



# LPK, LPK-X

## PNEUMATIC TORQUE WRENCH

### LPK



### SCOPE OF DELIVERY

- › DEVICE
- › REACTION ARM CRANKED
- › TOOL BOX
- › OPERATING MANUAL
- › FACTORY CALIBRATION CERTIFICATE



### LPK-X



### SCOPE OF DELIVERY

- › DEVICE
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# THE PNEUMATIC TORQUE WRENCH

## LPK SERIES, 80 - 12800 Nm







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

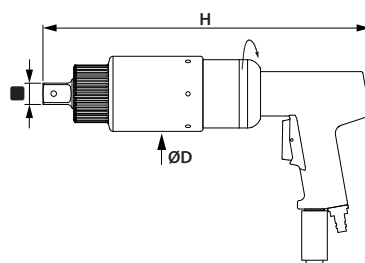
The pneumatic torque wrench functions without vibrations, thus protects the user. Hands on vibration and noise levels are significantly reduced with the GEDORE Torque Solutions GmbH pneumatic torque wrenches. The force is transmitted quietly and precisely from just 2 bar operating pressure via the proven high-performance gear unit to the bolt connection.

## Robust 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

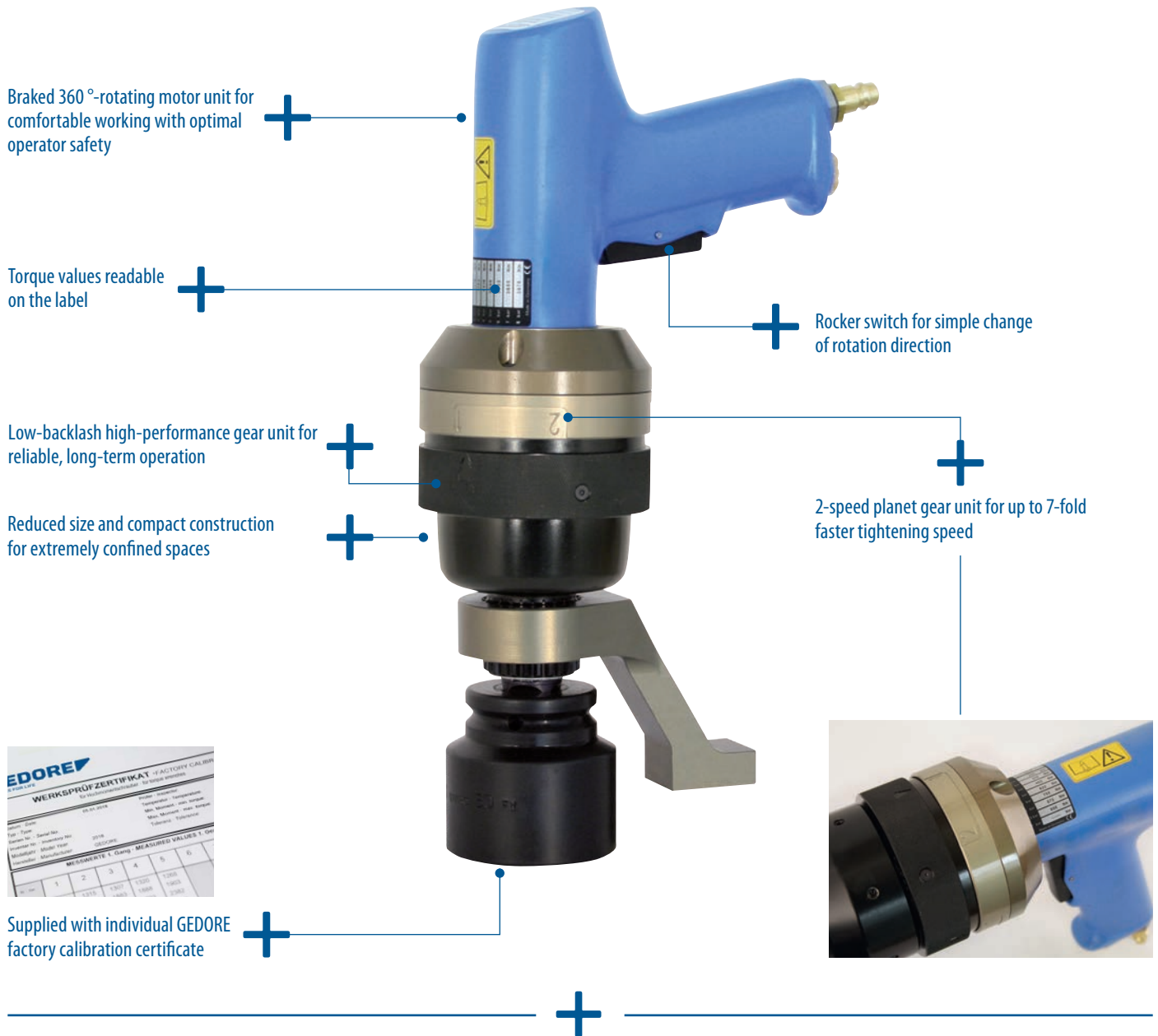
Type	N-m min <sup>*1</sup> /max <sup>*2</sup>	lbf-ft min <sup>*1</sup> /max <sup>*2</sup>	~ U/min	■	Ø D mm	H mm	kg <sup>*3</sup>
LPK-05	80 - 450	60 - 330	55	3/4"	80	295	3.0
LPK-09	200 - 900	150 - 670	24	3/4"	80	328	3.2
LPK-15	300 - 1500	220 - 1110	12	1"	88	343	4.7
LPK-22	500 - 2200	370 - 1620	7	1"	88	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 - 12 800	1840 - 9440	1.5	1 1/2"	174.5	448	18.5

<sup>\*1</sup> Lowest torque at 1.5 bar      <sup>\*2</sup> Maximum torque at 8 bar  
The continuous sound pressure as per DIN 455635 is 84 dB(A)

<sup>\*3</sup> Without reaction arm      Vibration is less than 2.5 m/s<sup>2</sup>      At 8 bar ca. 1400 l/min.  
Further torque ranges on request. All rights reserved. Subject to modifications without prior notice.

# THE PNEUMATIC TORQUE WRENCH

## LPK-X SERIES, 80 - 4200 Nm



### Scope of delivery

- › Device
- › Reaction arm cranked with lock on function made of chrome vanadium steel
- › Tool box
- › Operating instructions
- › Factory calibration certificate

### Optional accessories

- › 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
- › Hose (4m)
- › Maintenance unit





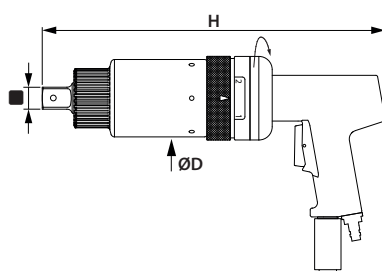
## Up to 7 times higher bolting speed

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

Typ	N·m min <sup>*1</sup> /max <sup>*2</sup>	lbf·ft min <sup>*1</sup> /max <sup>*2</sup>	~ U/min <sup>*3</sup>		Ø D mm	H mm	 <sup>*4</sup>
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

<sup>\*1</sup> Lowest torque in 1st gear at 1.5 bar  
At 8 bar ca. 1400 l/min. All rights reserved.  
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<sup>\*2</sup> Maximum torque in 1st gear at 8 bar  
Vibration is less than 2.5 m/s<sup>2</sup>

<sup>\*3</sup> Maximum speed in 2nd gear

<sup>\*4</sup> Without reaction arm  
The continuous sound pressure as per DIN 455635 is 84 dB(A)