

NXT-A-120 SERIES

Right-angle planetary gearbox

NXT-A-120-2-100

- 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

Axial load max	3800 N
Efficiency	91 %
Emergency brake torque	350
Input speed	2000 rpm
IP class	IP65
Max backlash	12 arcmin
Max radial load	4500 N
Max. input speed	3400 rpm
Moment of inertia	1.35
Noise level	76 dB
Nominal torque	95
Reduction ratio	100
Starting torque	190
Stiffness	20 Nm/arcmin

Weight

12 kg