

CERTIFICATE

No: 33361623

In compliance with the technical requirements in regard of
EN ISO 15848-1/2: 2006 & MESC 77/312:2010

Test report: FE-17-02

Date: 05/05/2015

Applicant/License Holder,
Address:

ERIKS-VALVES ENTERPRISE, S.L.U.
P.I. Bakiola, 62 – Bajo 1
49498 ARRANKUDIAGA
BIZKAIA – SPAIN

Manufacturer, Address: **Same as applicant**

The valve sealing system was checked in regard of fulfilment of the Tightness classes B of measured leakage rate $< 6.7 \cdot 10^{-5}$ mbar·l·s⁻¹ (stem seal) and $< 2.7 \cdot 10^{-5}$ mbar·l·s⁻¹ (body-plates seals, gaskets) for temperatures at the sealing system of -29°C to +40°C with C03 insulating valve endurance class. The total mechanical cycle was 2500 cycles and the test medium was min. 99% purity helium by using a Helium Mass spectrometer.

Test Requirement / Test Result:

Model Designation:	PRB-02501; PRB-02502; PRB-02503; PRB-02504
Nominal Diameter / Nominal Pressure:	2 inch (DN 50) / 1500 Lbs (PN 250)
Type de Valve:	Dual Expanding plug valve
Body Seal Material:	ASTM A351 CF8M
Stem Size and Stem Packing Material:	Ø 38.1 mm
Temperature Cycle:	Room temperature
Assembly / Plug-stem 07 Drawing No.:	PV100137-000-002 / PV100137-004-07-00-00

The tested valve covers performance class (Para. 6.6):

ISO FE BH-CO3-SSA1-(t-29°C, 40°C)-class 1500 – ISO 15848-1 & MESC 77/312

Extension of qualification to untested valves (see also paragraph 8 of ISO 15848-1:2006)

The valve Class or PN designation is equal or lower

Required temperature class range of -29°C to +40°C

Stem packing material: GRAPHITE

Body seal material: ASTM A351 CF8M

Od_{stem} 38.1 mm tested qualify for to from Ø 19.05 mm to 76.2 mm (50% lower and 200% higher of those of tested valve).

The valve Sealing System is in compliance with the above mentioned requirements. The test and the classification is based on a type approval and does not include the factory inspection.

