

## NXT-A-070 SERIES

Right-angle planetary gearbox

NXT-A-070-1-4

- 70mm diameter, high efficiency
- Very high torsional stiffness
- Low std backlash with tighter tolerance option
- Nominal torque up to 20Nm
- Ratios 3:1 to 100:1



### PRODUCT DESCRIPTION

NXT A series range offers right-angle planetary gearboxes in 3 sizes with high torsional rigidity and standard keyway output shaft.

- Gear ratios from 3:1 (single stage) to 100:1 (two stage)
- Nominal torque handling from 16.5-110Nm
- Torsional rigidity between 2.8-22Nm/arcmin

Two backlash tolerances are available in each configuration depending on application requirements.

NXT range also includes in-line and toothed pulley-drive output options, IP65 is standard.

### TECHNICAL DATA

|                               |               |
|-------------------------------|---------------|
| <b>Axial load max</b>         | 1500 N        |
| <b>Efficiency</b>             | 94 %          |
| <b>Emergency brake torque</b> | 60            |
| <b>Input speed</b>            | 3000 rpm      |
| <b>IP class</b>               | IP65          |
| <b>Max backlash</b>           | 8 arcmin      |
| <b>Max radial load</b>        | 1400 N        |
| <b>Max. input speed</b>       | 4500 rpm      |
| <b>Moment of inertia</b>      | 0.42          |
| <b>Noise level</b>            | 73 dB         |
| <b>Nominal torque</b>         | 16            |
| <b>Reduction ratio</b>        | 4             |
| <b>Starting torque</b>        | 30            |
| <b>Stiffness</b>              | 2.8 Nm/arcmin |

**Weight**

2.3 kg