

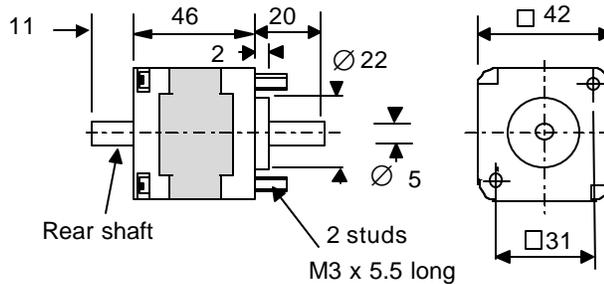
# Size 17 high performance hybrid stepper motor 17HS-240E

The high performance size 17 hybrid stepper motor provides 200 steps /rev when used with full step drives or 400 steps per revolution in the preferred half step drive mode. The motor utilises advanced high energy magnet technology to provide increased torque while the low inductance windings provide excellent high speed performance. Consequently the unit is ideally suited to applications that require high dynamic performance where space is at a premium.

Where increased torque and resolution is required at reduced speed the motor may be fitted to the IP43 gearhead. The 17HS-240E motor is designed specifically for use with Bi-polar drive circuits such as the MSE570. Despite the high quality of the 17HS-240E, the units remain competitively priced and will therefore appeal to both small & medium volume OEM users.



## Dimensions mm



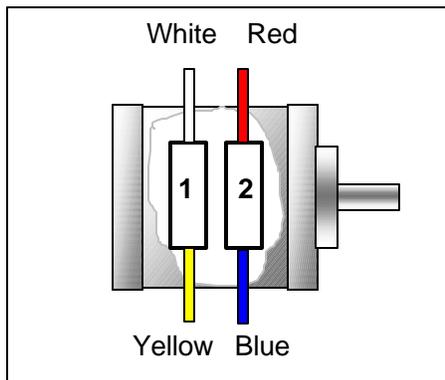
**17HS -240E**

## Specification: 17HS -240E

## 1.8 degree hybrid stepper motor

motor type	length mm	holding torque Ncm	rotor inertia Kgcm <sup>2</sup>	resistance per phase ohms	current per phase amps	inductance per phase mH	number of leads	mass Kg
17HS-240E	46	29	0.036	0.72	2.3	0.83	4	0.3

## Connections



## Performance using MSE570 drive

36 Volt rail: 2.3 Amps per phase

