

UD-60 SERIES AIR DRILLS

- 5 speeds** ← **Interchangeable Gear Boxes**
- Silent** ← **Easy to clean outer-equipped Silencer.**
- Powerful** ← **Highly reputed URYU Air Motor.**
- Long life** ← **Trouble-less construction with precisely-made and heat-treated moving parts**

MODEL
UD-60S-29
(2,900 R.P.M)

GREASE PLUG

THROTTLE LEVER

AIR INLET

SUSPENSION BAIL

SILENCER
(Keep clean and do not break mesh holes)

Nylon PROTECTOR

Aluminum Alloy CASING
(Oval Handle Body for comfortable grip)

GEAR BOX

KEY CHUCK
5/16"(8mm)Capacity

3/8"-24 SPINDLE

MODEL
UD-60S-15C
(1,600 R.P.M)

SPINDLE	3/8"-24 UNF	1/2"-20 UNF
CHUCK	○8mm (923-070-0) *10mm (923-072-0)	○13mm (923-071-0) *10mm (923-073-0)
CHUCK HANDLE	(927-051-0)	(927-053-0)

○ : Standard * : Option

Aluminum Alloy CASING

KEY CHUCK

THREADED SPINDLE

GEAR BOX

THROTTLE TRIGGER

INTERCHANGEABLE GEAR BOXES

3/8"-24 UNF Spindle Thread

KEY CHUCK
Capacity : 8mm (5/16")

Code:923-070-0

UD-60-29/UD-60S-29
629 (2,900 r.p.m.)

UD-60-20/UD-60S-20
620 (2,000 r.p.m.)

1/2"-20 UNF Spindle Thread

KEY CHUCK
Capacity : 13mm (1/2")

Code:923-071-0

UD-60-15/UD-60S-15
615 (1,600 r.p.m.)

UD-60-07/UD-60S-07
607 (700 r.p.m.)

3/8"-24 UNF Spindle Thread ANGLE HEAD

KEY CHUCK
Capacity : 8mm(5/16")

Code:923-070-0

UD-60-04/UD-60S-04
604 (500 r.p.m.)

UD-60S-29C
629A (2,900 r.p.m.)

UD-60S-15C
615A (1,600 r.p.m.)

PISTOL HANDLE

STRAIGHT HANDLE

Built-in AIR REGULATOR

SILENCER
(Exhaust Deflector)

AIR INLET

MODEL
UD-60-15
(1,600 R.P.M)



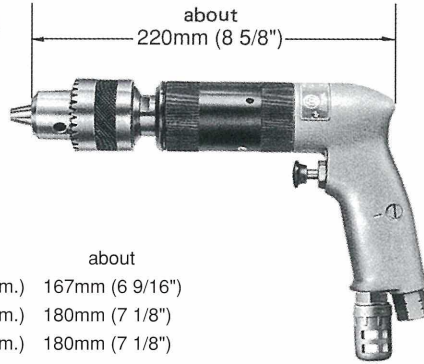
URYU SEISAKU, LTD.
Osaka, Japan

2013.03

OKA-003-13-02-01-2001

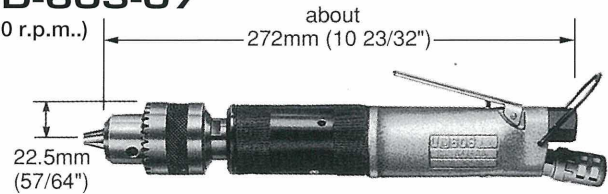
URYU AIR DRILLS

**MODEL
UD-60-04**
(500 r.p.m.)



UD-60-29 (2,900 r.p.m.) 167mm (6 9/16")
UD-60-20 (2,000 r.p.m.) 180mm (7 1/8")
UD-60-15 (1,600 r.p.m.) 180mm (7 1/8")
UD-60-07 (700 r.p.m.) 214mm (8 27/64")

**MODEL
UD-60S-07**
(700 r.p.m.)



UD-60S-29 (2,900 r.p.m.) 227mm (8 15/16")
UD-60S-20 (2,000 r.p.m.) 238mm (9 3/8")
UD-60S-15 (1,600 r.p.m.) 238mm (9 3/8")
UD-60S-04 (500 r.p.m.) 279mm (10 63/64")

SPECIFICATIONS

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

	Model	Drilling Capacity		Free Speed (about)	Weight with Chuck (about)		Nominal Chuck Size		Spindle	Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{nd})	Vibration Uncertainty (K)
		mm	in	r.p.m.	kg	lb	mm	in	in-thr'd	dB (A)	dB (A)	m/sec ²	m/sec ²
PISTOL	UD-60-29	8	5/16	2,900	1.10	2.43	8	5/16	3/8-24UNF	77	-	< 2.5	0.61
	UD-60-20	8	5/16	2,000	1.20	2.64	8	5/16	3/8-24UNF	77	-	< 2.5	0.60
	UD-60-15	8	5/16	1,600	1.20	2.64	8	5/16	3/8-24UNF	76	-	< 2.5	0.57
	UD-60-07	13	1/2	700	1.40	3.08	13	1/2	1/2-20UNF	75	-	< 2.5	0.58
	UD-60-04	13	1/2	500	1.40	3.08	13	1/2	1/2-20UNF	75	-	< 2.5	0.57
STRAIGHT	UD-60S-29	8	5/16	2,900	1.05	2.32	8	5/16	3/8-24UNF	77	-	< 2.5	0.60
	UD-60S-20	8	5/16	2,000	1.15	2.54	8	5/16	3/8-24UNF	77	-	< 2.5	0.68
	UD-60S-15	8	5/16	1,600	1.15	2.54	8	5/16	3/8-24UNF	77	-	< 2.5	0.67
	UD-60S-07	13	1/2	700	1.35	2.98	13	1/2	1/2-20UNF	75	-	< 2.5	0.63
	UD-60S-04	13	1/2	500	1.35	2.98	13	1/2	1/2-20UNF	75	-	< 2.5	0.63
ANGLE	UD-60S-29C	8	5/16	2,900	1.52	3.34	8	5/16	3/8-24UNF	79	-	< 2.5	0.70
	UD-60S-15C	8	5/16	1,600	1.60	3.52	8	5/16	3/8-24UNF	79	-	< 2.5	0.69

Recommended Air Pressure : 0.6MPa(85psi)

Air Inlet Thread (Pipe Tap) : N.P.T.1/4" Air Hose Size : 9.5mm (3/8 in)

Average Air Consumption : 0.50m³/m (18 ft³/m)

Standard accessories : Key Chuck, Air Hose Nipple, Tools for disassembly.

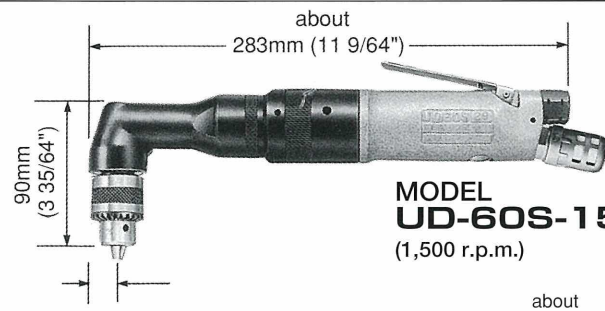
(Optional Accessories)



Dead Handle Assembly
Code No. 612-896-0



Air Regulator (1/4")
Code No. 932-110-0



**MODEL
UD-60S-15C**
(1,500 r.p.m.)

UD-60S-29C (2,900 r.p.m.) 276mm (10 55/64")

IMPORTANT!!

Air Pressure → 0.6MPa(85psi) Air Pressure is recommended for the most efficient performance.
Too high air pressure will shorten tool's life.

Lubrication → **For Air Motor**— Supply Turbine Oil properly through Air Inlet or Line Oiler every before and after operation. (for examples, MOBIL TURBINE OIL #32 SHELL TURBINE OIL #32, and or equivalents.)

For Gears and Bearings— Supply recommended high quality Grease properly (for examples, SHELL ALVANIA NO.2 SHELL ALVANIA EP, MOBILPLEX 2, MOBILPLEX 47 and 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.

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.

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