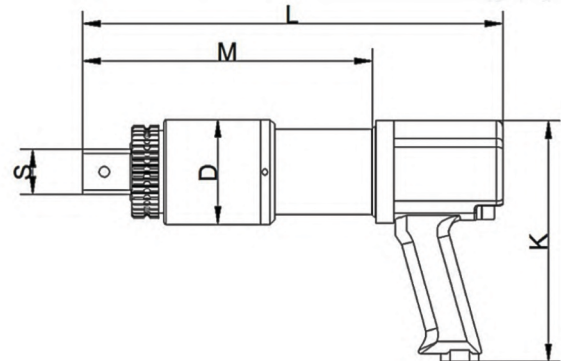


Prime introduce Pneumatic Torque wrenches in single and two speed in Straight and Angle design, suitable for variety of application of nut bolt tightening.

TECHNICAL FEATURES :

- ▶ Powered by the reliable Ingersoll Rand Air Motor
- ▶ Heavy duty Gear box for Longer operational life
- ▶ Torque output is consistency repeatable
- ▶ Air Supply: 6bar compressed air, max consumption is 600L/min.
- ▶ Powerful and low noise, less than 80dBA
- ▶ With manual 2-speed gearbox, high/low speed can be shifted freely.
- ▶ Supply scope Air register hose, quick coupling (air inlet connector of air register is excluded)
- ▶ Light and Compact Design, Suitable for a variety of applications
- ▶ Low Noise level with No vibration
- ▶ Variety of custom reaction arms available as per customer requirement.
- ▶ Preset torque, output and repeat accuracy $\pm 5\%$ and $\pm 3\%$
- ▶ Free connection of power handle and gear box could be rotated 360°
- ▶ Reverse pressure-bias motor provide the higher torque when removing or loosening bolts.

Single Speed Pneumatic Torque Wrench



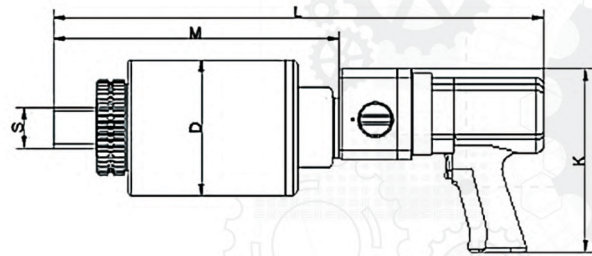
PPTW SERIES

TECHNICAL SPECIFICATION

Model No.	Torque Nm.	Square drive	Diameter D (mm)	Length L (mm)	M (mm)	K (mm)	Free Speed (RPM)	Weight (Kg)
PPTW-09SS	290-950	3/4"	74	302	172	195	20.5	5.4
PPTW-16SS	480-1640	1"	78	344	214	195	11.5	6.9
PPTW-20SS	490-2050	1"	78	344	214	195	9.0	6.9
PPTW-30SS	810-3100	1"	88	384	254	195	5.5	9.7
PPTW-40SS	1190-4300	1 1/2"	88	384	254	195	3.8	9.7
PPTW-60SS	1100-6200	1 1/2"	113	413	283	195	2.7	15.1
PPTW-80SS	1600-8000	1 1/2"	120	422	292	195	1.9	16.8
PPTW-100SS	3700-10600	1 1/2"	128	466	336	195	1.4	21.6
PPTW-120SS	3900-13500	1 1/2"	128	466	336	195	1.1	21.6



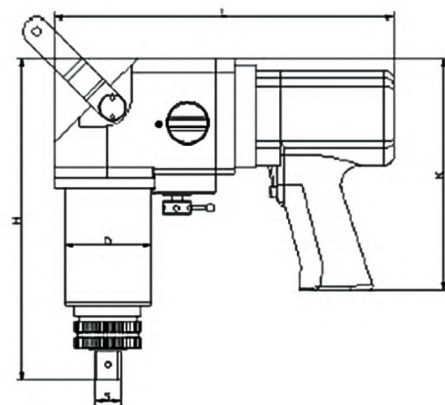
TWO SPEED PNEUMATIC TORQUE WRENCH



TECHNICAL SPECIFICATION

Model No.	Torque Nm.	Square drive	Diameter D (mm)	Length L (mm)	K (mm)	M (mm)	1 Speed (RPM)	2 Speed (RPM)	Weight (Kg)
PPTW-09DS	142-939	3/4"	75	324	172	131	10	28	4.9
PPTW-16DS	200-1550	1"	77	358	172	165	7.4	20	5.9
PPTW-20DS	240-2000	1"	77	358	72	165	4.3	12	5.9
PPTW-30DS	500-3100	1"	81	393	172	200	2	6	7.5
PPTW-40DS	600-4300	1 1/2"	88	411	172	218	1.5	4.1	8.9
PPTW-60DS	740-6200	1 1/2"	113	439	172	246	1.1	2.8	14.2
PPTW-80DS	940-8300	1 1/2"	120	451	172	258	0.7	1.2	16
PPTW-100DS	1600-10100	1 1/2"	128	463	172	270	0.6	1.4	18.8
PPTW-120DS	1600-12200	1 1/2"	128	463	172	270	0.56	1.4	18.8

TWO SPEED PNEUMATIC TORQUE WRENCH ANGLE TYPE



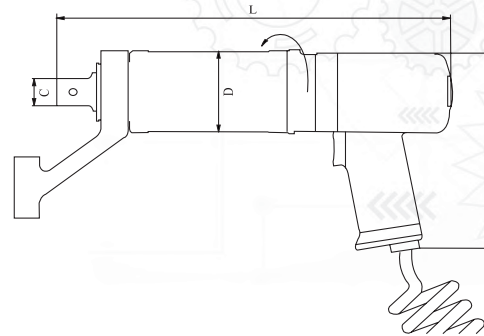
TECHNICAL SPECIFICATION

Model No.	Torque Nm.	Square drive	Diameter D (mm)	Length L (mm)	Height (mm)	1 Speed (RPM)	2 Speed (RPM)	Weight (Kg)
PPTW-09A	139-910	3/4"	65	254	227	227	28	6.1
PPTW-16A	210-1500	1"	77	254	261	261	20	7.1
PPTW-20A	240-2000	1"	77	254	261	261	12	7.1
PPTW-30A	284-3000	1"	81	254	296	296	6	8.7
PPTW-40A	560-4190	1 1/2"	88	254	314	314	4.0	10.1
PPTW-60A	630-6093	1 1/2"	113	254	342	342	2.8	15.4
PPTW-80A	1100-8100	1 1/2"	120	254	354	354	1.2	17.2
PPTW-100A	1600-10800	1 1/2"	128	254	366	366	1.4	20
PPTW-120A	1600-12000	1 1/2"	128	254	366	366	1.4	20

SINGLE SPEED PNEUMATIC TORQUE WRENCH

TECHNICAL FEATURES :

- ▶ Air pressure requirement: not less than 6 Bar;
- ▶ Air flow requirement: not less than 600L/min;
- ▶ Preset torque, output and repeat accuracy: $\pm 5\%$ and $\pm 3\%$;
- ▶ Powerful and low noise, less than 80DbA;
- ▶ Free connection of power handle and gear box, could be rotated 360°
- ▶ Portable and durable design, low noise with overload protection;
- ▶ Good choice for continuous working in production assembly and maintenance.



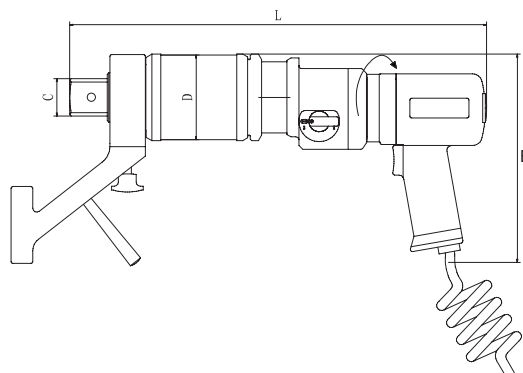
TECHNICAL SPECIFICATION

Model	Torque Capacity	Square drive	Length (mm)	Height (mm)	Dia. (mm)	No Load Speed	Weight (Kg)
PPTW-06S	70-650 Nm	3/4"	300	186	76	23 RPM	4.9
PPTW-10S	120-1060 Nm	1"	300	186	76	13 RPM	5.0
PPTW-15S	170-1500 Nm	1"	300	186	76	10 RPM	5.0

PNEUMATIC TORQUE WRENCH-STRAIGHT TYPE

TECHNICAL FEATURES :

- ▶ 6 Bar compressed air, consumption under max. power : 600L/min;
- ▶ Powerful and low noiseless than 80DbA under max. power;
- ▶ Set and control torque by adjusting the pressure on air register;
- ▶ Accuracy: $\pm 5\%$, repeatability: $\pm 1\%$;
- ▶ Optional digital air register, torque precision: $\pm 3\%$, repeatability: $\pm 1\%$;
- ▶ Compact planet design, small size, higher torque/weight ratio;
- ▶ 4-way type of power control system, large-span torque;
- ▶ 7-vane type high performance air motor, high efficiency, no impact torque can be continually output;
- ▶ Design of reverse pressure-bias motor provide the max. power and torque in reversing mode, satisfying the request of higher torque when losing bolts;
- ▶ Positive/reverse button by single hand, switch valve of TOUCH type;
- ▶ Excellent performance of continuous running can meet high workload.



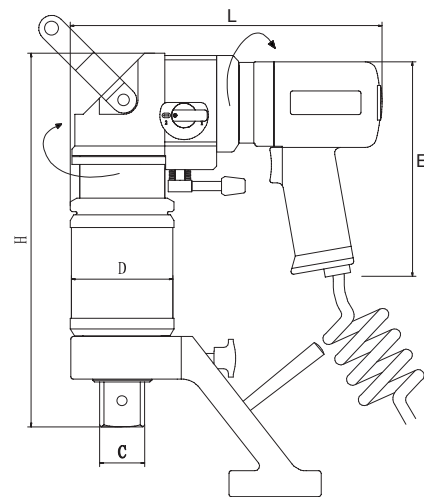
TECHNICAL SPECIFICATION

Model	Torque Capacity	Square drive	Length (mm)	Height (mm)	Dia. (mm)	No Load Speed	Weight (Kg)
PPTW-14V	200-1400 Nm	1"	370	186	88	22 RPM	6.7
PPTW-29V	410-2900 Nm	1"	390	186	88	9 RPM	7.3
PPTW-40V	560-4000 Nm	1.1/2"	410	186	96	7 RPM	9.2
PPTW-62V	670-6200 Nm	1.1/2"	445	186	114	5 RPM	11.4
PPTW-120V	1880-12000 Nm	1.1/2"	484	186	129	2 RPM	17.4

PNEUMATIC TORQUE WRENCH-ANGLE TYPE

TECHNICAL FEATURES :

- ▶ 6 Bar compressed air, air consumption under max. power : 600L/min;
- ▶ Angled type is more suitable for limited working space;
- ▶ Low noise motor , the noise is much lower;
- ▶ Torque precision: $\pm 5\%$, repeatability: $\pm 1\%$;
- ▶ Optional digital air register, torque precision: $\pm 3\%$, repeatability: $\pm 1\%$;
- ▶ Shift high/low speed mechanically , greatly promote working efficiency;
- ▶ Reaction arm of high strength ,anti-easily-broken, adjustable by 360-degree;
- ▶ Equipped with brake & cutoff system to protect the operator;
- ▶ New ergonomics-design handle, which is freely connected with drive Units and can be rotated, improves operation convenience and comfort.



TECHNICAL SPECIFICATION

Model	Torque Capacity	Square drive	Length (mm)	Height H 1 (mm)	Height H 2 (mm)	Dia. (mm)	No Load Speed	Weight (Kg)
PPTW-14A	200-1400 Nm	1"	259	186	253	88	22 RPM	7.9
PPTW-29A	410-2900 Nm	1"	259	186	274	88	9 RPM	8.7
PPTW-40A	560-4000 Nm	1.1/2"	259	186	294	96	7 RPM	10.4
PPTW-62A	670-6200 Nm	1.1/2"	259	186	329	114	5 RPM	12.3
PPTW-120A	1880-12000 Nm	1.1/2"	259	186	378	129	2 RPM	18.6

*Above weight does not include reaction arm. Non-load speed is the speed at gear 2 without load