



Wearing ! – It might be dangerous to operate tool, if the instructions Supplied are not followed.



Before using, installing, repairing or changing accessories, read and Understand these instructions.

Intended Use

The tool is designed to tighten or loosen threaded fasteners by means of rotary impacts, with specially hardened detachable sockets.

Operator's Instruction Manuals for URYU Pneumatic Impact Wrenches -----

1. AIR PRESSURE:

The tool is designed to be operated under the working pressure 5 – 6 bar = (0.5Mpa – 0.6Mpa). Too high air pressure shorten tool's life.

2. AIR HOSES & FITTINGS:

Correct hoses (the shorter, the better) and fittings of good conditions should be used for safety operation and correct performance. See enclosed TECHNICAL DATA for Air Hose Size and Air Inlet Thread.

3. DRY & CLEAN AIR:

Air Filter and Lubricator (fog type) should be used and preferably sited in a position within 3 meters from the tool. Dust, corrosive fumes and/or excessive moisture can ruin the motor of an air tool.

4. SOCKET:

Connect female square drive socket. See enclosed TECHNICAL DATA for square drive shank size.

5. REVERSE OPERATON:

Set the reverse lever to "R" for clockwise or to "L" for counter- clockwise rotation.

6. AIR SUPPLY:

Connect the tool to the air line.

NOTE : Before starting the tool, read the separate Operator's Safety Manual for Impact Wrenches.

7. POWER ADJUSTMENT:

Built-in Regulator Dial, available for all models except small type Impact Wrenches, has 4 different power setting. adjustment by built-in regulator while rotating.

8. THROTTLE TRIGGER:

Grip the handle firmly and pull the throttle trigger slowly to start fastening operation.

9. EXHAUST AIR:

Adjust the direction of exhaust air with the silencer (Rear Exhaust type) to the best position for eye and ear protection. Silencer can be turned 360°.

10. MAINTENANCE:

- **LUBRICATION :** Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.
- **For Air Motor :** Supply light Turbine Oil properly through Air Inlet or line lubricator before and after every operation. (For example, Mobil Turbine Oil #32, Shell Turbine Oil #32 and/or equivalents)
- **For Bearings :** Supply high quality Grease properly (for example, Shell Alvania No. 2, Mobilplex 2, and/or
- **DISPOSAL OF TOOL :** The tool is made of steel, aluminum alloy, casting iron, plastic and rubber. When disposing the tool, make sure not to cause pollution to human being and environment.

- It is recommended to inspect the tool especially hammering section and air motor section regularly and periodical overhaul at least once every three months is recommended. If the tool is in heavy duty operation or running improperly, it is also recommended to inspect it more frequently. Replace damaged or worn out parts. This inspection and overhaul requires authorized trained personnel.
- Use only Uryu's genuine spare parts for replacement.
- Ensure that the data plate and labels on the tool are kept in a legible condition. Replace any damaged data plate and label.
- Maintenance and repair records should be kept on all tools.
- For further information, contact at any time your nearest URYU distributor or direct to URYU in Japan.

Operator's Safety Manuals for URYU Pneumatic Impact Wrenches-----

1. The air pressure at the tool air inlet of shall not exceed the maximum operating pressure 6.3 bar (90 psi).
2. Air hoses and line shall be relieved of compressed air before being disconnected or disjointed, unless there is an automatic closing valve at the joint being separated.
3. An accessible means for shutting off air supply should be provided at each tool station. be plugged.
4. Air hoses shall be blown out before connection to the tool, and when not in use the air inlet shall be plugged.
5. Hose coupling shall be securely fitted to the tool and take off point. If an air hose and fittings are not correctly used or improperly installed, the air hose may come off and whip. Air hose and fittings must be inspected regularly for damage and wear. Replace them when necessary.
6. Socket shall be of Impact socket type. Never use hand tool sockets on Impact Wrench. Hand tool socket can break, resulting in a hazard from flying pieces. Inspect sockets, retainer and drive regularly for wear or damage, and replace as necessary. Worn sockets reduce power, cause drive wear, and increase the chance for breakage and should not be used.
7. Socket retainers – either pin or integral – should be properly engaged to prevent falling sockets off. Unretained socket can spin off and cause injury. Always use socket retainer components recommended by the socket manufacturer. Never substitute wire or nail for retaining pins because they are dangerous if thrown from the tool at free speed, or if the protruding nail or wire is accidentally grasped by the operator.
8. Before the tool is connected to the air supply, check the throttle for proper operation (i.e. throttle moves freely and returns to closed position.) When air supply is interrupted, immediately return the throttle to stop position.
9. Operators shall be instructed in their proper use.
 - (A) Handle with care, paying careful attention to the weight of tool. Don't lift or carry any more than you can handle easily. Use safe lifting techniques.
 - (B) Keep hands and clothing away from the rotating socket.
 - (C) Never wear loose-fitting clothes and be careful that long hair is not drawn in the tool during the operation.
 - (D) Practice the safety requirements applicable to the machine and tools being used and the nature of the work performed.
 - (E) Hold the tool correctly. Anticipate and be alert for sudden changes in motion during start up and operation of any power tool. Keep body stance balanced and firm. Do not overreach when operating the tool.
 - (F) The tool shall be disconnected from the air supply before servicing or changing sockets. This will prevent the tool from operating if the throttle is accidentally engaged.
 - (G) Never use the air hose for supporting, lifting or lowering the tool. Use a safety line or cable on the tool when working in elevated areas.
 - (H) Ear protectors must be used when the noise level at operator's position exceeds 85 dB(A).
 - (I) Air powered tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.
 - (J) URYU is not responsible for all the troubles and accidents, caused by customer's own modification of tools and accessories without having consulted with URYU.
10. If the tool is fixed to a balancer or a similar device, make sure that the fixation is secure.
11. Impact Wrenches shall not be used in explosive atmospheres, and shall not be insulated against electric shock.

12. Note the position of Reversing Lever before operating the tool so as to be aware of the direction of rotation when operating the throttle.
13. For further information, contact at any time your nearest URYU distributor or direct to URYU in Japan.



ADVARSEL! Det kan være farligt at bruge værktøjet, hvis medfølgende instruktioner ikke følges.

Inden brug, installation, reparation eller udskiftning af tilbehør skal disse instruktioner læses igennem og forstås.

Brugeren skal beskytte sine øjne og øre. Ligeledes skal handsker benyttes under brug af maskinen.

Anvendelsesområde:

Maskinen, der er med indbygget hammerværk, er beregnet til at spænde bolte med udskiftelige toppe/kraftværktøj

Brugervejledning for URYU trykluftmøtrikspændere.

1. Lufttryk:

Maskinen er konstrueret til et arbejdstryk på 5-6 bar (72-87 psi). For højt tryk forkorter maskinens levetid.

2. Slangestørrelse & tilslutning:

Korrekte slanger (jo kortere, jo bedre) og fittings anbefales for korrekt brug og udnyttelse af maskinen. Se "TEKNISKE DATA" for slange- og gevindstørrelser.

3. Tør & ren luft:

Vandudskillere og tågesmører skal anvendes, og bør ikke placeres mere end 3m fra maskinen. Støv, aggressive dampe og/eller fugt kan ødelægge motoren i værktøjet.

4. Toppe:

Tilslut toppen til akslen. Se "TEKNISKE DATA" for maskinens firkant størrelse.

5. Reversering:

Stil reverseringsknappen på "R" for højrotation (Right) eller "L" for venstrerotation (Left).

6. Lufttilførsel:

Tilslut maskinen til luftslangen.

OBS! Inden maskinen tages i brug skal sikkerhedsinstruktionerne læses grundigt igennem.

7. Styrkeindstilling:

OBS! Luftslangen skal frakobles før styrkeindstillingen foretages.

- Indbygget regulatorhjul med 4 styrkeindstillinger (findes på alle maskiner, små modeller undtaget).
- Klik hjulet mod "4" for maksimum styrke.
- Klik hjulet mod "1" for minimum styrke.
- Indstillingen af styrken må ikke foretages imens møtrikspænderen roterer/er i brug.

8. Startknap:

Med et fast greb om håndtaget startes maskinen med et langsomt tryk på startknappen.

9. Afgangsluft:

Retningen på afgangsluften justeres ved at dreje på lyddæmperen. Lyddæmperen kan drejes 360°.

10. Smøring:

Luftmotoren: Smør motoren ved at dryppe en dråbe olie i luftindgangen før og efter hver arbejdsgang, eller anvend en tågesmører hvilket er at anbefale. (Anvend f.eks. Mobil turbineolie #32, Shell turbineolie #32 og/eller olie af tilsvarende kvalitet.)

Kuglelejer: Smør kuglelejerne grundigt med fedt af en høj kvalitet. (Anvend f.eks. Shell Alvania nr. 2, Mobiplex 2 og/eller tilsvarende). Dette gøres hver tredje måned eller ved eftersyn af maskinen.

OBS! Til smøring må aldrig bruges brandfarlige eller flygtige væsker som f.eks. petroleum, diesel eller jetbrændstof.

11. Kassering af maskinen:

Maskinen er produceret af stål, støbejern, aluminium, plast, gummi og olieprodukter. Sørg for at maskinen ikke forårsager forurening i miljøet ved en eventuel kassering af maskinen.

12. Vedligeholdelse:

- Regelmæssig kontrol af specielt hammer- og luftmotorsektionen anbefales udover eftersyn hver tredje måned. Det bør dog efterses oftere hvis værktøjet bruges til større opgaver eller kører dårligt. Udskift ødelagte eller slidte dele. Eftersyn og reparationer må kun udføres af en autoriseret person.
- Ved reparationer skal originale URYU reservedele anvendes.
- Sørg altid for at datamarkeringen på maskinen holdes i en sådan stand at maskinmodel og nummer tydeligt fremgår heraf.
- Vedligeholdelse og reparationsdokument bør føres over samtlige maskiner.
- For yderligere information bedes De kontakte nærmeste URYU forhandler.

Sikkerhedsinstruktioner

1. Maskinens lufttryk må aldrig overstige det maksimale arbejdstryk, hvilket er 6.3 bar (90psi).
2. Luftslangen skal altid tømmes for luft inden maskinen kobles fra. Slangen skal fjernes fra maskinen inden værktøjet skiftes.
3. Det skal være muligt at lukke for lufttilførslen til maskinen ved hvert arbejdssted.
4. Luftslangen skal blæses igennem inden den tilsluttes maskinen og der skal sidde en prop på maskinens luftindgang når maskinen ikke bruges.
5. Slangekoblinger skal sidde ordentlig fast i maskinen og være ordentligt fastmonteret på slangen. Hvis en slangekobling anvendes forkert eller er monteret forkert, kan slangen løsne og forårsage skader ved "slangekast". Luftslange og koblinger skal efterses og skiftes regelmæssigt for at forhindre slidtage og skader.
6. Toppe skal være af "KRAFT"-typen. Anvend aldrig toppe, der er beregnet til håndværktøj, da de kan gå i stykker og resultere i alvorlige skader p.g.a. splinter fra toppen. Check toppe, låsepinde og aksler regelmæssigt for at opdage slidtage og skader i tide. Slidte toppe mindsker kraften og forårsager slidtage og skader.
7. Låseanordning for toppe, både låsepinde og o-ringe, skal sættes ordentligt fast for at hindre toppene i at løsne ved lave omdrejninger. Toppe som ikke sidder ordentligt fast kan løsne og forårsage alvorlige skader. Anvend altid den i låseanordning som leverandøren anbefaler. Anvend aldrig ståltråd, søm eller lignende som låseanordning til toppene.
8. Før værktøjet tilsluttes luft skal oplukkerhåndtaget kontrolleres d.v.s. at det fungerer korrekt.
9. Brugere af trykluftdrevne møtrikspændere skal før ibrugtagning instrueres i korrekt brug:
 - (A) Vær opmærksom på maskinens vægt. Løft eller bær aldrig mere end hvad der er overkommeligt. Brug eventuelt en løfteanordning.
 - (B) Hold hænder og tøj væk fra roterende dele af maskinen under brug.
 - (C) Hold løsthængende tøj og langt hår borte fra roterende dele af maskine under brug.
 - (D) Anvend personligt sikkerhedsudstyr.

- (E) Hold maskinen korrekt. Vær opmærksom på pludselige ryk og lignende ved start og under brug.
 - (F) Luftslangen skal frakobles maskinen før service og udskiftning af topps eller bits. Dette forhindrer maskinen i at starte, hvis man kommer til at aktivere startknappen.
 - (G) Løft eller transporter aldrig værktøjet i slangen, men anvend i stedet en kæde eller wire hvis maskinen anvendes i højder.
 - (H) Høreværn skal anvendes, hvis lydniveauet på arbejdspladsen overstiger 85 dB(a).
 - (I) Luftdrevne maskiner kan vibrere under brug. Da vibrationer, monotone og ergonomisk ukorrekte bevægelser under arbejdet kan være skadelige for kroppen, anbefales det at stoppe arbejdet ved ubehag.
 - (J) URYU er ikke ansvarlig for problemer eller ulykker, som er forårsaget som følge af ukorrekt brug eller ved egne modificeringer af værktøjet.
10. Bruges maskinen sammen med en balanceblok eller lignende skal det kontrolleres at maskinen er ordentligt fastgjort.
 11. Maskinen må ikke anvendes i områder med eksplosionsfare, og er ikke isoleret imod elektrisk strøm.
 12. Hvis lufttilførslen afbrydes skal startknappen tilbage til stop position.
 13. For yderligere informationer kontaktes Deres nærmeste URYU forhandler.

TECHNICAL DATA

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-6SLRK	6	1/4	8500	169	6 21/32	0.97	2.13	22	27/32	9.5	3/8	NPT. 1/4	91	5.6
UW-6SHBRK	8	5/16	7300	153	6 1/32	1.36	2.99	24	15/16	9.5	3/8	NPT. 1/4	92	5.6
UW-6SLK	6	1/4	8500	165	6 1/2	0.97	2.13	22	27/32	9.5	3/8	NPT. 1/4	92	5.6
UW-B6SL	6	1/4	8500	160	6 5/16	0.97	2.13	24	15/16	9.5	3/8	NPT. 1/4	92	5.6
UW-6SK	6	1/4	7500	160	6 5/16	1.22	2.68	22	27/32	9.5	3/8	NPT. 1/4	93	5.6
UW-6SHK	8	5/16	7500	171	6 47/64	1.41	3.10	24	15/16	9.5	3/8	NPT. 1/4	92	5.6
UW-6SLRDK	6	1/4	8500	169	6 21/32	0.97	2.13	22	27/32	6.35	1/4	NPT. 1/4	91	5.6
UW-6SHBRDK	8	5/16	7300	153	6 1/32	1.36	2.99	24	15/16	6.35	1/4	NPT. 1/4	91	5.6
UW-6SLDK	6	1/4	8500	165	6 1/2	0.97	2.13	22	27/32	6.35	1/4	NPT. 1/4	92	5.6
UW-B6SLDK	6	1/4	8500	170	6 45/64	1.00	2.20	24	15/16	6.35	1/4	NPT. 1/4	92	5.6
UW-6SDK	8	5/16	7500	160	6 5/16	1.22	2.68	22	27/32	6.35	1/4	NPT. 1/4	93	5.6
UW-6SADK	6	1/4	7500	160	6 5/16	1.10	2.47	22	27/32	6.35	1/4	NPT. 1/4	93	5.6
UW-6SHDK	8	5/16	7500	190	6 47/64	1.45	3.19	24	15/16	6.35	1/4	NPT. 1/4	92	5.6

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-6SSLRK	6	1/4	8500	212	8 11/32	0.87	1.91	21	53/64	9.5	3/8	NPT. 1/4	90	10.0
UW-6SSRK	6	1/4	7500	201	7 29/32	0.97	2.13	22	27/32	9.5	3/8	NPT. 1/4	90	10.0
UW-6SSHRK	8	5/16	7300	28	8 63/64	1.26	2.77	24	15/16	9.5	3/8	NPT. 1/4	91	17.8
UW-6SSLK	6	1/4	8500	190	7 31/64	0.87	1.91	22	27/32	9.5	3/8	NPT. 1/4	91	10.0
UW-6SSK	6	1/4	7500	184	7 1/4	0.97	2.13	22	27/32	9.5	3/8	NPT. 1/4	91	10.0
UW-6SSHK	8	5/16	7500	201	7 27/32	1.21	2.66	24	15/16	9.5	3/8	NPT. 1/4	92	17.8
UW-6SSLRDK	6	1/4	8500	227	8 15/16	0.90	1.98	22	27/32	6.35	1/4	NPT. 1/4	90	10.0
UW-6SSRDK	6	1/4	7500	213	8 3/8	1.00	2.20	22	27/32	6.35	1/4	NPT. 1/4	90	10.0
UW-6SSHRDK	8	5/16	7300	238	9 3/8	1.30	2.86	24	15/16	6.35	1/4	NPT. 1/4	91	17.8
UW-6SSLDK	6	1/4	8500	202	7 61/64	0.90	1.98	22	27/32	6.35	1/4	NPT. 1/4	91	10.0
UW-6SSDK	6	1/4	7500	194	7 41/64	1.00	2.20	22	27/32	6.35	1/4	NPT. 1/4	91	10.0
UW-6SSHDK	8	5/16	7500	211	8 5/16	1.25	2.75	24	15/16	6.35	1/4	NPT. 1/4	92	17.8
UW-6CSLRK	6	1/4	8000	238	8 11/32	1.17	2.57	14	9/16	9.5	3/8	NPT. 1/4	93	31.6
UW-6CSRK	6	1/4	7300	234	9 7/32	1.42	3.12	22	27/32	9.5	3/8	NPT. 1/4	94	31.6
UW-6CSHRK	8	5/16	7300	256	10 5/64	1.71	3.76	19	47/64	9.5	3/8	NPT. 1/4	94	56.2
UW-6ASLRK	6	1/4	6500	260	10 15/64	1.14	2.50	15	19/32	9.5	3/8	NPT. 1/4	92	31.6
UW-6CSLK	6	1/4	8000	218	8 19/32	1.17	2.57	14	9/16	9.5	3/8	NPT. 1/4	93	31.6
UW-6CSK	6	1/4	7500	271	10 43/64	1.42	3.12	22	27/32	9.5	3/8	NPT. 1/4	94	31.6
UW-6CSHK	8	5/16	7500	238	9 3/8	1.71	3.76	19	47/64	9.5	3/8	NPT. 1/4	94	56.2
UW-6ASLK	6	1/4	6500	240	9 5/32	1.14	2.50	15	19/32	9.5	3/8	NPT. 1/4	92	31.6

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-61EK	8	5/16	7500	150	5 15/64	1.62	3.56	30	1 3/16	9.5	3/8	NPT. 1/4	92	5.6
UW-101EK	10	3/8	6500	183	7 13/64	2.32	5.87	36	1 27/64	12.7	1/2	NPT. 1/4	97	5.6
UW-131EK	13	1/2	6000	212	8 11/32	2.87	6.31	38	1 1/2	12.7	1/2	NPT. 1/4	98	7.6
UW-161E	16	5/8	4200	210	8 17/64	1.00	8.80	42	1 25/32	19.0	3/4	NPT. 3/8	97	5.6
UW-61ERK	8	5/16	7300	154	6	1.51	3.32	30	1 3/16	9.5	3/8	NPT. 1/4	91	5.6
UW-101ERK	10	3/8	5500	185	7 9/32	2.27	4.99	36	1 27/64	12.7	1/2	NPT. 1/4	96	5.6
UW-131ERK	13	1/2	5500	210	8 17/64	2.97	6.53	38	1 1/2	12.7	1/2	NPT. 1/4	97	7.6
UW-161ER	16	5/8	3800	215	8 15/32	4.10	9.00	42	1 21/32	19.0	3/4	NPT. 3/8	96	5.6

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-8SHRK	8	5/16	7300	172	6 25/32	1.55	3.41	26.0	1 1/32	12.7	1/2	NPT. 1/4	93	7.6
UW-9SRK	10	3/8	7000	173	6 13/16	1.79	3.93	27.5	1 3/32	12.7	1/2	NPT. 1/4	93	5.6
UW-10SHRK	10 - 12	3/8 - 1/2	6000	197	7 3/4	2.13	4.68	30.5	1 3/16	12.7	1/2	NPT. 1/4	95	5.6
UW-13SRK	13	1/2	6000	205	8 5/64	2.61	5.74	34.0	1 11/32	12.7	1/2	NPT. 1/4	95	5.6
UW-8SHK	8	5/16	7500	172	6 25/32	1.55	3.41	26.0	1 1/32	12.7	1/2	NPT. 1/4	95	7.6
UW-9SK	10	3/8	7000	185	7 3/16	1.84	4.04	27.5	1 3/32	12.7	1/2	NPT. 1/4	95	5.6
UW-10SHK	10 - 12	3/8 - 1/2	6500	197	7 3/4	2.13	4.68	28.5	1 7/64	12.7	1/2	NPT. 1/4	97	5.6
UW-13SK	13	1/2	6500	221	8 23/32	2.61	5.74	34.0	1 11/32	12.7	1/2	NPT. 1/4	97	5.6
UW-9SSK	10	3/8	7000	290	11 7/16	2.10	4.62	33.0	1 9/32	12.7	1/2	NPT. 1/4	95	18.0
UW-13SSK	13	1/2	6300	303	11 15/16	3.17	6.97	34.0	1 11/32	12.7	1/2	NPT. 1/4	97	18.0
UW-9CSK	10	3/8	7000	338	13 5/16	2.78	6.11	22.0	7/8	12.7	1/2	NPT. 1/4	95	58.5
UW-13CSK	13	1/2	6500	375	14 3/4	5.17	11.37	26.0	1 1/32	12.7	1/2	NPT. 1/4	97	60.0

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-140P, -140PR	12	1/2	6500	190	7 1/2	2.70	5.90	30.0	1 3/16	12.7	1/2	NPT. 1/4	93	7.9
UW-140PL, -140PRL	12	1/2	6500	233	9 3/16	2.80	6.10	30.0	1 3/16	12.7	1/2	NPT. 1/4	93	7.9
UW-220P	19	3/4	5500	225	8 7/8	4.40	9.60	42.0	1 21/32	19.0	3/4	NPT. 3/8	95	5.6
UW-220PL	19	3/4	5500	338	13 1/4	4.70	10.30	42.0	1 21/32	19.0	3/4	NPT. 3/8	95	5.6
UW-251P	25	1	5500	275	10 53/64	8.00	17.60	48.0	1 7/8	25.4	1	NPT. 3/8	95	5.6
UW-251PL	25	1	5500	394	15 33/64	8.80	19.40	48.0	1 7/8	25.4	1	NPT. 3/8	95	5.6
UW-22S(SHORT)	22	7/8	4000	395	14 1/16	7.90	17.41	46.0	1 13/16	19.0	3/4	NPT. 3/8	103	25.0
UW-032S(SHORT)	32	1 1/4	3500	304	11 31/32	11.60	25.50	59.0	2 9/32	25.4	1	NPT. 3/8	109	30.0
UW-381	38	1 1/2	4700	355	13	9.50	20.90	55.0	2 11/64	25.4	1	NPT. 1/2	100	11.1
UW-381L	38	1 1/2	4700	504	19 27/32	10.00	22.00	55.0	2 11/64	25.4	1	NPT. 1/2	100	11.1
UW-381P	38	1 1/2	4700	276	10 7/8	9.50	20.90	55.0	2 11/64	25.4	1	NPT. 1/2	99	7.3
UW-381PL	38	1 1/2	4700	425	13 3/4	1.00	22.00	55.0	2 11/64	25.4	1	NPT. 1/2	99	7.3
UW-401	38	1 1/2	3200	421	16 37/64	15.10	33.22	60.0	2 3/8	25.4	1	NPT. 1/2	110	35.0
UW-401L	38	1 1/2	3200	591	23 17/64	16.50	36.30	60.0	2 3/8	25.4	1	NPT. 1/2	110	35.0

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-550	56	2 1/4	3500	525	20 43/64	36.0	79.2	75.0	2 61/64	38.1	1 1/2	NPT. 1	112	40.0
UW-75S	76	3	1400	668	26 17/64	56.0	123.0	91.0	3 19/32	44.4	1 3/4	NPT. 1	112	45.0
UW-75S (1 1/2)	76	3	1400	668	26 17/64	56.0	123.0	91.0	3 19/32	38.1	1 1/2	NPT. 1	112	45.0

Model	Capacity (Nominal Bolt Size)		Free Speed (about)	Overall Length Less Socket or Bit (about)		Weight less Socket or Bit (about)		From Center to Outside (about)		Sq. Drive or Hex Size		Air Inlet Thread	Noise Level	Vibration Level
	mm	in		mm	in	kg	lb	mm	in	mm	in			
UW-ST6SHK	8	5/16	6500	170	6 11/16	1.70	3.74	24.0	31/32	9.5	3/8	NPT. 1/4	92	5.6
UW-ST9SK	10	3/8	6300	192	7 19/32	2.35	5.06	28.0	1 3/32	12.7	1/2	NPT. 1/4	97	5.6
UW-ST10SHK	10 - 12	3/8 - 1/2	6300	195	7 11/16	2.60	5.72	28.0	1 3/32	12.7	1/2	NPT. 1/4	97	5.6
UW-ST6SSHK	8	3/8 - 1/2	6500	230	9 1/16	1.35	2.97	24.0	31/32	9.5	3/8	NPT. 1/4	92	17.8

Note :

Sound level measured to ISO 15744

Vibration level measured to ISO 8662-7