

# Innovative new product! It has locking function for rotation

Compact rotary unit is available now due to original locking structure.  
Safety can be realized by position locking in the case of off-running of rotary actuator and servo motor, or power failure or emergency.



## Rotary lock unit <RTL Series>

**CKD Corporation**

<http://www.ckd.co.jp/>

CC-978A

●This product is custom order with our sales office contact consult with CKD.

## Sales point ②

Rotary lock is suitable for position locking toward rotating direction in the case of off-running of rotary actuator and servo motor, or power failure or emergency.  
Lock torque (5 Series)  
3.88N·m to 68N·m

## Sales point ③

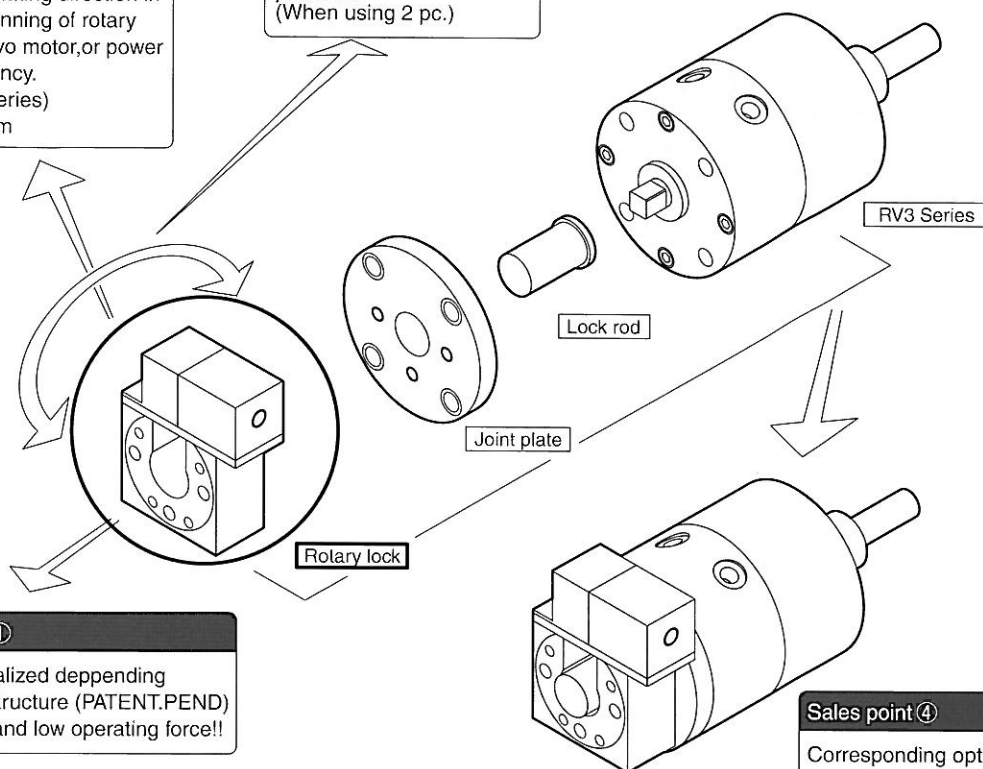
Free-selection for locking way by reversal setting.  
A bi-directional lock is also possible!!  
(When using 2 pc.)

## Sales point ①

Unlocked realized depending on original structure (PATENT.PEND) at ultra thin and low operating force!!

## Sales point ④

Corresponding option to Selex Rotary(RV3 $\bar{S}$ 20 to RV3 $\bar{S}$ 300)c/w safety locking.  
To be installed later is also possible.



- ◇ Ingenious structure(PATENT. PEND) by super-thin type, and it makes easy locking release by low control force.
- ◇ Wide variations corresponding with required lock torque.
- ◇ Available both way locking and free-selection by reversal setting.
- ◇ Corresponding option for RV3※ series c/w safety locking, and available to install later.

## Main specifications

Model	RTL-12	RTL-16	RTL-20	RTL-30	RTL-35
Subject rod diameter (ømm)	12f <sub>8</sub>	16f <sub>8</sub>	20f <sub>8</sub>	30f <sub>8</sub>	35f <sub>8</sub>
Working fluid	Compressed air				
Max. working pressure (Mpa)	0.7				
Min. working pressure (Mpa)	0.3				
Withstanding pressure proof (Mpa)	1.05				
Ambient temperature (°C)	-5 to 60 (no freezing)				
Port size	M5				
Lock torque (N·m)	3.88	7.7	10.4	35	68
Backlash + elasticity deforming angle	3° to max8° (allowable max. torque)				
Subject rotary actuator	RV3*20	RV3*30	RV3*50	RV3*150	RV3*300

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2009.3.CCC