

## NXT-A-090 SERIES

Right-angle planetary gearbox

NXT-A-090-1-5

- 90mm diameter, high efficiency
- Very high torsional stiffness
- Low std backlash with tighter tolerance option
- Nominal torque up to 42Nm
- 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	1900 N
Efficiency	94 %
Emergency brake torque	180
Input speed	2550 rpm
IP class	IP65
Max backlash	8 arcmin
Max radial load	2350 N
Max. input speed	4000 rpm
Moment of inertia	1.35
Noise level	75 dB
Nominal torque	42
Reduction ratio	5
Starting torque	90
Stiffness	7.5 Nm/arcmin

Weight

5.7 kg