

## NXT-A-120 SERIES

Right-angle planetary gearbox

NXT-A-120-1-3

- 120mm diameter, high efficiency
- Very high torsional stiffness
- Low std backlash with tighter tolerance option
- Nominal torque up to 110Nm
- 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>	3800 N
<b>Efficiency</b>	94 %
<b>Emergency brake torque</b>	200 Nm
<b>Input speed</b>	2000 rpm
<b>IP class</b>	IP65
<b>Max backlash</b>	8 arcmin
<b>Max radial load</b>	4500 N
<b>Max. input speed</b>	3400 rpm
<b>Moment of inertia</b>	3.77 kgcm <sup>2</sup>
<b>Noise level</b>	76 dB
<b>Nominal torque</b>	48 Nm
<b>Reduction ratio</b>	3
<b>Starting torque</b>	95 Nm
<b>Stiffness</b>	14 Nm/arcmin

**Weight**

9,5 kg