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Test certificate:
 201800200-C001



Industrie Service

CERTIFICATE OF TESTING

This certificate is to certify that the measured leak rates during the endurance test on the test valve below, were within the limits according to the requirements of TA LUFT (Technische Anleitung zur Luft par. 5.2.6.4) Vom 24. Juli 2002 and VDI 2440 par. 3.3.1.3 November 2000, for 5000 operational cycles at room temperature.

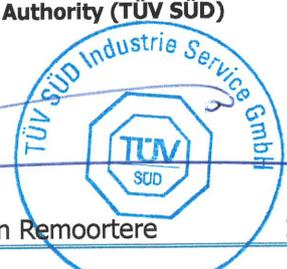
Test valve details

Manufacturer : Ramén Valves AB
 Address : Fredsforstigen 22A, 16867 Bromma, Sweden
 Type : Ball Sector Valve
 Assembly drawing number : E-310003 rev.0
 Body material : SS 316
 Stem material : SS 329
 Stem seal material : 1x O-ring Viton
 Sliding ring material : PTFE
 Valve serial number : 200001
 Actuator : WM 12DA

Test description

Description	Tested valve
Stem ø / Stem circumference	14mm / 43.9mm
Stem motion	Quarter turn
Valve size	DN50
Test temperatures	Room temperature: 20°C(±5°C)
Pressure Class	PN40
Operational cycles	5000 cycles
Thermal cycles	0 thermal cycles

This certificate refers to the above mentioned test valve. This certificate does not imply assessment of the production of the valves. This certificate may not be reproduced in whole or in part, without written approval of ITIS B.V. This certificate is only valid in conjunction with the full ITIS BV test report number 201800200-R001.

<p>Approved signatory</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input checked="" type="checkbox"/> TESTED <input type="checkbox"/> REVIEW <input type="checkbox"/> WITNESSED Date/Signature </div>  <p>Industrial Testing & Inspection Services </p> <p>P. van Tol 11-12-2019</p>	<p>Name Authority (TÜV SÜD)</p>  <p>I. van Remoortere 11-12-2019</p>
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