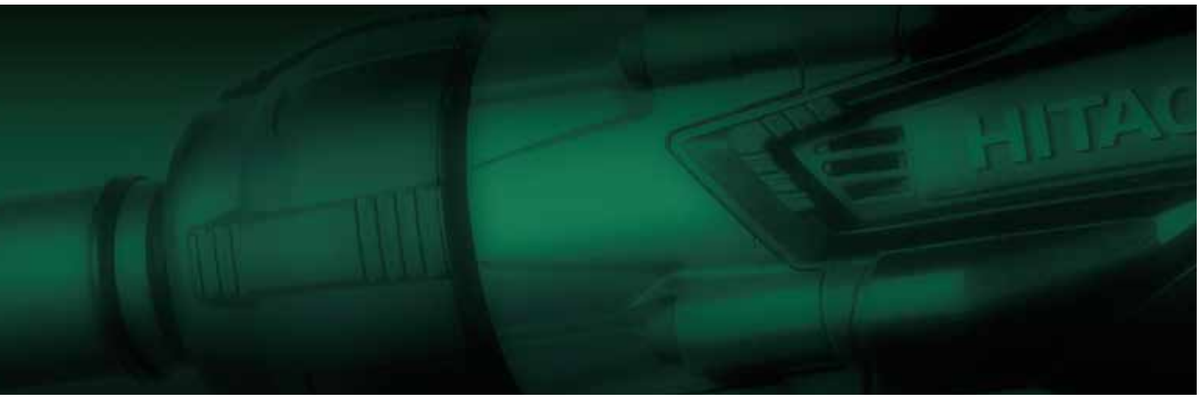
Hitachi Impact Wrenches with Brushless Motors

SPECIFICATIONS

Model		WR 14VE	WR 16SE
Capacity	Ordinary Bolt	10 - 18mm (3/8 - 23/32")	12 - 22mm (15/32 - 7/8")
	High Tension Bolt	8 - 14mm (5/16 - 9/16")	12 - 16mm (15/32 - 5/8")
Tightening Torque		250Nm (2,210in.-lbs.)	360Nm (3,180 in.-lbs.)
Square Drive		1/2" (12.7mm)	
No Load Speed	Maximum	0 - 2,100 /min.	1,600 /min.
	High	0 - 1,800 /min.	1,400 /min.
	Medium	0 - 1,600 /min.	1,300 /min.
	Low	0 - 1,400 /min.	1,100 /min.
Impact Rate	Maximum	0 - 2,700 /min.	1,900 /min.
	High	0 - 2,300 /min.	1,700 /min.
	Medium	0 - 1,900 /min.	1,500 /min.
	Low	0 - 1,500 /min.	1,300 /min.
Power Input *1		370W	370W
Overall Length		210mm (8-1/4")	228mm (9")
Weight *2		2.0kg (4.4lbs.)	2.5kg (5.5 lbs.)
Vibration Total Values *3 (triax vector sum)		Vibration emission value a_h = 13.2 m/s^2 Uncertainty K = 1.5m/s^2	Vibration emission value a_h = 17.0 m/s^2 Uncertainty K = 1.5m/s^2
Standard Accessories		Case, Hook	

*1 : 370W of brushless motor is equivalent to 440W of brushed motor
*2 : According to EPTA-Procedure 01/2003.
*3 : The tri-axial vibration values were measured according to EN60745.



Distributed by:

Hitachi Koki Co., Ltd.

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Hitachi Impact Wrenches with Brushless Motors
14mm (9/16") WR 14VE
16mm (5/8") WR 16SE
NEW

HITACHI
Inspire the Next

Smallest and lightest in its class!*

BRUSH LESS MOTOR

Substantially down-sized and weight-reduced due to
its AC brushless motor technology

*Sockets sold separately.

*As of June 2014. Among 14mm/16mm-class impact wrenches made by leading power tool manufacturers. (surveyed by Hitachi Koki)

SMALLEST and LIGHTEST in its class!*

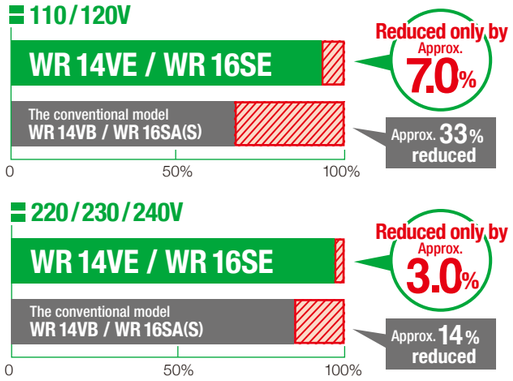
*As of June 2014. Among 14mm/16mm-class impact wrenches made by leading power tool manufacturers (surveyed by Hitachi Koki.)

Compact body with improved handling!

Substantially down-sized and weight-reduced due to its brushless motor technology.

Better performance at voltage drops!

Continually monitors power and load, providing stable torque even with extension cord use.



Test Condition : Extension cord, length 100m (50m cord x 2) which having 2.0mm² nominal cross-sectional area of conductor. (Test condition is just for explanation about difference of the tools. Please use the appropriate extension cord.)

Maintenance-free!

No carbon brush to replace!
Longer service life and maintenance-free!

With soft start and braking!

Suppresses kickback when starting and stopping.

Adjustable impact rate (tightening torque) according to application

With Hitachi's tightening mode switch function, the impact tool can be used for a wide variety of tasks.

● **Examples of tightening mode selector function settings**

Tightening torque differs according to the bolt and material size, grade, etc. Confirm the tightening torque by few trials before use in order to ascertain the correct setting and tightening torque to be used.

Mode Indicator Lamp		Low 1	Low 2	Medium	High
WR 14VE	Tightening Torque	150Nm (1,330in.-lbs.)	170Nm (1,500in.-lbs.)	200Nm (1,770in.-lbs.)	250Nm (2,210in.-lbs.)
	No Load Speed	1,400min⁻¹	1,600min⁻¹	1,800min⁻¹	2,100min⁻¹
	Full Load Impact Rate	1,500min⁻¹	1,900min⁻¹	2,300min⁻¹	2,700min⁻¹
WR 16SE	Tightening Torque	200Nm (1,770in.-lbs.)	250Nm (2,210in.-lbs.)	300Nm (2,650in.-lbs.)	360Nm (3,180in.-lbs.)
	No Load Speed	1,100min⁻¹	1,300min⁻¹	1,400min⁻¹	1,600min⁻¹
	Full Load Impact Rate	1,300min⁻¹	1,500min⁻¹	1,700min⁻¹	1,900min⁻¹
Applications		Light tasks: Piping support tools and scaffold installation. Wooden rack, fence, and furniture assembly, etc.		Heavy tasks: Steel frame assembly, etc.	

Can be used with an engine generator!

Superior features with its AC brushless motor