

8  
T  
O  
S



paoli®

MADE OF  
STEEL

INDUSTRY

**DP 635**


PRODUCT NAME	DP 635
SQUARE DRIVE	2 ½"
BOLT RANGE	M50-M110
MAX TORQUE	26400 Nm - 19520 ft-lb
WORKING TORQUE	6050-8800 Nm 4480-6510 ft-lb
WEIGHT	67 kg - 147.7 lbs
FREE SPEED	2100 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1" BSP
INNER HOSE DIAMETER	25 mm - 0.984 in
VIBRATION LEVEL - TRIAxIAL	13,7 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	114 dB(A)

**ALSO AVAILABLE:  
2" SQUARE DRIVE VERSION**

Max torque:  
23544 Nm - 17423 ft-lb

Working torque:  
5396-7848 Nm - 3993-5808 ft-lb

**DP 381**


PRODUCT NAME	DP 381
SQUARE DRIVE	1 ½ "
BOLT RANGE	M30-M80
MAX TORQUE	8000 Nm - 5920 ft-lb
WORKING TORQUE	2100-4710 Nm 1550-3490 ft-lb
WEIGHT	32 kg - 70.5 lbs
FREE SPEED	2300 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	3/4" BSP
INNER HOSE DIAMETER	19 mm - 0.748 in
VIBRATION LEVEL - TRIAxIAL	11,9 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	106 dB(A)

**ALSO AVAILABLE:  
2" SQUARE DRIVE VERSION**

Max torque:  
8954 Nm - 6626 ft-lb

Working torque:  
2307-5274 Nm - 1707-3903 ft-lb

DP 362 BG



PRODUCT NAME	DP 362 BG
SQUARE DRIVE	1 1/2"
BOLT RANGE	M24-M56
MAX TORQUE	5950 Nm - 4400 ft-lb
WORKING TORQUE	1400-3300 Nm 1050-2440 ft-lb
WEIGHT	14,5 kg - 32 lbs
FREE SPEED	3200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	16 mm - 0.630 in
VIBRATION LEVEL - TRIAXIAL	12,3 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	104 dB(A)

**ALSO AVAILABLE:  
1" SQUARE DRIVE VERSION**

*Bolt range:  
M18-M56  
Max torque:  
5297 Nm - 3920 ft-lb  
Working torque:  
1177-2943 Nm - 871-2178 ft-lb  
Weight:  
14,3 kg - 31.7 lbs*

DP 321



PRODUCT NAME	DP 321
SQUARE DRIVE	1 1/2"
BOLT RANGE	M20-M50
MAX TORQUE	4450 Nm - 3270 ft-lb
WORKING TORQUE	1000-2500 Nm 730-1850 ft-lb
WEIGHT	11,3 kg - 25 lbs
FREE SPEED	3.000 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	16 mm - 0.630 in
VIBRATION LEVEL - TRIAXIAL	11 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	102 dB(A)

*The 1 1/2" square drive model  
with pistol grip and  
rear exhaust.*

## DP 320



PRODUCT NAME	DP 320
SQUARE DRIVE	1"
BOLT RANGE	M18-M45
MAX TORQUE	3750 Nm - 2760 ft-lb
WORKING TORQUE	800-2300 Nm 600-1700 ft-lb
WEIGHT	10,8 kg - 23.9 lbs
FREE SPEED	3000 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	5,8 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	103 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

Anvil length:  
191 mm - 7.5 in

Weight:  
12,1 kg - 26.8 lbs

## DP 256 BG



PRODUCT NAME	DP 256 BG
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	3200 Nm - 2360 ft-lb
WORKING TORQUE	600-2200 Nm 450-1610 ft-lb
WEIGHT	9,4 kg - 20.9 lbs
FREE SPEED	3200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,9 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	101 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

Anvil length:  
191 mm - 7.52 in

Weight:  
10,6 kg - 23.4 lbs

DP 251



PRODUCT NAME	DP 251
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	3050 Nm - 2250 ft-lb
WORKING TORQUE	700-2180 Nm 550-1610 ft-lb
WEIGHT	9 kg - 20 lbs
FREE SPEED	3100 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,8 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	101 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

*Anvil length:  
191 mm - 7.5 in*

*Weight:  
10,2 kg - 22.6 lbs*

DP 246



PRODUCT NAME	DP 246
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	2800 Nm - 2070 ft-lb
WORKING TORQUE	600-1900 Nm 440-1400 ft-lb
WEIGHT	8,2 kg - 18.2 lbs
FREE SPEED	4200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,1 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	94 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

*Anvil length:  
169 mm - 6.65 in*

*Weight:  
9,1 kg - 20.2 lbs*

**DP 236**


PRODUCT NAME	DP 236
SQUARE DRIVE	1"
BOLT RANGE	M18-M33
MAX TORQUE	2500 Nm - 1850 ft-lb
WORKING TORQUE	500-1700 Nm 370-1240 ft-lb
WEIGHT	7,2 kg - 16.0 lbs
FREE SPEED	4300 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAxIAL	7,3 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	94 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

Anvil length:  
178,5 mm - 7.03 in

Weight:  
8,3 kg - 18.3 lbs

**DP 217**


PRODUCT NAME	DP 217
SQUARE DRIVE	3/4"
BOLT RANGE	M14-M24
MAX TORQUE	1700 Nm - 1260 ft-lb
WORKING TORQUE	350-1100 Nm 240-820 ft-lb
WEIGHT	5,9 kg - 13.1 lbs
FREE SPEED	5400 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAxIAL	9,4 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	102 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

Anvil length:  
156,5 mm - 6.16 in

Weight:  
6,6 kg - 14.7 lbs

DP 196



PRODUCT NAME	DP 196
SQUARE DRIVE	3/4"
BOLT RANGE	M12-M24
MAX TORQUE	1300 Nm - 960 ft-lb
WORKING TORQUE	300-1000 Nm 210-730 ft-lb
WEIGHT	4,9 kg - 10.8 lbs
FREE SPEED	4800 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	3/8" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	7,4 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	92 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

*Anvil length:  
89 mm - 3.50 in*

*Weight:  
5,23 kg - 11.53 lbs*

DP 176



PRODUCT NAME	DP 176
SQUARE DRIVE	3/4"
BOLT RANGE	M12-M24
MAX TORQUE	1000 Nm - 740 ft-lb
WORKING TORQUE	210-780 Nm 160-580 ft-lb
WEIGHT	4,2 kg - 9.2 lbs
FREE SPEED	5600 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	3/8" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	6,4 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	89 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

*Anvil length:  
89 mm - 3.50 in*

*Weight:  
4,44 kg - 9.79 lbs*



**DP 37**


PRODUCT NAME	DP 37
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	850 Nm - 630 ft-lb
WORKING TORQUE	60-650 Nm 50-490 ft-lb
WEIGHT	2,4 kg - 5.4 lbs
FREE SPEED	6000 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm - 0.315 in
VIBRATION LEVEL - TRIAxIAL	8,6 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	93 dB(A)

**ALSO AVAILABLE:  
LONG ANVIL VERSION**

Anvil length:  
90 mm - 3.54 in

Weight:  
2.5 kg - 5.6 lbs

**DP 1050**


PRODUCT NAME	DP 1050
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	700 Nm - 520 ft-lb
WORKING TORQUE	100-600 Nm 80-450 ft-lb
WEIGHT	1,3 kg - 2.8 lbs
FREE SPEED	9000 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm - 0.315 in
VIBRATION LEVEL - TRIAxIAL	12,1 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	95 dB(A)

*Ultra compact*



DP 92



PRODUCT NAME	DP 92
SQUARE DRIVE	3/8"
BOLT RANGE	M5-M10
MAX TORQUE	120 Nm - 90 ft-lb
WORKING TORQUE	30-70 Nm 20-50 ft-lb
WEIGHT	1,4 kg - 3.0 lbs
FREE SPEED	7200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/4" BSP
INNER HOSE DIAMETER	8 mm - 0.315 in
VIBRATION LEVEL - TRIAXIAL	2,5 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	82 dB(A)

**ALSO AVAILABLE:**  
**DP 92 XC WITH**  
**SCREWDRIVER CONNECTION**  
 Square drive:  
 1/4" FEM. HEX.

BUTTERFLY



PRODUCT NAME	BUTTERFLY
SQUARE DRIVE	3/8"
BOLT RANGE	M10
MAX TORQUE	110 Nm (80 ft-lb)
WORKING TORQUE	10-100 Nm 10-75 ft-lb
WEIGHT	0,53 kg - 1.17 lbs
FREE SPEED	12000 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm - 0.374 in
VIBRATION LEVEL - TRIAXIAL	4,0 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	92 dB(A)

**ALSO AVAILABLE:**  
**BUTTERFLY XC WITH**  
**SCREWDRIVER CONNECTION**  
 Square drive:  
 1/4" FEM. HEX.

**DP 362 BG ATEX**


PRODUCT NAME	DP 362 BG ATEX
SQUARE DRIVE	1 1/2"
BOLT RANGE	M24-M56
MAX TORQUE	4200 Nm - 3100 ft-lb
WORKING TORQUE	1200-2950 Nm 880-2180 ft-lb
FREE SPEED	3200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	12,3 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	104 dB(A)

**AVAILABLE MODELS**

- I M2 IIB T6
- II 2 GD IIB T6

Weight: 17,8 kg - 39.2 lbs  
Outer material: Zama

- II 2 GD IIB T6
- II 3 G IIB T6

Weight: 14,5 kg - 32 lbs  
Outer material: Aluminium

**DP 256 BG ATEX**


PRODUCT NAME	DP 256 BG ATEX
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	3200 Nm - 2360 ft-lb
WORKING TORQUE	600-1700 Nm 450-1240 ft-lb
FREE SPEED	3200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,9 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	101 dB(A)

**AVAILABLE MODELS**

- I M2 IIB T6
- II 2 GD IIB T6

Weight: 12,1 kg - 26.67 lbs  
Outer material: Zama

- II 2 GD IIB T6
- II 3 G IIB T6

Weight: 9,48 kg - 20.90 lbs  
Outer material: Aluminium

## DP 251 ATEX



PRODUCT NAME	DP 251 ATEX
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	3300 Nm - 2440 ft-lb
WORKING TORQUE	700-1600 Nm 510-1160 ft-lb
FREE SPEED	3100 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,8 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	100 dB(A)

## AVAILABLE MODELS

-  I M2 IIB T6
-  II 2 GD IIB T6

Weight: 12 kg - 26.4 lbs  
Outer material: Zama

-  II 2 GD IIB T6
-  II 3 G IIB T6

Weight: 9,1 kg - 20 lbs  
Outer material: Aluminium

## DP 246 ATEX



PRODUCT NAME	DP 246 ATEX
SQUARE DRIVE	1"
BOLT RANGE	M18-M39
MAX TORQUE	2800 Nm - 2070 ft-lb
WORKING TORQUE	600-1400 Nm 440-1020 ft-lb
FREE SPEED	4200 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	4,079 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	94 dB(A)

## AVAILABLE MODEL

-  II 2 GD IIB T6
-  II 3 G IIB T6

Weight: 8,24 kg - 18.2 lbs  
Outer material: Aluminium

**DP 217 ATEX**


PRODUCT NAME	DP 217 ATEX
SQUARE DRIVE	3/4"
BOLT RANGE	M14-M24
MAX TORQUE	1700 Nm - 1260 ft-lb
WORKING TORQUE	350-910 Nm 240-680 ft-lb
FREE SPEED	5400 rpm
WORKING PRESSURE	6,3 bar - 91 psi
AIR INLET	1/2" BSP
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	9,4 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	104 dB(A)

**AVAILABLE MODELS**

- I M2 IIB T6
- II 2 GD IIB T6

Weight: 7,5 kg - 1.5 lbs  
Outer material: Zama

- II 2 GD IIB T6
- II 3 G IIB T6

Weight: 6,1 kg - 13.4 lbs  
Outer material: Aluminium

**RED DEVIL SL ATEX**


PRODUCT NAME	RED DEVIL SL ATEX
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M24
MAX TORQUE	800 Nm - 590 ft-lb
WORKING TORQUE	80-600 Nm 60-450 ft-lb
FREE SPEED	12000 rpm
WORKING PRESSURE	6,5 bar - 94 psi
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	13 mm - 0.512 in
VIBRATION LEVEL - TRIAXIAL	9,1 m/s <sup>2</sup>
SOUND PRESSURE LEVEL	97 dB(A)

**AVAILABLE MODEL**

- II 2 GD IIB T6
- II 3 G IIB T6

Weight: 2,40 kg - 5.30 lbs  
Outer material: Aluminium

NUTRUNNERS



The Paoli Nutrunner combines enhanced speed of the (non-impact) volumetric air motor with an effective epicyclical reduction system achieving extremely high screwing values with 5% torque precision. An additional and fundamental feature derived from the torque arm design is the absence of a blowback mechanism, which drastically reduces noise and vibration.

AIR TREATMENT FOR NUTRUNNERS



This system was designed for: performing a precise regulation of the tightening torque of the tool, by setting the proper air pressure supply. It's fitted with a pressure filter and an air pressure regulator unit complete with lubricator.

PRODUCT NAME	DP05-34	DP10-34	DP20-10	DP30-10	DP36-10
SQUARE DRIVE	3/4"	3/4"	1"	1"	1"
BOLT RANGE	M20	M24	M33	M36	M39
TORQUE RANGE	125-500 Nm 90-370 ft-lb	250-1000 Nm 190-740 ft-lb	380-2000 Nm 300-1480 ft-lb	580-3000 Nm 450-2220 ft-lb	760-3600 Nm 600-2660 ft-lb
MAX PRESSURE	6 bar - 87 psi	6 bar - 87 psi	6 bar - 87 psi	6 bar - 87 psi	6 bar - 87 psi
SPEED	55 rpm	27,5 rpm	7,2 rpm	4,2 rpm	3,6 rpm
WEIGHT	4,7 kg - 10.4 lbs	4,9 kg - 10.8 lbs	6,0 kg - 13.2 lbs	6,6 kg - 14.5 lbs	6,6 kg - 14.5 lbs
AIR INLET	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
INNER HOSE DIAMETER	8 mm - 0.315 in	8 mm - 0.315 in	8 mm - 0.315 in	8 mm - 0.315 in	8 mm - 0.315 in
LENGHT	281 mm 11.06 in	297 mm 11.69 in	321 mm 12.64 in	337 mm 13.27 in	337 mm 13.27 in

## DYNO



### FEATURES

- Low voltage electrical control of the impact wrench: maximum operator safety
- Selector for the inversion of phase: allows to use the control unit to any electrical outlet
- Thermal relay: protects the electric motor
- Torque control: adjustable tightening torque from 300 to 2800 Nm, maximum power on loosening 3000 Nm
- New impact wrench supply with just 2 flexible hoses
- Lateral handles suitable for transportation or manual lifting
- Impact wrench supplied

### Also available with shut-off system:

- automatic shut-off after 5 seconds
- adjustable

<b>PRODUCT NAME</b>	DYNO
<b>PRODUCT CODE</b>	D.04.01.0004
<b>WEIGHT</b>	60 kg - 132 lbs
<b>POWER</b>	2.2 kW
<b>TENSION</b>	220/400 v trifase 50/60 Hz

### AVAILABLE KITS\*

- DYNO 1 DPH EVO 340
- DYNO 2 DPH EVO 340 AL
- DYNO 3 DPH EVO 341
- DYNO 4 DPH EVO 341 AL

\* Every kit includes: power unit, impact wrench and standard hose (1,5 m)



<b>SQUARE DRIVE</b>	DPH EVO 340	3/4"
	DPH EVO 340 AL	3/4"
	DPH EVO 341	1"
	DPH EVO 341 AL	1"
<b>BOLT RANGE</b>	DPH EVO 340	M14-M24
	DPH EVO 340 AL	M14-M24
	DPH EVO 341	M18-M33
	DPH EVO 341 AL	M18-M33
<b>ULTIMATE TORQUE</b>	3000 Nm - 2220 ft-lb	
<b>FREE SPEED</b>	2800 rpm	
<b>LENGTH (WITHOUT ANVIL)</b>	253 mm - 9.96 in	
<b>SIDE TO CENTER</b>	47 mm - 1.85 in	
<b>WEIGHT</b>	DPH EVO 340	6,83 kg - 15.06 lbs
	DPH EVO 340 AL	7,49 Kg - 16.51 lbs
	DPH EVO 341	6,90 kg - 15.21 lbs
	DPH EVO 341 AL	7,57 kg - 16.69 lbs

## IMPACT SOCKETS

**AVAILABLE SQUARE DRIVES:**

2" - 2 1/2" - 1 1/2" - 1" - 3/4" - 1/2" - 3/8"

Insert adapters, universal joints and extensions are available on demand.

**SPECIAL IMPACT SOCKETS ON DEMAND**

For square drives different from the above listed or special drawings, PAOLI can execute parts on request.

Do not hesitate to contact us for further information.







Download the  
complete catalogue



Dino Paoli S.r.l.  
Via G. Dorso, 5 - 42124 Reggio Emilia - Italy  
Tel. +39 0522 364511 - Fax + 39 0522 304864  
[www.paoli.net](http://www.paoli.net) - [sales@paoli.net](mailto:sales@paoli.net)

