

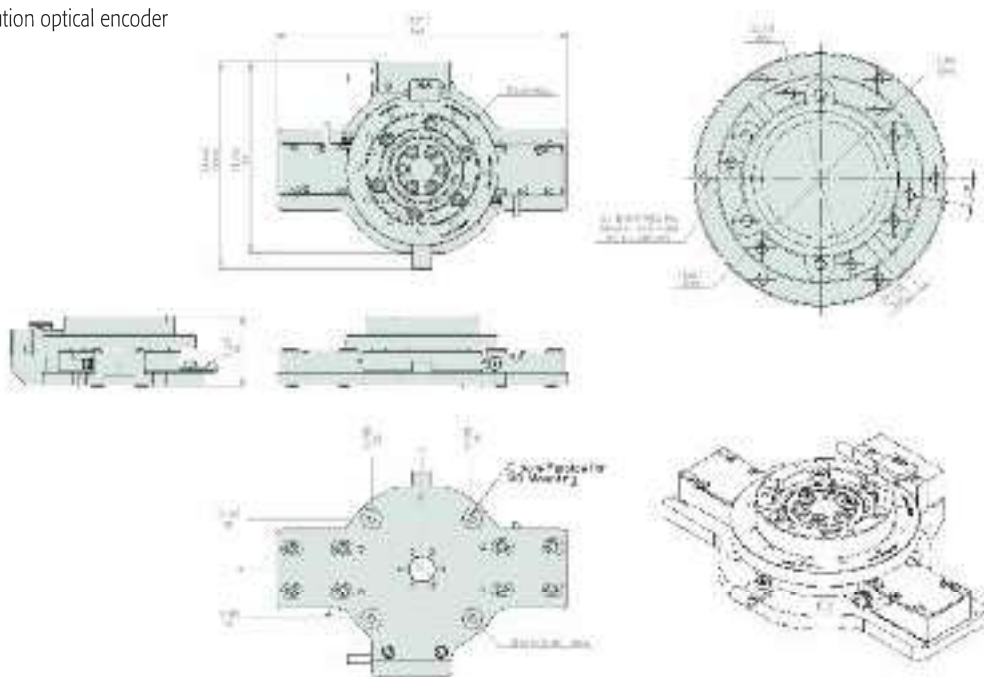
Nanomotion's FBR Rotary stage provides the most compact footprint for precision rotary motion. A 60mm diameter ceramic ring surrounds a precision crossed roller bearing with a non-contact optical encoder. The FBR60 can be configured with encoder resolutions to 0.5 arc seconds and one or multiple motors for different speed/torque requirements.

FBR60 Rotary Stages are available in standard, Vacuum and UHV configurations and are provided with a through hole in the center to allow for wires or other devices that require a center feed.



### Features

- Extremely compact footprint & low profile
- High stiffness crossed roller bearing
- Standard and vacuum configurations
- Easily configurable in multi-axis
- High resolution optical encoder



### Performance Specifications

Nanomotion also configures the FBR60 with (1) HR2 motor, to reduce footprint with lighter loads. Contact factory for more details.

	velocity	resolution	accuracy	torque	radial runout	flatness of rotation	load capacity
<b>FBR60-360-5.0</b>	360°/sec	5 arc sec	10 arc sec	0.22Nm to 0.44Nm	5µm	5µm	5kg (horz)
<b>FBR60-360-0.5</b>	360°/sec	0.5 arc sec	10 arc sec	0.22Nm to 0.44Nm	5µm	5µm	5kg (horz)