

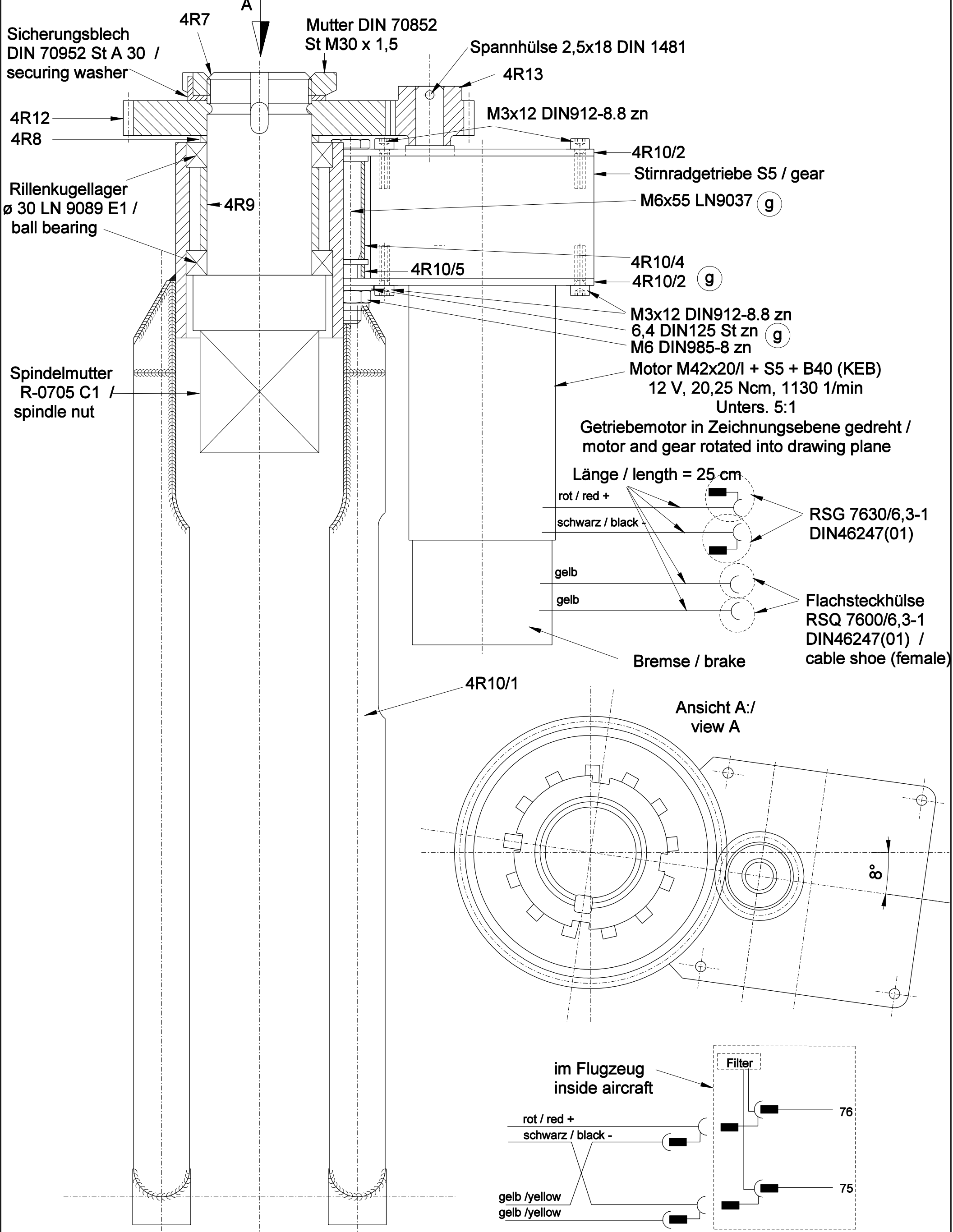
- Subject : Motor with gear and brake for spindle drive
- Effectivity : DG-400 und DG-800A, LA
- Accomplishment : In case of a defective motor or gear
- Reason : The existing motor is no more available. Thus a new design with a newer type of motor was necessary. This motor has different sizes.
- Instructions :  
1. Remove the old motor: DG-400 according to maintenance manual section 4.4.1, DG800 according to maintenance manual section 4.14.1.  
2. Install the new motor according to drawing 4R14 issue e.  
2 spacer bushes 4R10/5 are necessary in addition to the fasteners used for the old motor.  
Refer to maintenance manual section 4.4.4 (DG.400) and 4.14.4 (DG-800) for further information.  
3. Connect the wiring according to the sketch on drawing 4R14.
- Material : drawing 4R14 issue e  
2 spacer bushes 4R10/5  
1 Motor M42x20/I + S5 + B40 (KEB) 12 V, 20,25 Ncm, 1130 1/min, gear 5:1 assembled with brake, mounting plates 4R10/2, /3 and gear pinio, wiring with terminals  
2 M6x55 LN9037  
2 6,4 DIN125 St zn  
2 M6 DIN985-8 zn
- Tools: hook spanner 45 – 50 needed
- Weight and balance : influence negligible
- Remarks : Instructions may be executed by the owner.

Bruchsal, date:  
September 20. 2006

Amended: 9.11.2006

Author:  
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This service info has been approved by EASA date 23. April 2008 with technical note DG-G-04.  
Approval No. EASA.A.C.09568.



Toleranzen nach Arbeitsanweisung BA 1				
Schweißen nach Arbeitsanweisung SA 1				
g	4R10/3 entfällt, div	9.11.056	W.Dirks	
f	4R13 1 Teil	20.10.06	W.Dirks	
e	neu gezeichnet Getriebemotor neu	01.02.06	Henes	
Ausg	Änderung	AM	Tag	Name

Gez.	01.02.06	D.Henes
Gepr.		
Norm.		
Maßstab	1:1 1:1	
Maße ohne Toleranzang. nach:		

**Spindelantrieb  
Zusammenstellung  
spindle drive assembly**

DG  
Flugzeugbau GmbH  
76646 Bruchsal  
Otto-Lilienthal-Weg 2

4R14