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NXT-A-120 SERIES

Right-angle planetary gearbox

NXT-A-120-1-5



- 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

1651_Moment of inertia (kg/cm²)	2.04
Axial load max	3800 N
Efficiency	94 %
Emergency brake torque	310
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	80
Reduction ratio	5
Starting torque	160
Stiffness	18 Nm/arcmin
Weight	9.5 kg