

NXT-A-070 SERIES

Right-angle planetary gearbox

NXT-A-070-1-3

- 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

Axial load max	1500 N
Efficiency	94 %
Emergency brake torque	45 Nm
Input speed	3000 rpm
IP class	IP65
Max backlash	8 arcmin
Max radial load	1400 N
Max. input speed	4500 rpm
Moment of inertia	0.49 kgcm ²
Noise level	73 dB
Nominal torque	12 Nm
Reduction ratio	3
Starting torque	22 Nm
Stiffness	2,4 Nm/arcmin

Weight

2,3 kg