

Cam-type cut-out clutch K68/EK68

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- Innovations for greater driveline overload protection

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The K68/EK68 cam-type cut-out clutch is characterised by a new

design principle, based on the long-standing experience and time-proven technology of GKN Walterscheid.

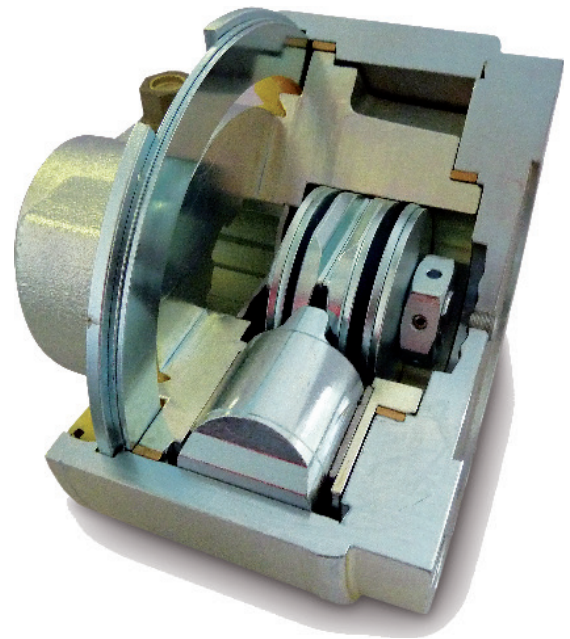
A new bearing concept achieves significantly quieter running at speeds of up to 1,000 rpm. The lubricant volume has been increased, while an improved seal ensures that

- > risk of dirt contamination,
- > maintenance effort
- > wear on the cams, and
- > grease loss,

have been significantly reduced, resulting in a significant increase in the service life and thus the reliability.

Innovations for more security!

The K68/eK68 cam-type cut-out clutch thus offers the optimum protection concept for use on modern big balers, loading wagons and rotary harrows with high power and large working widths.



PRODUCT INFORMATION

PTO PI1601.1_GB

K68 / EK68 –CAM-TYPE CUT-OUT CLUTCH

- The best protection device for your agricultural equipment!

Cam-type cut-out clutches from GKN Walterscheid GmbH protect agricultural machines against overloading.

This avoids machine breakdowns, stoppages and repairs. In practice, overloading primarily occurs as a result of acceleration,

such as when starting up the agricultural machine, in the event of very high operating loads caused by excessive working speeds, and also when blockages are caused by foreign bodies.

In cam-type cut-out clutches from GKN Walterscheid, spring-loaded cams radially engage special grooves in the clutch housing, thereby guaranteeing transmission of the permitted output power.

If the maximum permitted clutch torque is exceeded, the cams are pressed inwards against the spring force. The clutch cuts out, interrupting the flow of power from the PTO drive shaft. Only after reduction of the operating speed to the substantially lower reengaging speed of the clutch, will the cams automatically slide back into the grooves in the clutch housing.

Technical Data K68 / EK68

Clutch type	Size*	L	L ₁	Hubprofile	Dimension A
		[mm]	[mm]	KNP1 3/8"(6); ZNP1 3/8"(21)	KNP1 3/4"(6); ZNP1 3/4"(20)
				[mm]	[mm]
EK68/22		148	95	28	30
EK68/24		148	96	28	30
K68/22	2400	197	145	28	30
	2500	204	152	28	30
	2600	202	150	28	30
K68/24	2400	198	146	28	30
	2500	205	153	28	30
	2600	203	151	28	30
	2700	233	181	28	30

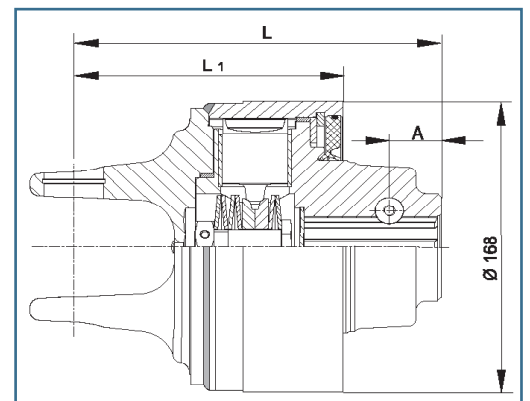


Figure 1 1: K68

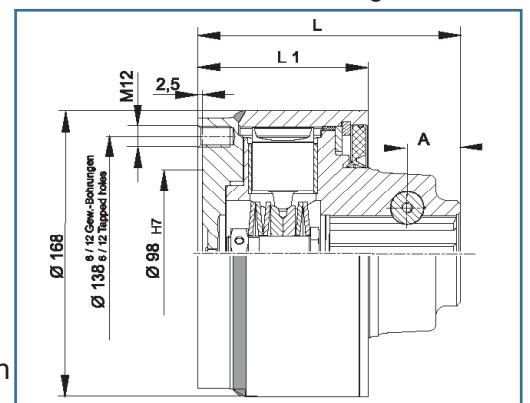


Figure 2: EK68

Drive without clutch

Drive with Cam-Type Cut-out-clutch

