

Rotary Direct Drive



NEW!

BAYSIDE[®]
MotionGroup
PRECISION IN MOTION



▶ *Rotary* Series: Direct Drive Precision Stages

When to Use:

- ▶ Precision rotary motion
- ▶ ZERO backlash
- ▶ Compact
- ▶ Rugged

Applications:

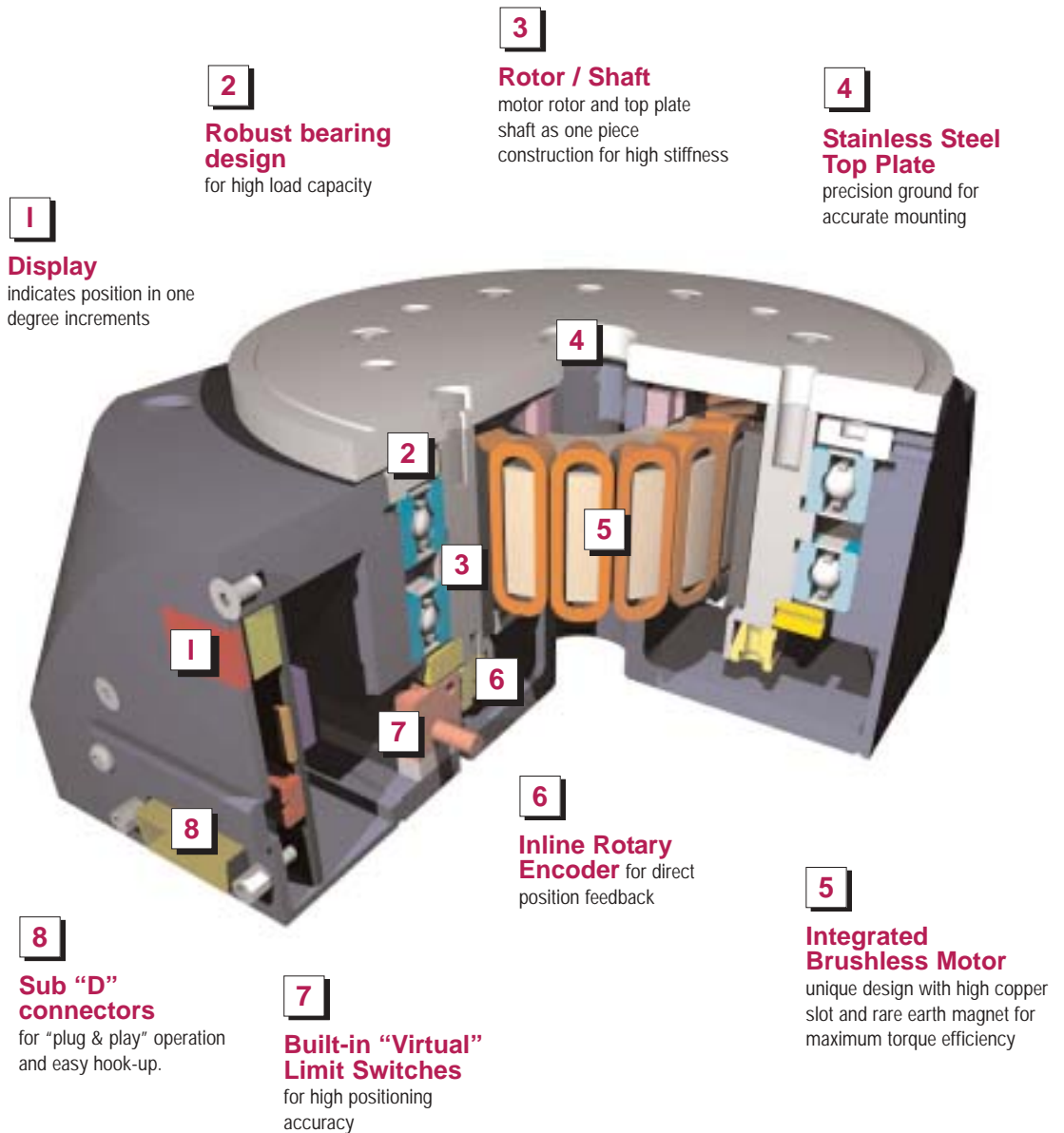
- ▶ Electronic assembly
- ▶ Fiber Optics
- ▶ Medical
- ▶ Packaging
- ▶ Pharmaceutical
- ▶ Robotics
- ▶ Semiconductor

High Performance in a Compact Package

Bayside's Direct Drive Rotary Stage, featuring an integral brushless DC servomotor, has several distinct advantages over traditional worm gear-driven stages. The elimination of the worm gearing offers the ability to reduce wear with zero backlash while exhibiting near frictionless motion.

Its high positioning accuracy, solely based on the stage's encoder, provides repeatability within ± 2 encoder counts, with resolutions ranging to 0.5 arc seconds. The RD Direct Drive features speeds up to 500 RPM with significant torque capability.

In addition, there are three absolute programmable position reply outputs, plus a three-digit display, indicating absolute position in one degree increments.



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