GKN LAND SYSTEMS

WALTERSCHEID

TECHNICAL INFO

DLS-TINo. 11_02_GB

Design modifications on Power Drive PTO drive shafts (inboard yoke and bearing ring)



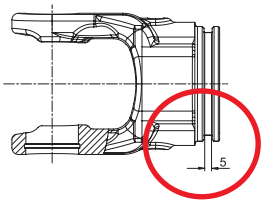
New

Inboard yoke **W** (standard)

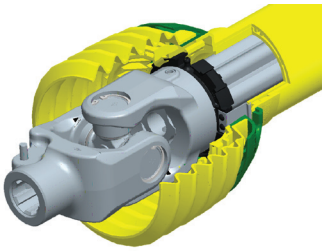
Bearing ring **PG25**

PTO drive shaft guard **PG25**









Inboard yoke W (standard)
with SC/SD running groove
Narrow running groove = **5mm**

139178 / 82.83.120

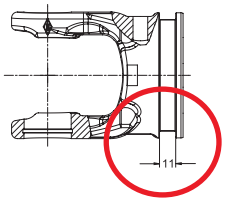
Old

Inboars yoke **P** (Power Drive)

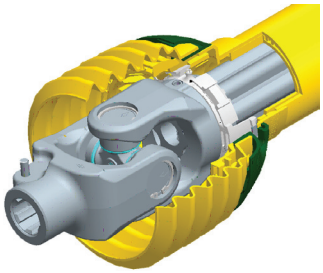
Bearing ring **PG20**

PTO drive shaft guard **PG20**









Inboard yoke P (Power Drive)
with PG running groove
Wide running groove = **11mm**

117229 / 86.20.00

Inboard yoke **P** (Power Drive)						Inboard yokel **W** (standard)				
Description	**Size**	**Profile**	**Part No.**	**Drawing No.**	**Superseded by:**	**Description**	**Size**	**Profile**	**Part No.**	**Drawing No.**
PG20	P300	1b	119559	21.13.20+	→	SC25	2300	1b	041576	21.22.100
PG20	P300	2a	119560	21.14.20+	→	SC25	2300	2a	041577	21.22.101
PG20	P400	1b	120715	35.13.20	→	SC25	2400	1b	019518	35.13.00
PG20	P400	2a	120717	35.14.20	→	SC25	2400	2a	019519	35.14.00
PG20	P400	S4	120716	35.13.21	→	SC25	2400	S4	356905	35.13.100
PG20	P400	S5	119564	35.14.21+	→	SC25	2400	S5	356906	35.14.100
PG20	P500	S4	125356	36.13.21	→	SC25	2500	S4	097133	36.13.100

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The inboard yoke of the "W" Series (standard) will in future be used on Power Drive PTO drive shafts of sizes P300, P400 and P500.

The new **PG25** bearing ring has been developed for this purpose.
The new **PG25** bearing ring (black) will in future be used on all Power Drive PTO drive shafts with standard, Series **W** inboard yokes, which have a narrow running groove (5 mm).

The **PG20** bearing ring (white) will be used for old Power Drive PTO drive shafts with **P** inboard yokes, which have a wide running groove (11 mm).

There is no possibility of confusion or erroneous fitting of the bearing rings on the corresponding inboard yokes with **SC/SD** or **PG** running groove.

The bearing rings to be used for the two PTO drive shaft guard versions essentially differ as regards the diameter and the width of the internal contour.

The PTO drive shaft guard designation **PG25** will in future supersede the PTO drive shaft guard designation **PG20**. The design of the two guards is identical, except that the **PG20** (117229/86.20.00) bearing ring is replaced by the **PG25** (139178/82.83.120) bearing ring.

When repairing Power Drive PTO drive shafts of the old design (**PG** inboard yoke with wide running groove) where the **PG** inboard yoke needs to be replaced, it can continue to be replaced by a **PG** inboard yoke, or also by a **W** Series inboard yoke.
If a **W** Series inboard yoke is fitted, it must be borne in mind that the **PG20** bearing ring must also be replaced by the **PG25** bearing ring.
If a Power Drive PTO drive shaft of new design (inboard yoke with narrow running groove) has to be repaired, only the **W** Series inboard yoke (standard) may be used, and thus also the **PG25** PTO drive shaft guard.



As-delivered condition of the guard components

For the aftermarket, all **PG PTO drive shaft guards** with the type designations **PG20** and **PG25** have been shipped as follows since August 2010:

- Complete **PG guards** with two **PG20** bearing rings (white) and two **PG25** bearing rings (black).
- **PG guard** halves with one **PG20** bearing ring (white) and one **PG25** bearing ring (black).

As regards stock-keeping, kindly note that any **PG guards** of old design (equipped with **PG20** bearing rings only) that you may have in stock have the same Order No. as the current **PG guards** of new design (equipped with two different bearing rings, **PG20** and **PG25**).

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