RBK02

Rotator Coupler

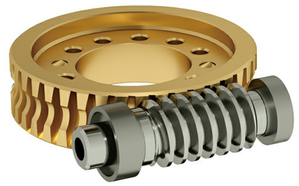
4-6 ton excavators



The LINGDONG rotating quick coupler adds a 360° rotation function based on a standard quick coupler.
With a worm gear structure, it is designed for high-torque and heavy-duty working conditions, enabling standard buckets to operate at multiple angles.
It also allows conventional hydraulic attachments such as grapples, breakers, and vibratory compactors to achieve rotational capability.

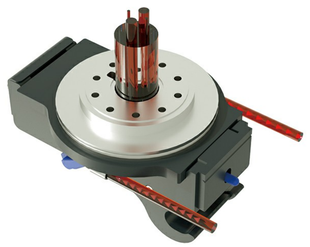
Worm Gear Standard

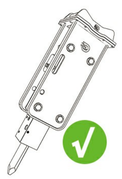
The worm gear design delivers higher torque than conventional gear-type rotation systems and features mechanical self-locking capability, ensuring greater safety and stability under high-load working conditions.

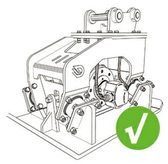


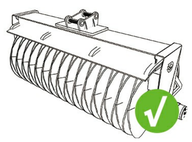
High-Flow Hydraulic Standard

The high-flow 360° rotating oil supply system supports hydraulic attachments with large flow requirements, such as hydraulic breakers, vibratory compactors, and rotary sweepers.



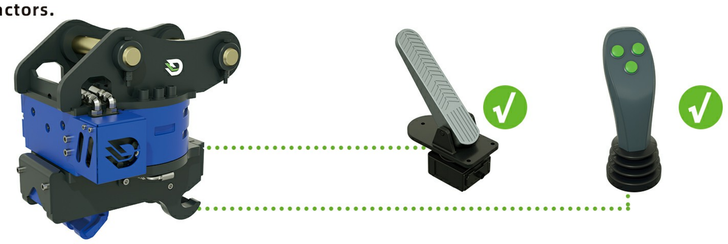






Fully hydraulic

Fully hydraulic design with no need for a dedicated control system or special joysticks.Operation is achieved using the excavator's original joysticks and the factory-installed foot pedal breaker valve.With no proportional solenoid valves, the system is highly reliable and well suited for high-power applications such as breakers and vibratory compactors.



Optional Quick Coupler Optional

The basic lingdong rotating quick coupler adopts a push-type locking system with a rear pin safety lock.Custom options are available, including the Verachtert（CW）system, Volvo（s1 s2 s3）system, and single-pin system.



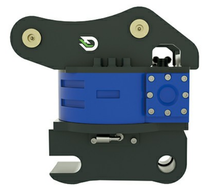
Basic Push-type System



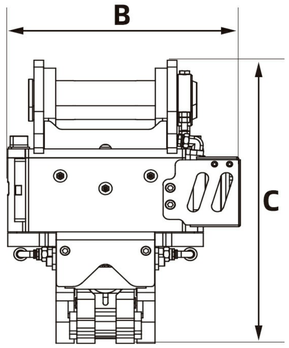
Verachtert System

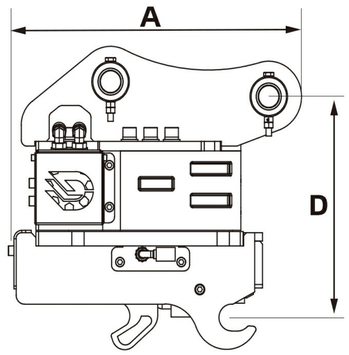


Volov System



single-pin System







Motel	RBK02
Compatible Excavator	4-6T
Upper Pin Distance	270mm
Bucket Pin	40-50mm
Center Distance	245-280mm
Opening Width	155-170mm
Total Length A	526mm
Total Width B	385.5mm
Total Height C	520mm
Pin Height D	370mm
Weight	183KG