

## NXT-P-120 PLANETARY GEARBOX

Inline pulley drive gearbox

NXT-P-120-2-20

- 120mm diameter, high efficiency
- Pulley output planetary gearbox
- Low std backlash with tighter tolerance option
- Nominal torque up to 110Nm
- Ratios 3:1 to 100:1



### PRODUCT DESCRIPTION

NXT P series range offers coaxial planetary gearboxes in 3 sizes with high torsional rigidity and toothed-pulley 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 right-angle output options with keyway shaft, IP65 is standard.

### TECHNICAL DATA

<b>Axial load max</b>	3800 N
<b>Efficiency</b>	94 %
<b>Emergency brake torque</b>	400
<b>Input speed</b>	2600 rpm
<b>IP class</b>	IP65
<b>Max backlash</b>	8 arcmin
<b>Max radial load</b>	9500 N
<b>Max. input speed</b>	5000 rpm
<b>Moment of inertia</b>	5.29
<b>Noise level</b>	72 dB
<b>Nominal torque</b>	110
<b>Reduction ratio</b>	20
<b>Starting torque</b>	210
<b>Stiffness</b>	35 Nm/arcmin

**Weight**

10.5 kg