

CERTIFICATE

No: 33398605

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

Test report: 100149-4"

Date: 13/11/2015

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 $< 4,5 \cdot 10^{-5}$ mbar·l·s⁻¹ (stem seal) and $< 1,7 \cdot 10^{-5}$ mbar·l·s⁻¹ (body-plates seals, gaskets) for temperatures at the sealing system of -29°C to +40°C with C01 insulating valve endurance class. The total mechanical cycle was 500 cycles and the test medium was min. 99% purity helium by using a Helium Mass spectrometer.

Test Requirement / Test Result:

Model Designation:	PRB-04101; PRB-04102; PRB-04103; PRB-04104
Nominal Diameter / Nominal Pressure:	4 inch (DN 100) / 150 Lbs (PN 16)
Type de Valve:	Dual Expanding plug valve
Seat seals:	HNBR (Norsok M-710)
Body Seal Material (Gasket):	SPW 316(L)+Graphite
Stem Packing Material	Graphite
Stem Size and Stem Packing Material:	Ø 25.4 mm
Temperature Cycle:	Room temperature
Assembly / Plug-stem 07 Drawing No.:	08-004-RB-000001-000-03-10-30 R0 PV100149-001-004-03-00-00 R1

The tested valve covers performance class (Para. 6.6, ISO 15848-1):

ISO FE BH-CO1-SSA1-(t-29°C, 40°C)-class 150 – ISO 15848-1/2 & MESC 77/312 Class B

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: HNBR (Norsok M-710)

Od_{stem} 25.4 mm tested qualify for to from Ø 12.7 mm to 50.8 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