

NXT-P-070 PLANETARY GEARBOX

Inline pulley drive gearbox

NXT-P-070-1-3

- 70mm diameter, high efficiency
- Toothed pulley output shaft
- Low std backlash with tighter tolerance option
- Nominal torque up to 20Nm
- 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	1500 N
Efficiency	96 %
Emergency brake torque	60 Nm
Input speed	3500 rpm
IP class	IP65
Max backlash	6 arcmin
Max radial load	3000 N
Max. input speed	6000 rpm
Moment of inertia	0.32 kgcm ²
Noise level	70 dB
Nominal torque	16,5 Nm
Reduction ratio	3
Starting torque	30 Nm
Stiffness	3,5 Nm/arcmin

Weight

1,75 kg