Nexo – intelligent cordless nutrunners

Rexroth intelligent cordless nutrunners join wireless technology with all the advantages of the proven ErgoSpin hand-held nutrunner for all category A safety-critical tightening jobs in accordance with VDI 2862: Direct measurement of control and monitoring values and the storing of the fastening results for record keeping purposes.

Output drive

Barcode scanner for workpiece registration

Robust, easy to read color display

Control elements

Start switch

Non-slip handle

LED for tightening position illumination

36 V Lithium ion battery

▶ Fits easily into the existing infrastructure of any prodction environment
▶ Integrated controller
▶ Direct communication between the line PLC and the data collection server
▶ Protection class: IP40

Nexo cordless nutrunner
NXP pistolgrip nutrunner

▶ Working range 1.8 – 12 Nm
▶ Max. output drive speed 880 rpm
▶ Suitable for safety-critical tightening jobs in
   accordance with VDI/VDE 2862

FEATURES

▶ For troublefree working at hard-to-reach tightening
   positions
▶ Ergonomic design and maximum freedom of movement
▶ Graphic display: direct values of the tightening results,
   program selection, and process information
▶ Process reliability even without a connection to the WiFi
   network

Working range	Max. output drive speed	Tool mount	Weight without battery[1]	Installation length without battery[1]	Code	Order no.
Nm	rpm		kg	mm		
1.8 – 12	880	1/4" quick-change chuck	1.34	237	NXP012QD-36V	0 608 842 005
1.8 – 12	880	1/4" quick-change chuck	1.34	237	NXP012QD-36V-B[2]	0 608 842 010

[1] Weight of battery: 0.7 kg
    Length of battery: 86 mm
[2] With integrated barcode scanner

NOTE

Supply of Nexo cordless nutrunner without battery pack.

For slide-in battery pack see page 106.

Nexo cordless nutrunner
NXA right-angle nutrunner

▶ Working range 3 – 65 Nm
▶ Max. output drive 850 rpm
▶ Suitable for safety-critical tightening jobs in accordance with VDI/VDE 2862

FEATURES

▶ With slim angle head for high accessibility
▶ Graphic display: direct values of the tightening results, program selection, and process information
▶ Process reliability even without a connection to the WiFi network

Working range Nm	Max. output drive speed rpm	Tool mount	Weight without battery[1] kg	Installation length without battery[1] mm	Code	Order no.
3 – 11	850	3/8" square drive	1.56	442	NXA011S-36V	0 608 842 011
3 – 11	850	3/8" square drive	1.56	442	NXA011S-36V-B[2]	0 608 842 012
3 – 15	600	3/8" square drive	1.56	442	NXA015S-36V	0 608 842 001
3 – 15	600	3/8" square drive	1.56	442	NXA015S-36V-B[2]	0 608 842 006
6 – 30	310	3/8" square drive	1.99	534	NXA030S-36V	0 608 842 002
6 – 30	310	3/8" square drive	1.99	534	NXA030S-36V-B[2]	0 608 842 007
10 – 50	185	3/8" square drive	2.03	534	NXA050S-36V	0 608 842 003
10 – 50	185	3/8" square drive	2.03	534	NXA050S-36V-B[2]	0 608 842 008
13 – 65	135	3/8" square drive	2.03	534	NXA065S-36V	0 608 842 013
13 – 65	135	3/8" square drive	2.03	534	NXA065S-36V-B[2]	0 608 842 014

[1] Weight of battery: 0.7 kg; length of battery: 86 mm
[2] With integrated barcode scanner

NOTE
Supply of Nexo cordless nutrunner without battery pack.

Nexo cordless nutrunner
NXV VarioLine nutrunner

▶ Working range basic machine 1.8 – 12 Nm
▶ Working range with angle head 3 – 15 Nm
▶ Max. output drive of basic machine 880 rpm
▶ Max. output drive with angle head 600 rpm
▶ Suitable for safety-critical tightening jobs in accordance with VDI/VDE 2862

FEATURES

▶ With slim angle head for high accessibility
▶ Graphic display: direct values of the tightening results, program selection, and process information
▶ Process reliability even without a connection to the WiFi network

Working range Nm	Max. output drive speed rpm	Tool mount	Weight without battery[1] kg	Installation length without battery[1] mm	Code	Order no.
3 – 15 / 1.8 – 12[2]	600 / 880[2]	Basic machine with an output with thread and pin for the attachement of special output drives	1.56 / 1.35[2]	442	NXV012T-36V	0 608 842 015
3 – 15 / 1.8 – 12[2]	600 / 880[2]		1.56 / 1.35[2]	442	NXV012T-36V-B[3]	0 608 842 016

[1] Weight of battery: 0.7 kg; length of battery: 86 mm
[2] Values without output drive
[3] With integrated barcode scanner

NOTES
Supply of basic machine with angle head.
Supply of Nexo cordless nutrunner without battery pack.
For slide-in battery pack see page 106.

Nexo
Angle heads

Code	Suitable for	Tool mount	Weight kg	Max. torque* Nm	Gear ratio	Avg. efficiency	Order no.
NXAH11-15	NXA011S-36V/-B NXA015S-36V/-B	3/8" square drive	1.56	15	1.4	0.94	0 608 843 022
NXAH30	NXA030S-36V/-B	3/8" square drive	1.56	30	5.25	0.94	0 608 843 023
NXAH50-65	NXA050S-36V/-B NXA065S-36V/-B	3/8" square drive	1.56	65	6.363636	0.94	0 608 843 024

* Value refers to angle head

Nexo
Accessories and extensions

MOUNTING AID FOR ANGLE HEADS

Code	Suitable for	Order no.
ESWM	NXA030S-36V	3 608 876 473
	NXA050S-36V	
	NXA065S-36V	

PROTECTIVE CAP FOR ANGLE HEADS

Code	Suitable for	Quantity	Order no.
NXAPAH2	NXA030S-36V	5	0 608 843 015
	NXA050S-36V		
	NXA065S-36V		

PROTECTIVE CAP FOR ANGLE HEADS

Code	Suitable for	Quantity	Order no.
NXAPAH1	NXA011S-36V	5	0 608 843 016
	NXA015S-36V		

PROTECTIVE INSULATION FOR BATTERY ASSEMBLY

Code	Suitable for	Tool mount	Max. torque	Order no.
NXPP012	NXP12QD-36V	1/4" quick-change chuck	12 Nm	0 608 843 012

PROTECTIVE INSULATION FOR BATTERY ASSEMBLY

Code	Suitable for	Tool mount	Max. torque	Order no.
NXAP030	NXA030S-36V	3/8" square drive	30 Nm	0 608 843 011
	NXA050S-36V			
	NXA065S-36V			

Nexo – accessories and extensions

SLIDE-IN BATTERY PACK

Code	Quantity	Order no.
NX-BP2-36V	1	0608843019

SIMPLE CHARGER

Code	Voltage	Order no.
NX-BC36V	100V-240V (~50-60Hz)	0608843002

Battery charging cabinets for Rexroth slide-in battery packs
on request

PROGRAMMING ADAPTER*

Code	Order no.
NX-A3	0608843021

* Adapter supplied without Ethernet cable

MICRO SD CARD

Code	Order no.
NX-SD	0608843005

HOLDER FOR RIGHT-ANGLE NUTRUNNERS

Code	Order no.
ESAT	3 608 876 626

On request with sensors for tool detection

HOLDER FOR PISTOLGRIP NUTRUNNERS
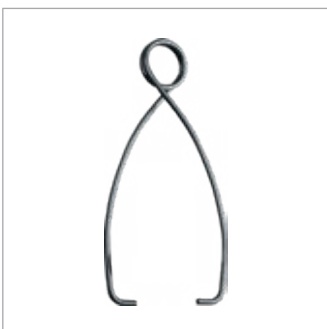
Code	Order no.
NXPT	0 608 843 008

Note: Cannot be used for pistolgrip nutrunners with protective insulation for battery assembly

TURNING SUSPENSION FOR RIGHT-ANGLE NUTRUNNERS

Code	Order no.
NXAMT	0 608 843 003

SUSPENSION FOR PISTOLGRIP NUTRUNNERS

Code	Order no.
NXPB	0 608 843 004

Nexo – accessories and extensions

EXTRA GRIP FOR PISTOLGRIP NUTRUNNERS

Code	Order no.
NXPH	0608843009

Note: Cannot be used for pistolgrip nutrunners with protective insulation for battery assembly.

ASSORTED COLORED RINGS

Code	Quantity	Order no.
NX-R	21 (3 pieces of each color)	0608843010

NEXO BRACKET FOR SUPPORT SYSTEMS (E. G. POSITIONING SENSORS)

Code	Quantity	Order no.
NX-HD	2	0608843018

ACCESS POINT*

Code	Order no.
NX-ACCESS	0608843007

* Without power supply unit.

Nexo
Browser-based operating software NEXO-OS

▶ Easy set-up as additional software installation is not necessary. Operating software can be used without local installation.

▶ Independence from end devices provides complete flexibility. Access to the browser-based software is not dependent on operating system nor end device.

▶ You can access the Nexo software by using any web-browser enabled device.

▶ Easy to learn, easy to use: Programming of individual tightening tasks is simple via the intuitive graphic user interface.

▶ Scalable user rights