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NXT-A-070 SERIES

Right-angle planetary gearbox

NXT-A-070-2-16



- 70mm diameter, high efficiency
- Very high torsional stiffness
- Low std backlash with tighter tolerance option
- Nominal torque up to 20Nm
- 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)	0.42
Axial load max	1500 N
Efficiency	91 %
Emergency brake torque	70
Input speed	3000 rpm
IP class	IP65
Max backlash	12 arcmin
Max radial load	1400 N
Max. input speed	4500 rpm
Noise level	73 dB
Nominal torque	20
Reduction ratio	16
Starting torque	35
Stiffness	3 Nm/arcmin
Weight	2.7 kg