

NXT-P-120 PLANETARY GEARBOX

Inline pulley drive gearbox

NXT-P-120-2-25

- 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

| | |
|------------------------|--------------|
| Axial load max | 3800 N |
| Efficiency | 94 % |
| Emergency brake torque | 400 |
| Input speed | 2600 rpm |
| IP class | IP65 |
| Max backlash | 8 arcmin |
| Max radial load | 9500 N |
| Max. input speed | 5000 rpm |
| Moment of inertia | 5.26 |
| Noise level | 72 dB |
| Nominal torque | 110 |
| Reduction ratio | 25 |
| Starting torque | 210 |
| Stiffness | 35 Nm/arcmin |

Weight

10.5 kg