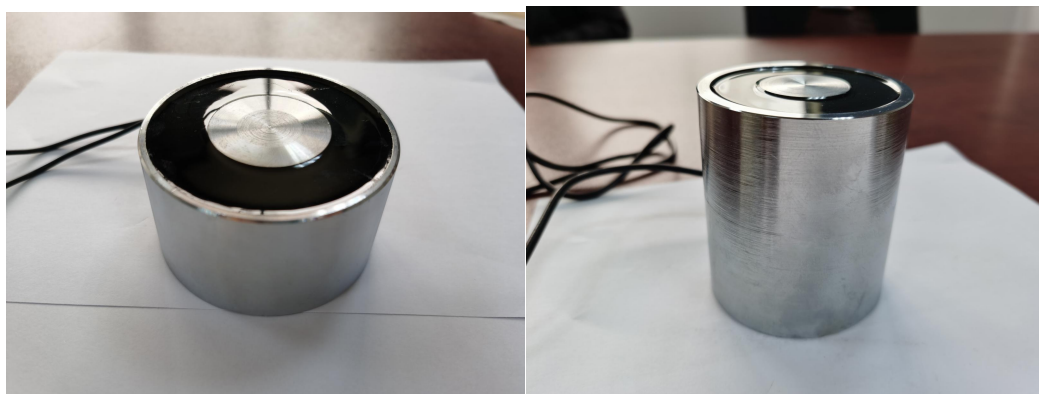


# HVR MAG Solenoid Electro Holding Magnets

**HVR MAG** supplies 2 types of DC 12V or 24V electric holding solenoid electromagnets, Switched-ON to hold, Switched-OFF to hold, in either **round** or **rectangular** shape.

**Round** solenoid electromagnet:



**Rectangular** solenoid electromagnet:



Model chart for switched-on to hold type:

| Model    | D(mm) | H(mm) | M(mm) | P(mm) | L(mm) | Rated Voltage(DC/V) | Holding Force | Weight |
|----------|-------|-------|-------|-------|-------|---------------------|---------------|--------|
| HVR-0820 | φ8    | 20    | M3    | 4     | 300   | DC12V               | 0.2KG/2N      | 6.5g   |
|          |       |       |       |       |       | DC24V               |               |        |
| HVR-0925 | φ9    | 25    | M5    | 6     | 300   | DC12V               | 0.3KG/3N      | 10g    |
|          |       |       |       |       |       | DC24V               |               |        |
| HVR-1025 | φ10   | 25    | M6    | 8     | 300   | DC12V               | 0.3KG/3N      | 10g    |
|          |       |       |       |       |       | DC24V               |               |        |
| HVR-1327 | φ13   | 27    | M4    | 6     | 300   | DC12V               | 1.2KG/12N     | 20g    |

|           |      |    |    |    |     |       |             |        |
|-----------|------|----|----|----|-----|-------|-------------|--------|
|           |      |    |    |    |     | DC24V |             |        |
| HVR-1625  | φ16  | 25 | M6 | 6  | 300 | DC12V | 2.0KG/20N   | 20g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-2015  | φ20  | 15 | M6 | 8  | 300 | DC12V | 3.0KG/30N   | 27g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-2020  | φ20  | 20 | M6 | 8  | 300 | DC12V | 3.0KG/30N   | 35g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-2025  | φ20  | 25 | M6 | 8  | 300 | DC12V | 6.0KG/60N   | 45g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-2520  | φ25  | 20 | M6 | 8  | 300 | DC12V | 10.0KG/100N | 55g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-2525  | φ25  | 25 | M6 | 8  | 300 | DC12V | 12.0KG/120N | 65g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-3020  | φ30  | 20 | M6 | 8  | 300 | DC12V | 12.0KG/120N | 76g    |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-3025  | φ30  | 25 | M6 | 8  | 300 | DC12V | 16.0KG/160N | 100g   |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-3231  | φ32  | 31 | M6 | 8  | 300 | DC12V | 20.0KG/200N | 140g   |
|           |      |    |    |    |     | DC24V | 22.0KG/220N |        |
| HVR-3425  | φ34  | 25 | M6 | 8  | 300 | DC12V | 22.0KG/220N | 128g   |
|           |      |    |    |    |     | DC24V | 25.0KG/250N |        |
| HVR-4030  | φ40  | 30 | M6 | 8  | 300 | DC12V | 40.0KG-400N | 225g   |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-4035  | φ40  | 35 | M6 | 8  | 300 | DC12V | 40.0KG-400N | 250g   |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-4530  | φ45  | 30 | M6 | 8  | 300 | DC12V | 45.0KG/450N | 250g   |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-5030  | φ50  | 30 | M8 | 12 | 300 | DC12V | 70.0KG/700N | 322.5g |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-6040  | φ60  | 50 | M8 | 12 | 300 | DC12V | 90.0KG/900N | 640g   |
|           |      |    |    |    |     | DC24V |             |        |
| HVR-10040 | φ100 | 40 | M8 | 12 | 300 | DC24V | 400KG/4000N | 1670g  |
| HVR-8245K | φ82  | 45 | M8 | 16 | 400 | DC24V | 240KG/2400N | 1524g  |

Model chart for switched-off to hold type:

| Model     | Diameter<br>(mm) | Height<br>(mm) | Rated Voltage(V/DC) | Rated Power<br>(W) | Holding<br>Force(N) | Residual<br>Magnetism(N) | Fixed Mode |
|-----------|------------------|----------------|---------------------|--------------------|---------------------|--------------------------|------------|
| HVR-1815K | 18               | 15             | 24                  | 11.50              | 30                  | 0.30                     | M3*8       |
| HVR-2025K | 20               | 25             | 24                  | 6.00               | 30                  | 0.20                     | M4*8       |
| HVR-2520K | 25               | 20             | 24                  | 6.00               | 60                  | 0.20                     | M5*8       |
| HVR-2525K | 25               | 25             | 24                  | 13.20              | 60                  | 0.50                     | M6*5       |
| HVR-3031K | 30               | 31             | 24                  | 8.20               | 120                 | 1.00                     | M4*4       |
| HVR-3440K | 34               | 40             | 24                  | 14.40              | 220                 | 1.00                     | M6*6       |
| HVR-4225K | 42               | 25             | 24                  | 11.50              | 300                 | 2.00                     | M5*8       |
| HVR-5030K | 50               | 30             | 24                  | 28.80              | 450                 | 10.00                    | M5*8       |

HVR MAG can produce prototypes, small volume or large quantities of solenoid electromagnets. Customization acceptable per customer's requirements.

Or, if you still have any queries about the specifications of solenoid holding electromagnets, please feel free to contact us.

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