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/ FACULTY OF MECHANICAL ENGINEERING NIŠ /
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IZVEŠTAJ O ISPITIVANJU / REPORT ON EXAMINATION / **Br. / No / 612-22-99/14**

Proizvod: ČELIČNI PANELNI RADIJATOR
/ Product / */ STEEL PANEL RADIATOR /*
Model / Model /: THERMOKRAFT
Tip / Type /: THERMOKRAFT 22-600x1000

Proizvođač: PEKSA GROUP,
/ Manufacturer / Aydın Organize Sanayi Bolgesi, Umurlu, AYDIN - TURKEY

Naručilac: ETAŽ d.o.o.
/ Ordering party / Šumatovačka 2, 11224 Vrčin Beograd, SRBIJA

Metod ispitivanja: Izvršeno je ispitivanje toplotne snage čeličnog panelnog radijatora.
/ Results of examination / */ Examination of steel panel radiator heating capacity is performed. /*
Ispitivanja su izvršena u skladu sa standardima SRPS M.E6.083 i SRPS EN 442-2:2012.
/ Examinations are performed according to the standards SRPS M.E6.083 and SRPS EN 442-2:2012. /
Čelični panelni radijator model THERMOKRAFT, tip THERMOKRAFT 22-600x1000, dostavio je naručilac 17.07.2014. godine.
/ Steel panel radiator, model THERMOKRAFT, type THERMOKRAFT 22-600x1000, is delivered by the Ordering party on 17.07.2014. /
Dužina radijatora je 1000 mm, visina 600 mm, širina (debljina) 102 mm, rastojanje priključaka 550 mm.
/ Radiator length is 1000 mm, height 600 mm, width is 102 mm, difference between connections is 550 mm. /

Rezultati ispitivanja: <i>/ Results of examination /</i>	Nazivna toplotna snaga radijatora, Φ, za $\Delta t = 60^\circ\text{C}$ <i>/ Nominal heating capacity of the radiator, Φ, for $\Delta t = 60^\circ\text{C} /$</i>	2185 W
	Nazivna toplotna snaga radijatora, Φ, za $\Delta t = 50^\circ\text{C}$ <i>/ Nominal heating capacity of the radiator, Φ, for $\Delta t = 50^\circ\text{C} /$</i>	1712 W
	Koeficijent toplotne snage radijatora, K_m <i>/ Coefficient of radiator heating capacity, $K_m /$</i>	9,1113
	Eksponent toplotne snage, n <i>/ Exponent of heating capacity, $n /$</i>	1,3384
	Maksimalna temperatura vode <i>/ Maximal water temperature /</i>	110 °C
	Maksimalni radni pritisak <i>/ Maximal working pressure /</i>	10 bar

Niš, 25.07.2014. god.

Rukovodilac ispitivanja
/ Examination Manager /


Prof. dr Mladen Stojiljković



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


Prof. dr Dragan Milčić