

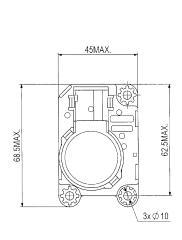


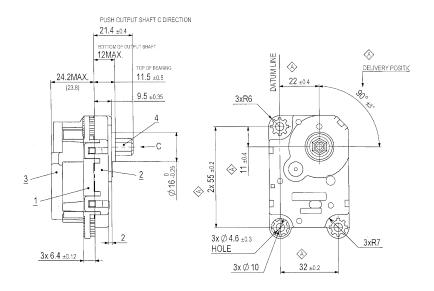
# **HVAC - Actuator**

HAD

**HVAC Actuator Direct (HAD)** 

Product Name	Rated Voltage [V]	Gear Ratio	Nominal Speed [ rpm ]	Coil Resistance [ Ω ]	Torque [ Ncm ]	Detent Torque [ Ncm ]	Noise [ dB(A) ]	Temp. Range [ °C ]
HAD - 120	12	120	5	70	57	28	< 30	-40 ~ +85
HAD - 225	12	225	2.67	84	97	60	< 30	-40 ~ +85
HAD - 360	12	360	1.67	84/100	145	125	< 29	-40 ~ +85
HAD - 360	14	360	1.67	320	148	98	< 29	-40 ~ +85





#### **General informations:**

Weight [g]: <90</li>
Steps per Revolution: 7200
Step Angle [] 0.05
Drive Mode: Unipolar



## **Features of HAD:**

- Low Noise
- Cost performance & Stable quality
- Global NMB network for Customers

### **Individualization:**

- Various output shafts available
- Different connector types available
- End Stop on housing



# MinebeaMitsumi Passion to Create Value through Difference

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