OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# NXT-P-070 PLANETARY GEARBOX

Inline pulley drive gearbox

NXT-P-070-2-20



- 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

| | |
|---|---|
| **1651_Moment of inertia (kg/cm²)** | 0.25 |
| **Axial load max** | 1500 N |
| **Efficiency** | 94 % |
| **Emergency brake torque** | 70 |
| **Input speed** | 3500 rpm |
| **IP class** | IP65 |
| **Max backlash** | 8 arcmin |
| **Max radial load** | 3000 N |
| **Max. input speed** | 6000 rpm |
| **Noise level** | 70 dB |
| **Nominal torque** | 20 |
| **Reduction ratio** | 20 |
| **Starting torque** | 35 |
| **Stiffness** | 4.5 Nm/arcmin |
| **Weight** | 2.15 kg |