DG Flugzeugbau GmbH
76646 Bruchsal

Service Info
No. 61/06 issue b

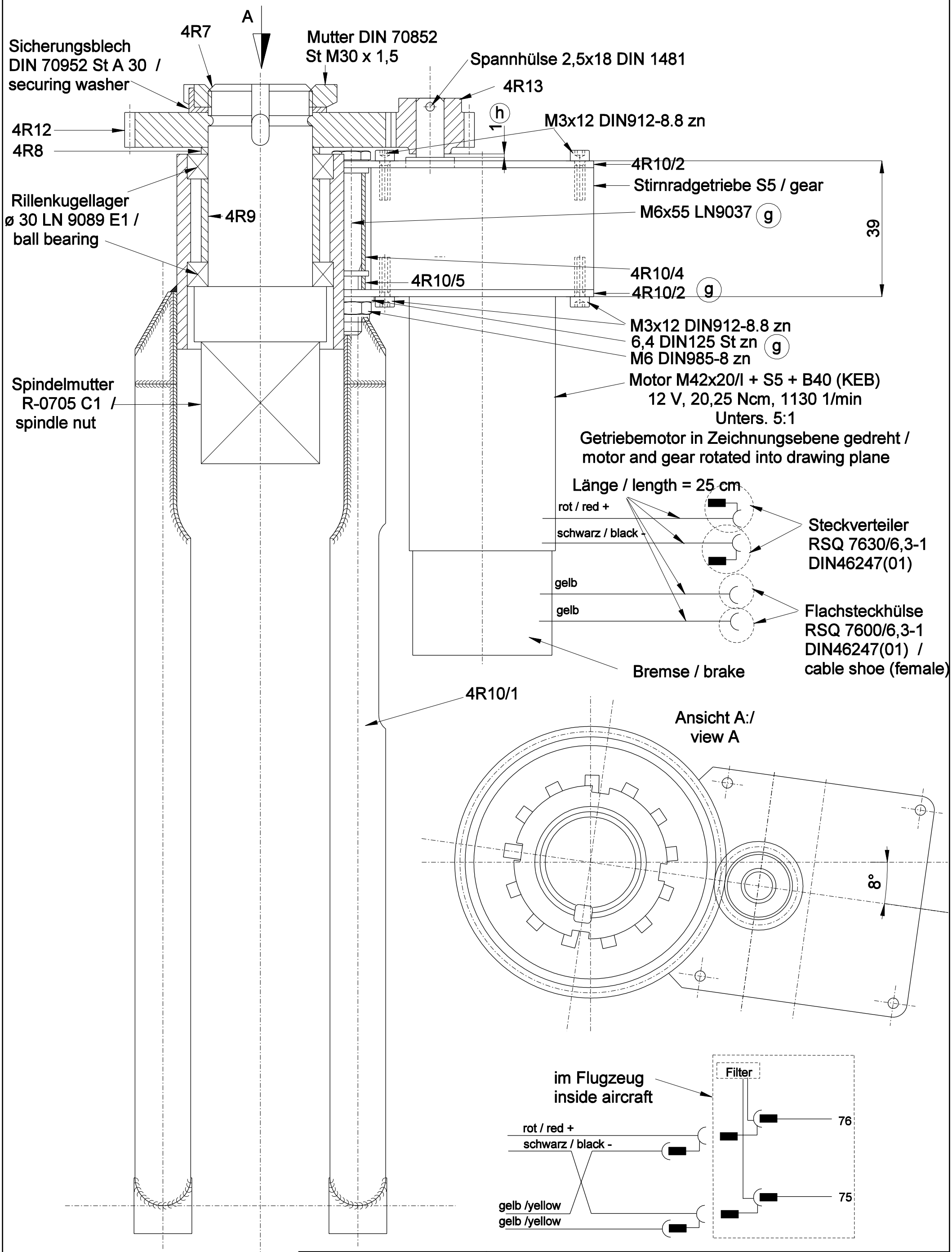
Subject	:	Motor with gear and brake for spindle drive
Effectivity	:	DG-400 und DG-800A, LA
Accomplishment	:	In case of a defective motor or gear
Reason	:	The existing motor is no more available. Thus a new design with a newer type of motor was necessary. This motor has different sizes.
Instructions	:	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 h 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:
Dipl. Ing. Wilhelm Dirks

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				
h	4R13 gekürzt		12.12.06	W.Dirks
g	4R10/3 entfällt, div		9.11.06	W.Dirks
f	4R13 1 Teil		20.10.06	W.Dirks
e	neu gezeichnet Getriebemotor neu		01.02.06	Henes
Ausg.	Änderung	ÄM	Tag	Name

	Tag	Name
Gez.	01.02.06	D.Henes
Gepr.		
Norm.		

Maßstab 1:1
1:1

Maße ohne Toleranz-ang. nach:

Spindelantrieb Zusammenstellung

spindle drive assembly

DG Flugzeugbau GmbH
76646 Bruchsal
Otto-Lilienthal-Weg 2

4R14