



# RSL NDT LTD.

SUBSEA & TOPSIDE – EQUIPMENT & CONSUMABLES

Aberdeen & Sheffield

Website: [www.rslndt.com](http://www.rslndt.com)

E-Mail: [info@rslndt.com](mailto:info@rslndt.com)

Tel: 01224 822600

## Min-e-Mag Electromagnet



### **SPECIFICATION COMPLIANCE: BS EN ISO 9934-3:2002 & ASTM 1444-01**

Cross sectional Dimensions of the Poles:	20x20mm	
Recommended Pole spacings:		
Maximum, (Smax):	165mm	
Minimum, (Smin):	60mm	
Tangential field strength, HI		
At Smax:	Typically 2.5kA/m	
At Smin:	Typically 7.4kA/m	
Electrical supply		
Voltage:	110VAC	
Power:	575watts	
Frequency:	50/60 Hz	
Cable Length:	4 Meters	
Current Wave Forms Available:	Sinusoidal	
Method of Current Control:	AC mains	
Effect on waveform:	Unaffected	
Duty Cycle at Maximum Output:	> 25%	
Maximum Current "ON" Time:	30 seconds	
Overall Dimensions:	200x155x50 mm	
Weight:	2. 2 Kg	
Ingress Protection Code:	IP52	
<b>For Reference The Minimum Requirements Of EN ISO 9934-3(E) are:</b>		
Duty cycle:	> 10 %	Exceeds
Current " ON" Time	> 5 seconds	Exceeds
Surface Temperature of Handle:	< 40°C	Complies
Tangential Field Strength at Smax:	> 2 kA/m (rms)	Exceeds
Lifting Force:	> 44 N	Complies