

# MAXIMA RESOURCE

# 35/1, 7th Main, Vrushabhavathi Nagar,  
Behind Ambamaheshwari Temple,  
Kamakshipalya, Bangalore 560 079  
Con : +91 99455 65819 / 96866 98809  
email : maxima1269@gmail.com  
Website : www.maximaresource.com



## HOLDING ELECTROMAGNET-TYPE 24.101.

MAXIMA holding electromagnet are D C operated units, which when electric current passes in to the device, generate an electromagnetic field that can be employed for the purpose of holding or manipulating ferrous material.

- Standard Voltage 24 Volts D C (12 & 48 Volts D C available on request)
- Operating Time: 100%
- Blue Passivized Finishing.
- With free flexible lead ends. (With terminal box available on request)
- The max. Holding Forces listed relate to magnets operating at 90% of nominal working voltage and normal working temperature, holding work piece of optimum thickness having a good surface finish (manufactured in EN2 Material) which covers the full magnet holding face without air gaps (0mm). In cases where work piece materials, surface finish or profile differ, magnet hold force capability will be reduced.

# MAXIMA RESOURCE

# 35/1, 7th Main, Vrushabhavathi Nagar,  
Behind Ambamaheshwari Temple,  
Kamakshipalya, Bangalore 560 079  
Con : +91 99455 65819 / 96866 98809  
email : maxima1269@gmail.com  
Website : www.maximaresource.com



Page 2 Of 4

- A centrally positioned tapped hole is provided for fixing the magnets. If more than one hole is required on different PCD, it must be observed that the depth of holes be less than dimension “  $t_2$  ”..
- The Adhesive force maybe of 5% of the magnetic force with a stroke of 0mm when device is de actuated. The external return force must be above this adhesive force with a sufficient safety margin.
- Application: Material Handling Technology, Door Holding, Solenoid for short stroke, Machine Construction.

# MAXIMA RESOURCE

# 35/1, 7th Main, Vrushabhavathi Nagar,  
Behind Ambamaheshwari Temple,  
Kamakshipalya, Bangalore 560 079  
Con : +91 99455 65819 / 96866 98809  
email : maxima1269@gmail.com  
Website : www.maximaresource.com



Page 3 Of 4

SIZE Dia in mm	40	50	65	80	100	150
Holding force "N" at stroke of 0mm	380	630	1000	1600	2700	7500
Duty Cycle ED%	100	100	100	100	100	100
Electrical Power P20 (W)	5.5	6.5	9	14	21	42
Weight (kg)	0.2	0.3	0.55	1.2	2.1	6.4
<b>DIMENSIONS</b>						
Dia (mm)	40	50	65	80	100	150
Length (mm)	27	30	35	38	43	56
Tap (mm)	M5	M5	M8	M8	M10	M16
T (mm)	8	8	12	12	15	24
T1 (mm)	250	250	250	250	250	250
T2 (mm)	4	4	5	7	7	15

# MAXIMA RESOURCE

# 35/1, 7th Main, Vrushabhavathi Nagar,  
Behind Ambamaheshwari Temple,  
Kamakshipalya, Bangalore 560 079  
Con : +91 99455 65819 / 96866 98809  
email : maxima1269@gmail.com  
Website : www.maximaresource.com



Page 4 Of 4

