

## AC ELECTROMAGNETIC YOKE

# RUM 230



Hand - held AC electromagnetic yoke **RUM 230** is to be used to magnetize an article longitudinally. If magnetic particles are applied sparingly at the areas between poles, indications of surface discontinuities are easily seen. Light single-coil yoke is designed and produced for the universal industrial using.

For prolonged working life of the switch is the power switched by semiconductor. The switch and cable can be changed easy.

Parametr	Hodnota
Recommended poles spacing $s_{\min} / s_{\max}$	65 / 175 mm
Intenziy of magnetic field $H_t$ at $s_{\min} / s_{\max} /$	6,0 / 2,0 kA.m <sup>-1</sup> (25 - 75 Gauss)
Poles cross-section	25 x 25 mm
Feeding	230 V/50 Hz, sinus
$I_n$	2,3 A
Power input on the Fe plate / on the air	530 VA / 805 VA at poles space 140 mm
Controlling / switching	Switch into handle / semiconductor
Relative duty cycle	30%
Time ON	operational 10 sec., max. 30 sec.
Proportions	250 x 46 x 175
Weight with poles	3,2 kg
Temperature on the handle	≤ 40° C
Electric protect acc EN 60529	IP 54
Lifting force at $s_{\max}$	> 90 N (> 9,2 kg)

### Product complies with standards:

ASME Code, V. Art 7, ASTM E 709, ASTM E 1444, ASTM E 138 / MIL I6868D, EN 1290, NAVSHIPS 250 - 6373; EN ISO 9934 - 3