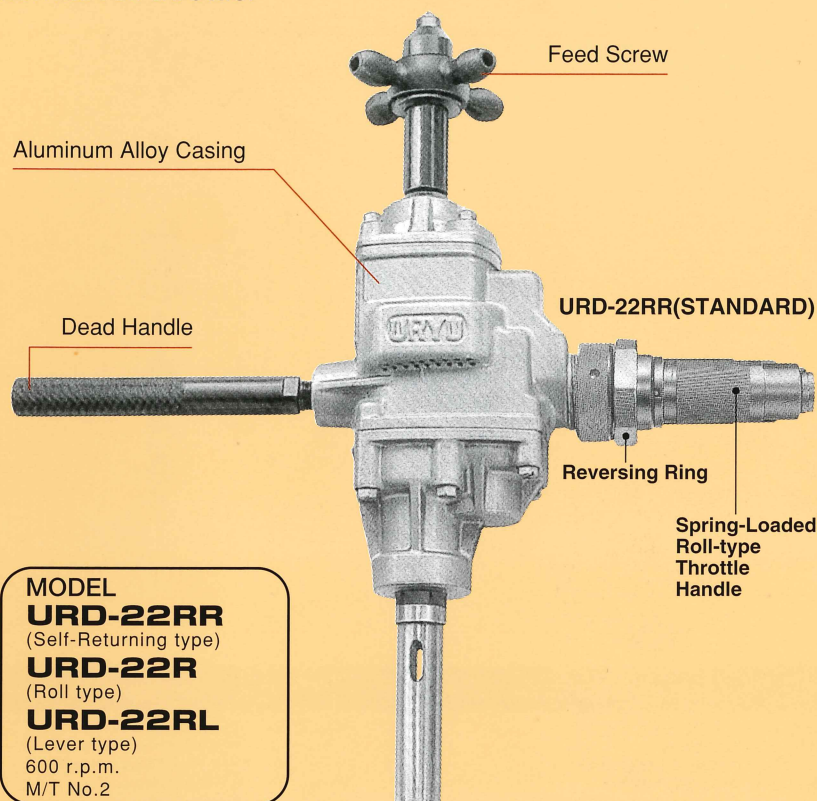


URD-22 SERIES HEAVY-DUTY ROTARY DRILLS (Reversible)

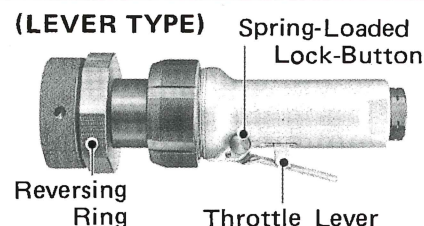
Smooth and accurate operations for many kinds of applications, such as drilling, tapping, reaming, and tube rolling, etc.

Selective Three Throttles are available for meeting individual local safety regulations: RR series self-returning roll throttle (URYU's standard), RL series lever throttle with safety lock and R series normal roll throttle.

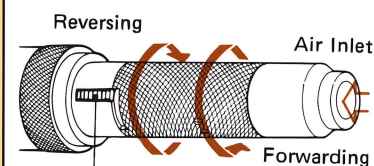


MODEL
URD-22RR
(Self-Returning type)
URD-22R
(Roll type)
URD-22RL
(Lever type)
600 r.p.m.
M/T No.2

LEVER-TYPE THROTTLE HANDLE(OPTION)



ROLL-TYPE THROTTLE HANDLE(OPTION)



Notch Stopper-Available for URD-23R or larger sizes. Slide it to the Air Inlet side to lock the throttle only for clockwise direction. Release it to turn the throttle for both directions.

SPECIFICATIONS

Recommended Air Pressure:0.6MPa(85psi)

Model			Drilling Capacity		Free Speed (about)	Overall Length (about)		Weight (about)		From Center to Outside (about)		Feed Length (about)		Air Hose Size		Average Air Consumption		Noise Level	Vibration Level
Type of Throttle Handle																			
Roll	Self-Returning	Lever	mm	in	r.p.m	mm	in	kg	lb	mm	in	mm	in	mm	in	m ³ /min	ft ³ /min	dB(A)	m/sec ²
URD-22R	URD-22RR	URD-22RL	22.0	7/8	600	442	17 13/32	5.8	12.8	39	1 17/32	70	2 3/4	12.7	1/2	1.3	46	95	3.0

WARNING!

Reaction torque may occur. Make sure that both Operating Throttle and Dead Handle are firmly gripped by operators before starting the tool. Take the most suitable postures to allow counteracting of normal or unexpected movement of the tool. Do not release either Operating Throttle or Dead Handle until the tool is completely stopped.

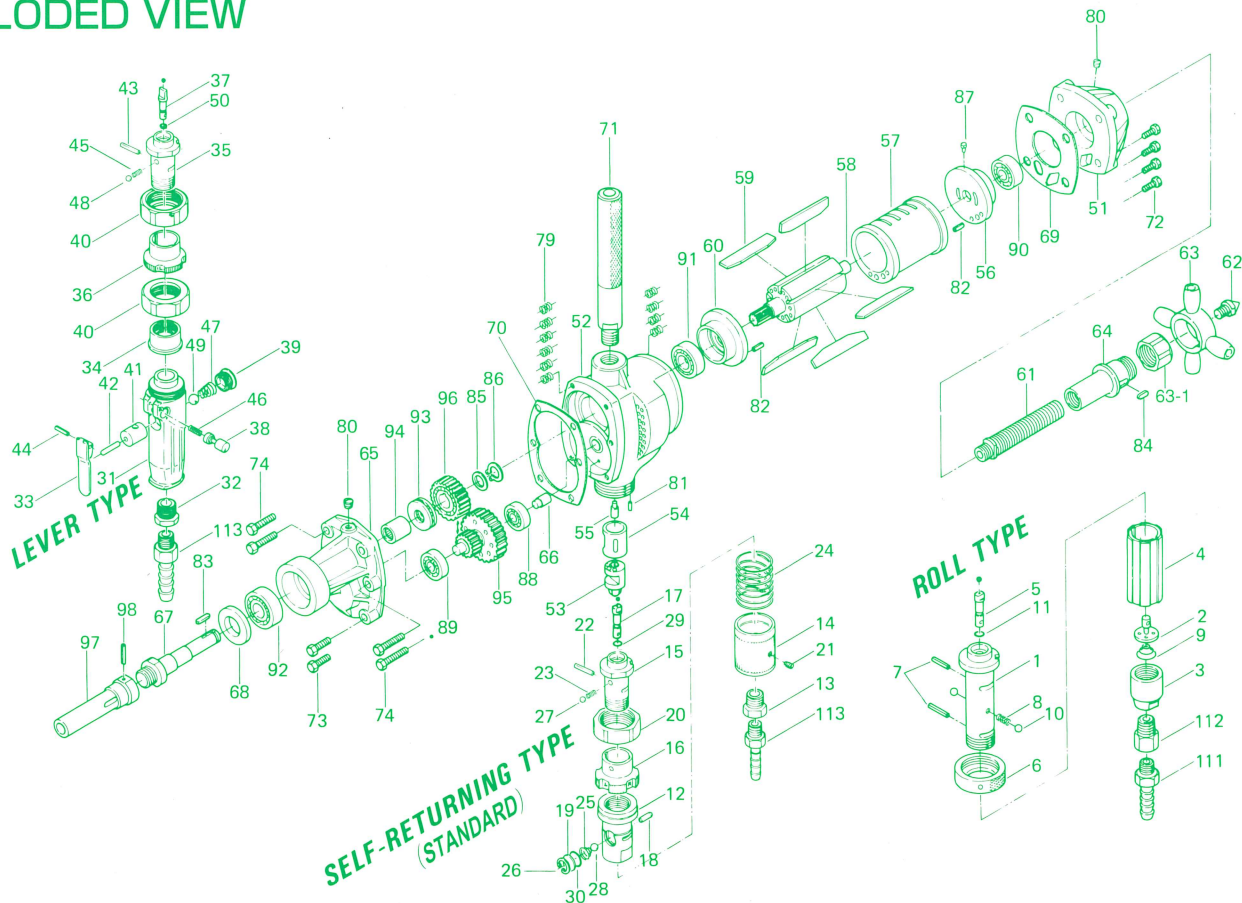
FOR USE

1. Apply 0.6 MPa(85 psi) air pressure to the tool for the most efficient performance. Excessively higher air pressure than URYU's recommended 85 psi. may create shorter life of the tool.
2. Supply air motor with turbine oil (Mobile Turbine Oil #32, Shell Turbine Oil #32 or equivalents),through Air Inlet. Supply gear section and bearings with high quality grease, such as Shell Alvania No.2, Mobilplex 2 or equivalents, once every three months or when the tool is overhauled.
Excessive lubrication may creat heating problem.
3. Air filter and Lubricator should be used.
4. Regular Overhaul: Tool should be properly checked at least once every three months.
5. Use URYU genuine spare parts for replacement.



URD-22 SERIES ROTARY DRILLS

EXPLODED VIEW



PARTS LIST

Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity
626-003-1 URD-22R				# 33	566-107-5	Valve Lever	1	# 72	945-225-0	Allen Head Bolt (M6×25)	4
Valve Handle Assembly (Roll Type)				# 34	626-079-7	Connector	1	# 73	945-228-0	Allen Head Bolt (M6×28)	2
# 1	626-014-1	Valve Body	1	# 35	626-729-4	Valve Body Connector	1	# 74	945-240-0	Allen Head Bolt (M6×40)	4
# 2	626-100-1	Valve	1	# 36	626-209-4	Reverse Handle	1	# 79	965-021-0	Heli-Sert (M6×1.5D)	10
# 3	626-090-1	Air Inlet Bushing	1	# 37	626-221-1	Reverse Valve Spindle	1	# 80	966-100-0	Oil Plug (1/8)	2
# 4	626-015-1	Valve Handle	1	# 38	585-765-1	Safety Pin	1	# 81	973-108-0	Roll Pin (3x8)	1
# 5	626-221-1	Reverse Valve Spindle	1	# 39	578-108-1	Valve Plug	1	# 82	973-212-0	Roll Pin (4x12)	2
# 6	626-736-1	Valve Body Nut	1	# 40	626-736-4	Valve Body Nut	2	# 83	974-080-0	Key (3.5x13)	1
# 7	971-272-0	Pin (3.8x32)	2	# 41	578-101-1	Valve Bushing	1	# 84	974-215-0	Key (5x15)	1
# 8	976-115-0	Spring (6x25)	1	# 42	971-273-0	Pin (3.8x34)	1	# 85	975-759-0	Adjusting Spacer (20x15.2xt)	1
# 9	977-165-0	Cone Spring (7x22x12)	1	# 43	970-426-0	Pin (H)(5x26)	1	# 86	979-112-0	Outer Snap Ring (15)	1
# 10	981-006-0	Ball (1/4)	2	# 44	973-170-0	Roll Pin (3.5x20)	1	# 87	980-008-0	Round Head Notch (2.4)	1
# 11	990-203-0	O-Ring (JW1516-3)	1	# 45	976-066-0	Spring (4.6x9)	1	# 88	982-024-0	Ball Bearing (629)	1
626-003-4 URD-22RR				# 46	976-114-0	Spring (6x18)	1	# 89	982-200-0	Ball Bearing (6200)	1
Valve Handle Assembly (Self-Returning Type)				# 47	977-260-0	Cone Spring (10x16x16)	1	# 90	982-201-0	Ball Bearing (6201)	1
# 12	626-014-4	Valve Body	1	# 48	981-004-0	Ball (3/16)	1	# 91	982-202-0	Ball Bearing (6202)	1
# 13	592-091-2	Air Inlet Bushing	1	# 49	981-214-0	Ball (1/2)	1	# 92	983-303-0	Ball Bearing (7203B)	1
# 14	626-015-4	Valve Handle	1	# 50	990-203-0	O-Ring (JW1516-3)	1	# 93	986-252-0	Thrust Ball Bearing (2902)	1
# 15	626-729-4	Valve Body Connector	1	COMMON PARTS				# 94	988-370-0	Needle Roller Bearing (BA1012)	1
# 16	626-209-4	Reverse Handle	1	# 51	626-017-1	Oil Casing	1	# 95	632-445-1	Middle Gear	1
# 17	626-221-1	Reverse Valve Spindle	1	# 52	626-025-1	Casing	1	# 96	632-446-1	Shaft Gear	1
# 18	626-104-4	Valve Rod	1	# 53	626-210-1	Reverse Valve	1	# 97	630-520-1	Socket (No.2)	1
# 19	626-019-4	Valve Cover	1	# 54	626-211-1	Reverse Valve Bushing	1	# 98	971-325-0	Pin (4x25)	1
# 20	626-736-4	Valve Body Nut	1	# 55	626-222-1	Reverse Valve Setter	1	ACCESSORIES			
# 21	952-308-0	Allen Head Dog Point Screw (M6x8)	1	# 56	626-285-1	Rear Plate	1	for URD-22R			
# 22	971-273-0	Pin (3.8x34)	1	# 57	626-286-1	Cylinder	1	# 111	940-115-0	Air Hose Nipple (NPT1/4x1/2)	1
# 23	976-066-0	Spring (4.6x9)	1	# 58	626-287-1	Rotor	1	# 112	942-121-0	Connecting Screw (3/8xNPT1/4)	1
# 24	976-978-0	Spring (40.8x35)	1	# 59	626-288-1	Blade	5	for URD-22RR&22RL			
# 25	977-258-0	Cone Spring (10x16x10)	1	# 60	626-289-1	Front Plate	1	# 113	940-125-0	Air Hose Nipple (NPT3/8x1/2)	1
# 26	979-013-0	Inner Snap Ring (20)	1	# 61	626-535-1	Feed Screw	1				
# 27	981-004-0	Ball (3/16)	1	# 62	636-536-1	Feed Center	1				
# 28	981-214-0	Ball (1/2)	1	# 63	626-537-1	Feed Handle	1				
# 29	990-203-0	O-Ring (JW1516-3)	1	# 63-1	626-541-1	Feed Sleeve Nut	1				
# 30	990-916-0	O-Ring (SNS-18)	1	# 64	626-538-2	Feed Sleeve	1				
626-003-7 URD-22RL				# 65	626-029-1	Gear Casing	1				
Valve Handle Assembly (Lever Type)				# 66	626-505-1	Middle Gear Spindle	1				
# 31	626-014-7	Valve Body	1	# 67	626-319-1	Spindle	1				
# 32	592-091-1	Air Inlet Bushing	1	# 68	626-399-1	Sealing Plate	1				
				# 69	626-859-1	Oil Casing Packing	1				
				# 70	626-860-1	Gear Casing Packing	1				
				# 71	626-720-1	Dead Handle	1				

When ordering spare parts, please Specify tool type, code number and parts name.

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