



RSL NDT LTD.

SUBSEA & TOPSIDE – EQUIPMENT & CONSUMABLES

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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

For Reference The Minimum Requirements Of EN ISO 9934-3(E) are:

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