

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

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| 1651_Moment of inertia (kg/cm ²) | 3.77 |
| Axial load max | 3800 N |
| Efficiency | 94 % |
| Emergency brake torque | 200 |
| Input speed | 2000 rpm |
| IP class | IP65 |
| Max backlash | 8 arcmin |
| Max radial load | 4500 N |
| Max. input speed | 3400 rpm |
| Noise level | 76 dB |
| Nominal torque | 48 |
| Reduction ratio | 3 |
| Starting torque | 95 |
| Stiffness | 14 Nm/arcmin |
| Weight | 9.5 kg |

