

URW Series RATCHET WRENCHES

URYU wide range of ratchet wrenches offer versatile services for driving and removing bolts or nuts in close quarter applications.

Reverse rotation is obtained by simply turning the tools over. Fast rundown of fasteners and easy operation of the tools increase production on operations in hard to reach places.



MODEL
URW-10N
150 rpm

MODEL
URW-60R
Right-hand Rotation
20° Angle Type
200 rpm

MODEL
URW-80
Left-hand Rotation
20° Angle Type
220 rpm

IMPORTANT!!

Air Pressure

0.4MPa (57psi) Air Pressure is recommended for good performance. Too high air pressure will shorten tool's life.

Lubrication

For Air Motor— Supply turbine oil properly through Air InLet or Line Oilier every before and after operation. (for example, MOBILE TURBINE OIL #32, SHELL TURBINE OIL #32, and or equivalents.)

For Gears and Bearings— Supply recommended high quality grease properly (for example, SHELL ALVANIA NO.2, MOBILPLEX 2, or equivalents) once every three months and when the tool is overhauled.

Over-greasing will cause dull motion or heating.

Dry and Clean Air

Drain daily, and install Filter at or near the take-off point to prevent trouble from foreign matter.

Air Hose and Joints

Use air hose (the shorter, the better), joints and other fittings of good condition and of proper size to avoid pressure drop.

Ratchet

Do not use over-sized and worn ratchets.

Dead Point

When the tool does not start, give a slight shock to release dead-point.

Genuine Parts

Use only URYU's genuine spare parts for replacement.

Regular Overhaul

At least once every three months regular or periodical overhaul by a competent person is needed for best performance and trouble-less operation.

Model	* Hex. Size of available Ratchet Wheels ○ Standard	
	mm	in
URW-6	7, 8, 10, 12	3/8
URW-8N	9, 10, 12, 14	7/16, 1/2, 9/16
URW-8	9, 10, 12, 14	7/16, 1/2, 9/16
URW-9N	9, 10, 12, 14	7/16, 1/2, 9/16
URW-10N	12, 14, 17	9/16, 5/8, 11/16
URW-12N	19, 21	3/4, 13/16
URW-12NA	22, 24, 27	3/4, 7/8, 15/16, 1
URW-12NB	29, 30, 32	3/4, 7/8, 15/16, 1
URW-60R	7, 8, 10, 12	3/8
URW-60	7, 8, 10, 12	3/8
URW-80R	9, 10, 12, 14	7/16, 1/2, 9/16
URW-80	9, 10, 12, 14	7/16, 1/2, 9/16
URW-81R	9, 10, 12, 14	7/16, 1/2, 9/16
URW-81	9, 10, 12, 14	7/16, 1/2, 9/16

Other size of Ratchet Wheels are available.



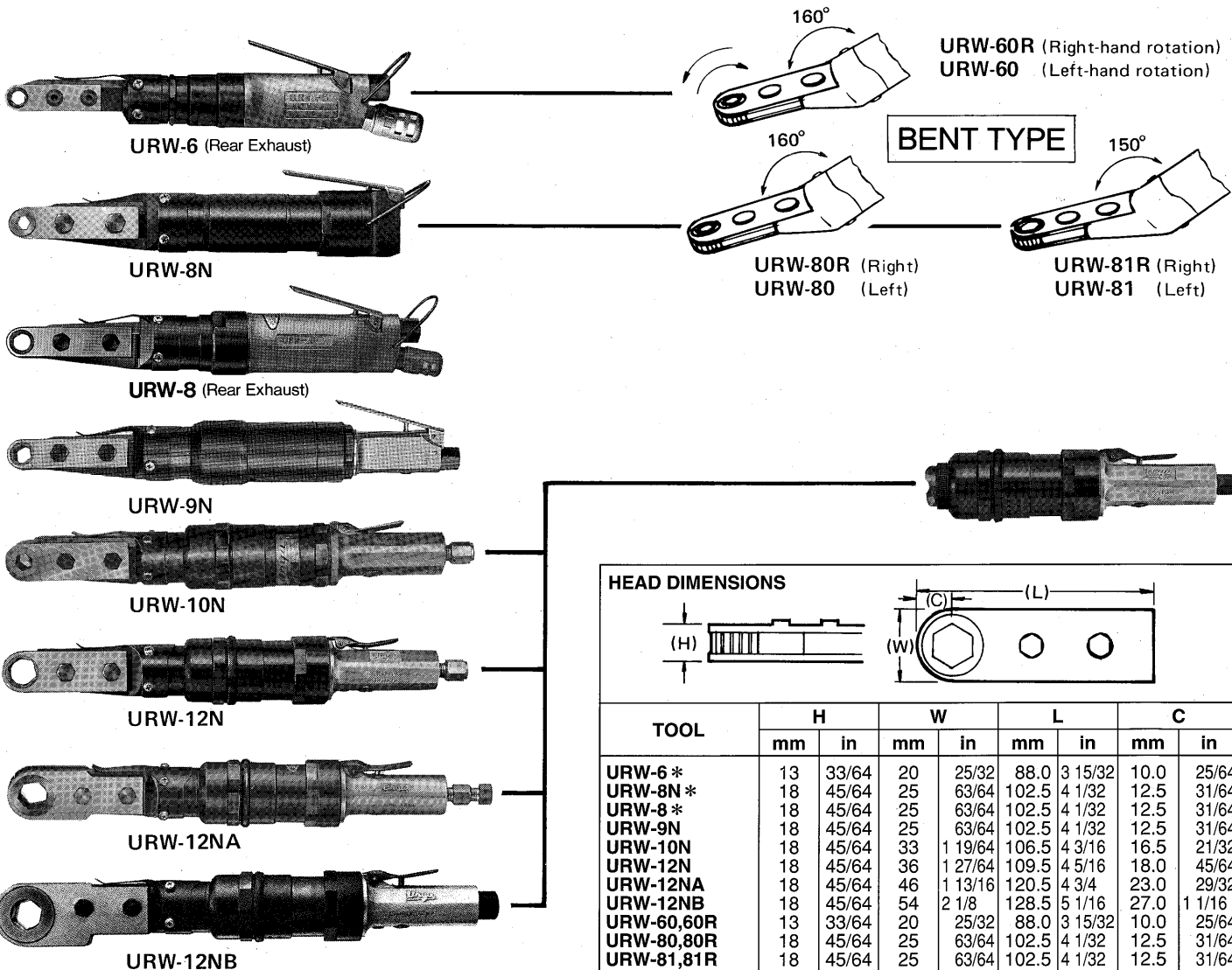
URYU SEISAKU, LTD.

Osaka, Japan

2013.04

OKA-192-13-02-25-1019

URYU AIR RATCHET WRENCHES



TOOL	H		W		L		C	
	mm	in	mm	in	mm	in	mm	in
URW-6 *	13	33/64	20	25/32	88.0	3 15/32	10.0	25/64
URW-8N *	18	45/64	25	63/64	102.5	4 1/32	12.5	31/64
URW-8 *	18	45/64	25	63/64	102.5	4 1/32	12.5	31/64
URW-9N	18	45/64	25	63/64	102.5	4 1/32	12.5	31/64
URW-10N	18	45/64	33	1 19/64	106.5	4 3/16	16.5	21/32
URW-12N	18	45/64	36	1 27/64	109.5	4 5/16	18.0	45/64
URW-12NA	18	45/64	46	1 13/16	120.5	4 3/4	23.0	29/32
URW-12NB	18	45/64	54	2 1/8	128.5	5 1/16	27.0	1 1/16
URW-60,60R	13	33/64	20	25/32	88.0	3 15/32	10.0	25/64
URW-80,80R	18	45/64	25	63/64	102.5	4 1/32	12.5	31/64
URW-81,81R	18	45/64	25	63/64	102.5	4 1/32	12.5	31/64

* Thinner head type and extended head type of other sizes than the above list are available (option).

SPECIFICATIONS

※The uncertainty in the sound levels is 3dB(A).

Model	Capacity (Nominal Bolt Size)		Max. Torque (0.4MPa)		Free Speed (about)	Overall Length (about)		Weight (about)		Average Air Consumption (about)		Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{ms})	Vibration Uncertainty (K)
	mm	in	Nm	ft-lbs		mm	in	kg	lb	m ³ /min.	ft ³ /min.				
URW-6	M 6	15/64	11	8.1	200	292	11 1/2	1.15	2.54	0.28	9.9	81	92	3.2	0.7
URW-8N	M 8	5/16	16	11.8	220	300	11 13/16	1.80	3.96	0.55	19.5	90	101	3.2	0.7
URW-8	M 8	5/16	16	11.8	240	360	14 3/16	1.80	3.96	0.56	19.5	86	97	3.3	0.8
URW-9N	M10	3/8	31	22.9	200	380	15	2.30	5.06	0.67	23.7	90	101	3.3	0.7
URW-10N	M10	3/8	57	42.2	150	394	15 33/64	2.65	5.83	0.70	25.0	90	101	3.3	0.8
URW-12N	M13	1/2	59	43.7	150	397	15 5/8	2.70	5.94	0.70	25.0	91	102	3.6	0.8
URW-12NA	M14	9/16	78	57.7	100	408	16 1/16	3.00	6.60	0.70	25.0	91	102	3.6	0.8
URW-12NB	M16	5/8	93	68.8	85	416	16 19/64	3.20	7.04	0.70	25.0	91	102	4.1	0.8
URW-60R	M 6	15/64	11	8.1	200	288	11 11/32	1.15	2.54	0.28	9.9	85	96	3.4	0.8
URW-60	M 6	15/64	11	8.1	200	288	11 11/32	1.15	2.54	0.28	9.9	85	96	3.4	0.8
URW-80R	M 8	5/16	16	11.8	220	300	11 13/16	1.80	3.96	0.55	19.5	93	104	4.0	0.8
URW-80	M 8	5/16	16	11.8	220	300	11 13/16	1.80	3.96	0.55	19.5	93	104	4.0	0.8
URW-81R	M 8	5/16	16	11.8	220	300	11 13/16	1.80	3.96	0.55	19.5	93	104	4.0	0.8
URW-81	M 8	5/16	16	11.8	220	300	11 13/16	1.80	3.96	0.55	19.5	93	104	4.0	0.8

* When ordering, specify Hex. size of Ratchet required. Otherwise the standard Ratchet is equipped. (Standard size is circled.)

Standard Accessories : Air Hose Nipple and Tools for disassembly if needed.

Recommended Air Pressure : 0.4MPa (57 psi), Air Inlet Thread (Pipe Tap) : N.P.T. 1/4, Air Hose Size: 9.5mm (3/8")

Distributed by:

Printed in Japan

URYU SEISAKU, LTD.

Claims must be filed only with distributors within ten (10) days from delivery.