

ALBA d.o.o.

TRGOVINA IN PROIZVODNJA
TEHTALNIH SISTEMOV

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CERTIFIKAT O KALIBRACIJI

CERTIFICATE of CALIBRATION

Naročnik umerjanja: SKONIKS d.o.o.
Customer: Golnik 120
4204 Golnik

Št. 261/2003
No:

Stran: 1/2
Page:

Podatki o merilu :
Object of calibration:

Lastnik (imetnik):
Owner:

SKONIKS d.o.o.

Naziv:
Name:

Tuš ročica

Proizvajalec:
Manufacturer:

RPC Peshovich

Nazivni presek:
Nominal diameter:

1/2"

Tov. številka:
Serial number:

-

Tip merila:
Type:

Monsoon Lux

Postopek umerjanja:

Umerjanje merilnika pretoka je bilo izvedeno s posrednim merjenjem volumna - preko tehtanja mase in določanja gostote tekočine (gravimetrična metoda) skladno z navodili IF01.

Calibration method:

The Calibration of flowmeter was performed by indirect measurement of volume - by weighing of mass and determination of density (gravimetric method), according to instructions IF01.

Datum umerjanja:
Date of calibration:

20.02.2003

Pogoji meritve:
Measurement conditions:

Temperatura tekočine: (12,1 ± 0,5) °C
Liquid temperature:

Gostota tekočine: (0,9995 ± 0,001) kg/l
Liquid density:

Pogoji okolja:
Environmental conditions:

Temp. zraka: (17,5 ± 0,5) °C
Air temperature:

Zračni tlak: (990,6 ± 3) mbar
Air pressure:

Merilni rezultati:

Merilni rezultati se nahajajo na hrbtni strani certifikata. Podani merilni rezultati in pripadajoča negotovost se nanašajo na izmerjene vrednosti v času kalibracije in ne zagotavljajo dolgotrajne stabilnosti naprave.

Measurement results:

Measurement results are specified on the back side of the certificate. The results and uncertainties quoted refer only to the measured value at the time of measurement and carry no implication regarding the long term stability of the instrument.

Pri izvajanju meritev so bili uporabljeni etaloni, za katere je sledljivost do mednarodnih etalonov zagotovljena.

The measurements have been executed using standards for which the traceability to (inter)national standards is known.

Dovoljeno je le razmnoževanje certifikata v celoti.

Only the reproduction of the complete certificate is allowed.

CERTIFIKAT O KALIBRACIJI

CERTIFICATE of CALIBRATION



Št.: 261/2003

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Merilni rezultati:
Measurement results:

Trlak vode <i>Water pressure</i> (bar)	Dejanski pretok <i>Actual flowrate</i> (l / min)	Merilna negotovost <i>Measurement uncertainty</i> (l / min)
1,0	3,3	± 0,2
2,0	4,6	± 0,2
3,0	5,6	± 0,2

Trlak vode:

Merilne točke so bile izbrane pri konstantnem pretoku testne tekočine (voda), generiranem preko konstantnega tlaka v času meritve.

Water pressure:

Measuring points were chosen by constant flow-rate of test liquid (water), generated by constant water pressure.

Dejanski pretok:

Vzdrževan pretok testne tekočine (voda) v času meritve. Dejanski pretok je bil izračunan z meritvijo časa in izmerjene - pretečene vrednosti testne tekočine.

Actual flowrate:

Maintained flow of test liquid (ordinary water) in the period of measurement. Flowrate was calculated due to time measurement and total value of liquid volume.

Razširjena merilna negotovost, ki je podana pri merilnih rezultatih je podana kot standardna negotovost, pomnožena s faktorjem pokritja $k = 2$, ki v primeru normalne porazdelitve ustreza ravni zaupanja približno 95 %. Standardna merilna negotovost je bila določena skladno s publikacijo EA-4/02. Merilna negotovost se nanaša izključno na izmerjeni rezultat (srednjo vrednost).

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %. The standard uncertainty of measurement has been determined in accordance with Publication EA-4/02. Measurement uncertainty is related only to the measurement result (mean value).

Odgovorna oseba:

Approved by:

IGOR AGREŽ dipl. ing., Tehnični vodja laboratorija
Technical manager of the laboratory

Datum izdaje: 20.02.2003

Date of issue:

MP.
ALBA

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