

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

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

Weight

9,5 kg