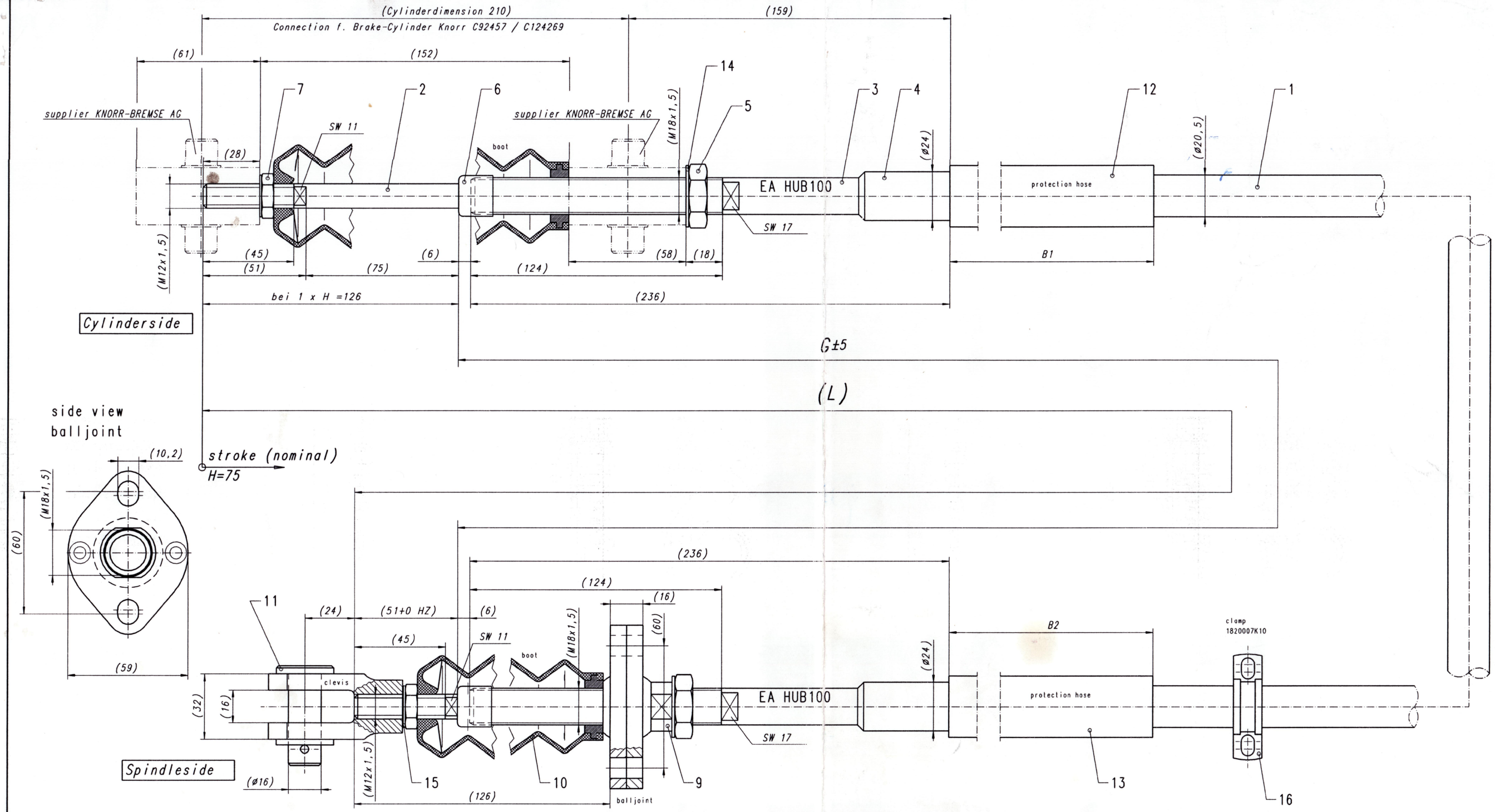

General description and inspection notes FLEXBALL Push-Pull Cable Type 125 :

Legende:
- G [mm] = Length sealing cap to sealing cap
- L [mm] = Total length (theor. sum up dimension)
- H [mm] = stroke (nominal)
- HZ [mm] = additional stroke for design related stroke loss (HZ = 0 at actuation installation position)
- HG [mm] = Total stroke of not installed actuation (HG=H+HZ)
- E [∅°] = installation position (total amount)
- VS [∅°] = preload, if 'E' > 180°; (min. VS = E - 180°)
- B [mm] = length of protection hoses
- X [St] = no. of fixation points

- Degree of efficiency a) for small loads up to 90% b) for high loads up to 97%
- Minimum lay radius: R=200mm
- Temperature resistant -55°C bis +100°C (Dytron +135°C)
- Maximum forces at stroke 60mm: push direction 5000 N / pull direction 11000 N

FLEXBALL-on the inside:
- Centralplate, outerrails, ballcages, balls are made from stainless steel
- No maintenance or lubrication necessary!

FLEXBALL-on the outside:
- Endfittings like conduit cap, threaded sleeve, threaded bolt, seal nut, hexagon nut are made from stainless steel
- Agraffe-conduit stainless steel, covered with Dytron (TPE)
- Other metall parts like clevis are galvanized
- Balljoint made from yellow brass

FLEXBALL Maintenance, during standard wagon inspection:
- Balljoint and clevis check possible damage
- Plastic boot, check possible damage for example brought about by stone-chipping
- Threaded bolts, balljoint and pins for clevis lubricatetd with > KLÜBER ISOFLEX TOPAS NCA5051 or NB5051 <

Mounting Instruction according to:
- KNORR-BREMSE AG > Drawing 2C64865/125
- DURA-Mounting Instruction > see file ...

Art.-Nr.:	Index	Customer-Nr.:	Index	G±5	(L)	H	HZ	HG	VS	E	B1	B2	B3	X	Remark
															4 achs. Reisezugwagen
1-6700002E01	00	--	-	4110	4287	75	0	75	90°	90°	1260	1100	--	2	Modell 61-4440 (2008)
1-6700001E01	00	--	-	5600	5777	75	0	75	90°	90°	950	1150	--	5	Modell 61-4440 (2008)

schreg 04.06.08

OAO WAGGONBAU TVER

Allgemeintoleranzen: General tolerances:
Kanten: Edges: DIN 6784
Oberflächenangaben: Surface finish: DIN ISO 1302

Diese Zchng. darf weder kopiert noch Dritten zugänglich gemacht werden. Gesetz betr. Urheberrecht.
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Eins.-Gew.: kg
Einzel-G.:
Fert.-Gew.: kg
Fertel.-G.:

Dat./Date: 29.05.08
Ges./Drawn: schrno
Gepr./Appr.: traste

DURA
DURA Industrial Daun
a division of DURA Automotive Systems GmbH
Julius-Sealer-Strasse 1
D-54550 Daun-Rengen

Nr. No. | Änderung Revision | Datum Date | Name

Benennung: /Title:
Flexball DZ125
EA100/100 H75

Zchngs.-Nr.: /Drawing no.:
1-6700800E01 00

Ers. für: Replac. for: DE05-201-G01 / 1-08/0038

Maßstab: Scale: 1:1
Hub: Travel:
Holzzeug/Werkstoff: Semipart/Meterial:
Rohteil-Nr.: Raw part no.:
Oberfläche: Surface:

Bestimmt: Spez. Steuerung: FLEX|6|SCCS18MN