

GEDORE TORQUE SOLUTIONS

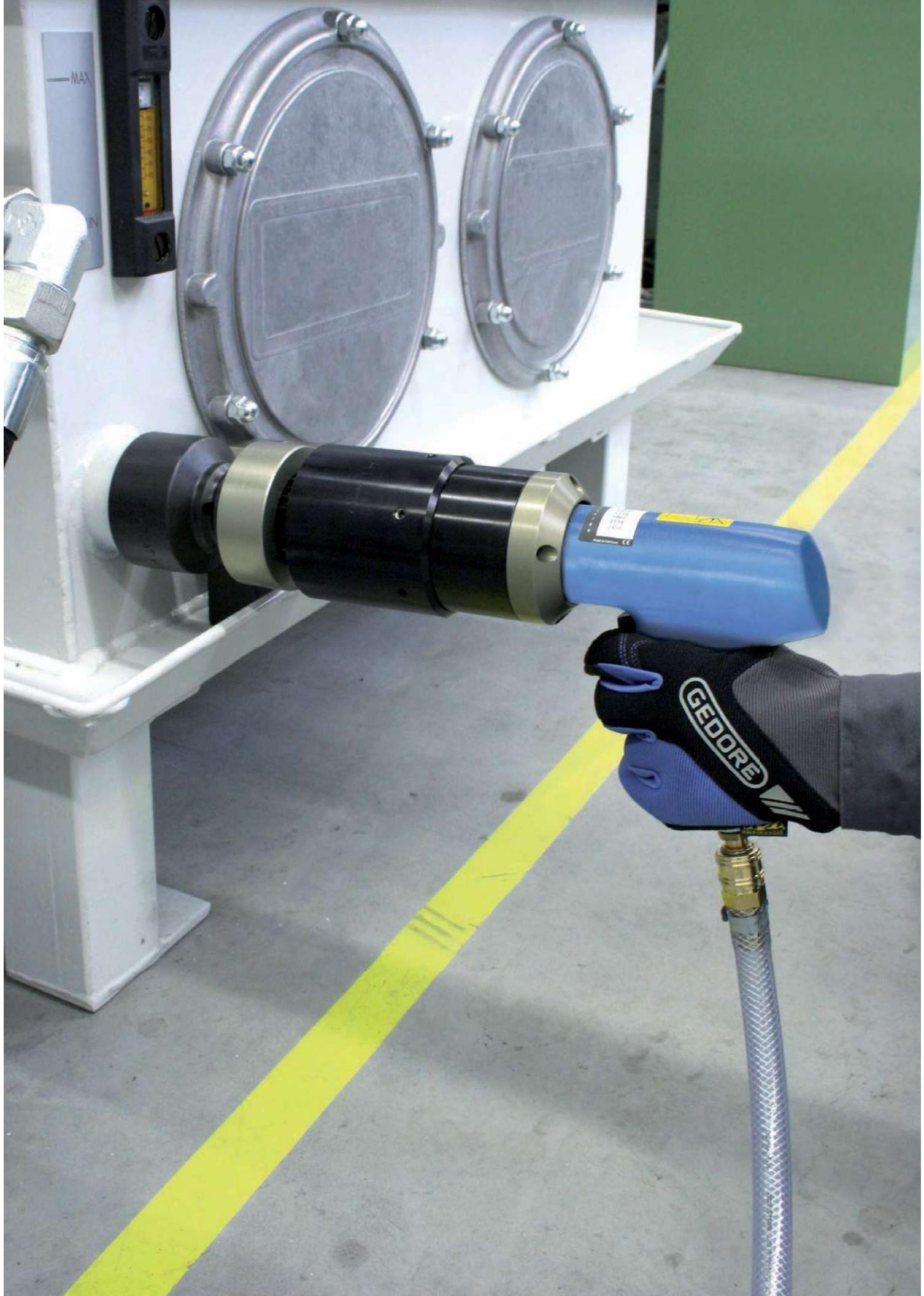


1617

„WE CANNOT CHANGE THE WIND
BUT WE CAN ADJUST OUR SAILS.“

Aristoteles (384 - 322 B.C.), Greek philosopher





LPK, LPK-X

PNEUMATIC TORQUE WRENCH

LPK

- › MACHINE
- › REACTION ARM CRANKED
- › TOOL CASE
- › OPERATING MANUAL
- › FACTORY CALIBRATION
CERTIFICATE



THE PNEUMATIC TORQUE WRENCH

LPK SERIES, 80 - 12.800 Nm

LPK series



Maintenance unit optionally available





Quiet and accurate torque - even from just 2 bar operating pressure

The pneumatic torque wrench is not an impact wrench. It functions without vibrations, thus protecting the user. Hand on vibration and hearing loss can be significantly reduced with the GEDORE Torque Solutions GmbH pneumatic torque wrenches.

The force is transmitted quietly and precisely from just 2 bar operating pressure via the proven high-performance gear unit to the bolt connection.

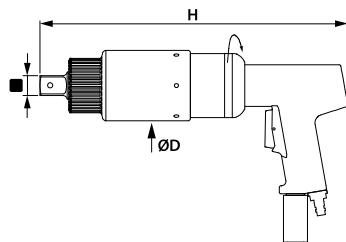


Rugged pneumatic torque wrench for a wide range of environments

Because of the continuously generated overpressure in the device, the pneumatic torque wrench is particularly resistant when used in extremely dirty or dusty environments. Pressure fluctuations in the supply network are effectively compensated for by the proven maintenance unit comprising of an air filter, oiler and pressure reducers. The device is supplied with a constantly uniform airflow and the torque is constantly maintained.



Technical data



LPK series – pneumatic

| Type | N·m min* ¹ /max* ² | lbf·ft min* ¹ /max* ² | ~ U/min | ■ | Ø D mm | H mm | kg * ³ |
|-----------|---|--|---------|--------|-----------|---------|----------------------|
| LPK - 05 | 80 - 450 | 60 - 330 | 55 | 3/4" | 80 | 295 | 3.0 |
| LPK - 09 | 200 - 900 | 150 - 670 | 24 | 3/4" | 80 | 328 | 3.2 |
| LPK - 15 | 300 - 1500 | 220 - 1110 | 12 | 1" | 88 | 343 | 4.7 |
| LPK - 22 | 500 - 2200 | 370 - 1620 | 7 | 1" | 88 | 360 | 5.1 |
| LPK - 32 | 800 - 3200 | 590 - 2360 | 4 | 1" | 88 | 383 | 5.8 |
| LPK - 40 | 850 - 4200 | 620 - 3100 | 4 | 1" | 88 | 383 | 5.8 |
| LPK - 60 | 1200 - 6000 | 880 - 4400 | 4 | 1 1/2" | 102 | 400 | 7.7 |
| LPK - 70 | 1500 - 7000 | 1110 - 5160 | 3 | 1 1/2" | 128 | 416 | 10.6 |
| LPK - 95 | 2000 - 9500 | 1470 - 7000 | 2.5 | 1 1/2" | 142 | 431 | 12.5 |
| LPK - 120 | 2500 - 12800 | 1840 - 9440 | 1.5 | 1 1/2" | 174.5 | 448 | 18.5 |

*1 Lowest torque at 1.5 bar *2 Maximum torque at 8 bar *3 Without reaction arm
At 8 bar ca. 1,400 l/min. All rights reserved. Subject to modifications without prior notice.

THE PNEUMATIC TORQUE WRENCH

LPK-X SERIES, 80 - 4.200 Nm

LPK-X series

Braked 360°-rotating motor unit for comfortable working with optimal operator safety



torque values readable on the label



Rocker switch for simple change of rotation direction

Low-backlash high-performance gear unit for reliable, long-term operation



Smallest dimensions and compact construction for extremely confined spaces



2-speed planet gear unit for up to 7-fold faster tightening speed



Supplied with individual GEDORE factory calibration certificate



Accessories for the series LPK and LPK-X



Reaction arm cranked with lock on function, made of drop-forged chrome-vanadium steel



Reaction arm made of light alloy, straight with adjustable locking knob with movable square-end and retaining ring



Reaction ring for bespoke reaction arm design



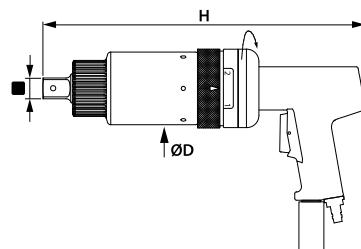
Up to 7 times higher bolting speed

The LPK-X series has a 2-speed planet gear unit. The user can therefore select between rapid and torque mode. The rapid mode drives the bolt in up to the joining torque with a speed up to 300 rpm. It is then possible to switch to the torque mode that tightens the bolt to the precise torque required. Once the required torque has been achieved, the device switches off automatically.

If a torque wrench is not available, bolt connections are usually pre-tightened and then finished off with a torque wrench. These two working steps are combined in the LPK-X, saving working time for the user. In extensive on-site applications, the assembly times can be reduced by up to 30% through the combination of two working steps in one device with the LPK-X.



Technical data



LPK-X series – pneumatic

| Typw | N·m min* ¹ / max* ² | lbf·ft min* ¹ / max* ² | ~ U/min* ³ | | Ø D mm | H mm | kg* ⁴ |
|------------|--|---|-----------------------|------|-----------|---------|------------------|
| LPK - 05 X | 80 - 450 | 60 - 330 | 300 | 3/4" | 80 | 301 | 3.0 |
| LPK - 09 X | 200 - 900 | 150 - 670 | 100 | 3/4" | 88 | 333 | 4.0 |
| LPK - 22 X | 500 - 2200 | 370 - 1620 | 30 | 1" | 88 | 367 | 5.5 |
| LPK - 32 X | 800 - 3200 | 590 - 2360 | 25 | 1" | 88 | 390 | 6.2 |
| LPK - 40 X | 850 - 4200 | 620 - 3100 | 20 | 1" | 88 | 390 | 7.0 |

*1 Lowest torque in 2nd gear at 1.5 bar
At 8 bar ca. 1,400 l/min. All rights reserved. Subject to modifications without prior notice.

*2 Maximum torque in 1st gear at 8 bar

*3 Maximum speed in 2nd gear

*4 Without reaction arm