



UNIVERZITET U NIŠU / UNIVERSITY OF NIŠ /
MAŠINSKI FAKULTET U NIŠU
/ FACULTY OF MECHANICAL ENGINEERING NIŠ /
ZAVOD ZA MAŠINSKO INŽENJERSTVO
/ INSTITUTE FOR MECHANICAL ENGINEERING /
LABORATORIJA ZA TERMOTEHNIKU, TERMOENERGETIKU I
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IZVEŠTAJ O ISPITIVANJU / REPORT ON EXAMINATION / Br. / No / 612-22-78/19

Proizvod: ALUMINIJUMSKI RADIJATOR
/ Product / / ALUMINUM RADIATOR /
Tip / Type /: AKLIMAT M BIMETAL
Model / Model /: AKLIMAT M 600 BIMETAL

Proizvođač KIBERPLAST PE AKLIMAT
/ Manufacturer / Puhova ulica 27, 2250, SLOVENIJA

Metod ispitivanja: Izvršeno je ispitivanje toplotne snage radijatora.
/ Results of examination / / Examination of radiator heating capacity is performed. /
Ovaj Izveštaj o ispitivanju izdaje sa na osnovu pregleda dostavljenog grejnog tela, provere usaglašenosti tehničkih podataka sa tehničkom dokumentacijom i Izveštaja o ispitivanju br. 612-22-208/16, izdatog od strane Mašinskog fakulteta u Nišu 15.11.2016. godine.
/ This Report on Examination is issued on the basis of the examination of the delivered heating body, the check of the compliance between technical data and technical documentation, and the Report on Examination No. 612-22-208/16, issued by the Faculty of Mechanical Engineering in Niš on November 15, 2016. /
Ispitivanja su izvršena u skladu sa standardom SRPS EN 442-2:2012.
/ Examinations are performed according to the standard SRPS EN 442-2:2012. /
Aluminijumski radijator tip AKLIMAT M BIMETAL, model AKLIMAT M 600 BIMETAL, dostavio je naručilac 21.05.2019. godine.
/ Aluminum radiator, type AKLIMAT M BIMETAL, model AKLIMAT M 600 BIMETAL, is delivered by the Ordering party on 21.05.2019. /
Broj članaka je 10, visina članka iznosi 641 mm, širina članka 82 mm, debljina članka 96 mm, rastojanje priključaka 600 mm.
/ Number of elements is 10, element height is 641 mm, element length is 82 mm, element depth is 96 mm, difference between connections is 600 mm. /

Rezultati ispitivanja: **Nazivna toplotna snaga članka, Φ , za $\Delta t = 60^{\circ}\text{C}$** 178,0 W
/ Results of examination / / Nominal heating capacity of the element, Φ , for $\Delta t = 60^{\circ}\text{C}$ /
Nazivna toplotna snaga članka, Φ , za $\Delta t = 50^{\circ}\text{C}$ 139,3 W
/ Nominal heating capacity of the element, Φ , for $\Delta t = 50^{\circ}\text{C}$ /
Nazivna toplotna snaga članka, Φ , za $\Delta t = 30^{\circ}\text{C}$ 70,0 W
/ Nominal heating capacity of the element, Φ , for $\Delta t = 30^{\circ}\text{C}$ /
Koeficijent toplotne snage članka, K_m 0,71926
/ Coefficient of element heating capacity, K_m /
EkspONENT toplotne snage, n 1,3461
/ Exponent of heating capacity, n /
Maksimalni radni pritisak 16 bara
/ Maximal operating pressure /

Niš, 22.05.2019. god.

Rukovodilac ispitivanja
/ Examination Manager /

Prof. dr. Maden Stojiljković

Rukovodilac Zavoda za mašinsko inženjerstvo
/ Director of the Institute of Mechanical Engineering /

Prof. dr. Predrag Janjković