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| --- | --- | --- |
|  |  |  |
| **V = 230 volts****d = 100 m****m = 20 kg** | **V = 9 volts** **d = 1000 m****m = 1 kg** | **V = 4.5 volts** **d = 20 m****m = 50 kg** |
|  |  |  |
| **V = 6 volts** **d = 1 m** **m = 8 kg** | **V = 1.5 volts** **d = 5 m** **m = 11 kg** | **V = 120 volts** **d = 30 m****m = 50 kg** |
|  |  |  |
| **V = 12 volts** **d = 500 m** **m = 90 kg** | **V = 6 volts** **d = 150 m****m = 6 kg** | **V = 240 volts** **d = 45 m****m = 70 kg** |

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| **P= 75 W****R = 2 ohms****d = 90 m** **m = 10 kg** | **P= 60 W****R = 5 ohms****s = 20 ms-1****m = 25 kg** | **P= 15 W****R = 4 ohms****d = 8 m****m = 75 kg** |
|  |  |  |
| **P= 100 W****R = 6 ohms****s = 16 ms-1****a = 4 ms-2** | **V = 9 volts** **d = 20 m****a = 1 ms-2** | **V = 120 volts** **s = 30 ms-1****m = 80 kg** |
|  |  |  |
| **V = 12 volts** **s = 25 ms-1****a = 2 ms-2** | **P= 1000 W****R = 10 ohms****s = 8 ms-1****m = 130 kg** | **P= 2000 W****R = 16 ohms****d = 9 m****a = 0.5 ms-2** |

|  |  |  |
| --- | --- | --- |
| I = 2 At = 5 sF = 10 N | I = 0.5 A t = 1 sF = 200 N | I = 1 A t = 2 sF = 100 N |
| I = 0.25 A t = 20 sF = 15 N | I = 8 A t = 60 sF = 1000 N | I = 12 A t = 30 sF = 150 N |
| I = 6 A t = 15 sF = 50 N | I = 2 A t = 45 sF = 2000 N | I = 1 A t = 16 sF = 1 N |

|  |  |  |
| --- | --- | --- |
| I = 5 At = 8 sF = 16 N | I = 4 A t = 2 sF = 8 N | I = 7 A t = 200 sF = 10 N |
| I = 10 At = 0.5 sF = 25 N | I = 3 A t = 150 sF = 125 N | I = 1 A t = 90 sF = 800 N |
| I = 4 A t = 32 sF = 160 N | I = 10 A t = 240 sF = 20 N | I = 0.5 A t = 65 sF = 40 N |

|  |  |  |
| --- | --- | --- |
| I = 6 A t = 8 sF = 80 N | I = 8 A t = 2 sF = 30 N | I = 2 A t = 200 sF = 900 N |
| I = 9 A t = 10 sF = 300 N | I = 4 A t = 1 sF = 150 N | I = 10 A t = 50 sF = 60 N |
| I = 3 A t = 25 sF = 350 N | I = 1 A t = 100 sF = 70 N | I = 12 A t = 20 sF = 2 N |

Could change some times to min/hour, lso chnge mss, distance nd speed units

Currents could be decimls