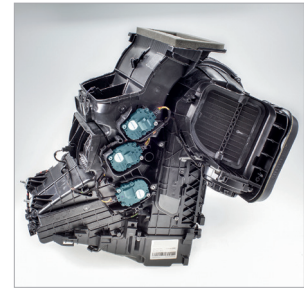




# HVAC - Actuator

HAL

HVAC Actuator with LIN (HAL)



	HAL480 i=480	HALL480 i=480	HALG480 i=480
Nominal Torque range [ Nm ]	0.45...1	0.3...1	0.3...1
Temperature range [ °C ]	-40...+85	-40...+85	-40...+85
Rotation Speed [ rpm ]	2.25...2.81	2.25...5	3...5
Output power [ W ]	0.13 ... 0.24	0.16 ... 0.24	0.16 ... 0.31
Communication Interface	LIN1.3	LIN2.X	SAE LIN
EMC CISPR25	Class 3/5	Class 4/5	Class 4/5
Dimensions [ mm ]	65/49/25	65/49/25	65/49/25
Weight [ g ]	57	57	57
Output	Single	Single	Single
Ingress Protection	IP5K0K	IP5K0K	IP5K0K
Motor	STEP 20 Bipolar	STEP 20 Bipolar	STEP 20 Bipolar

