <http://www.imacsys.co.uk/>

Peterson Equipment Co. Inc.: The manufacturer of the PETE ´S PLUG: <http://www.petesplug.com/>