
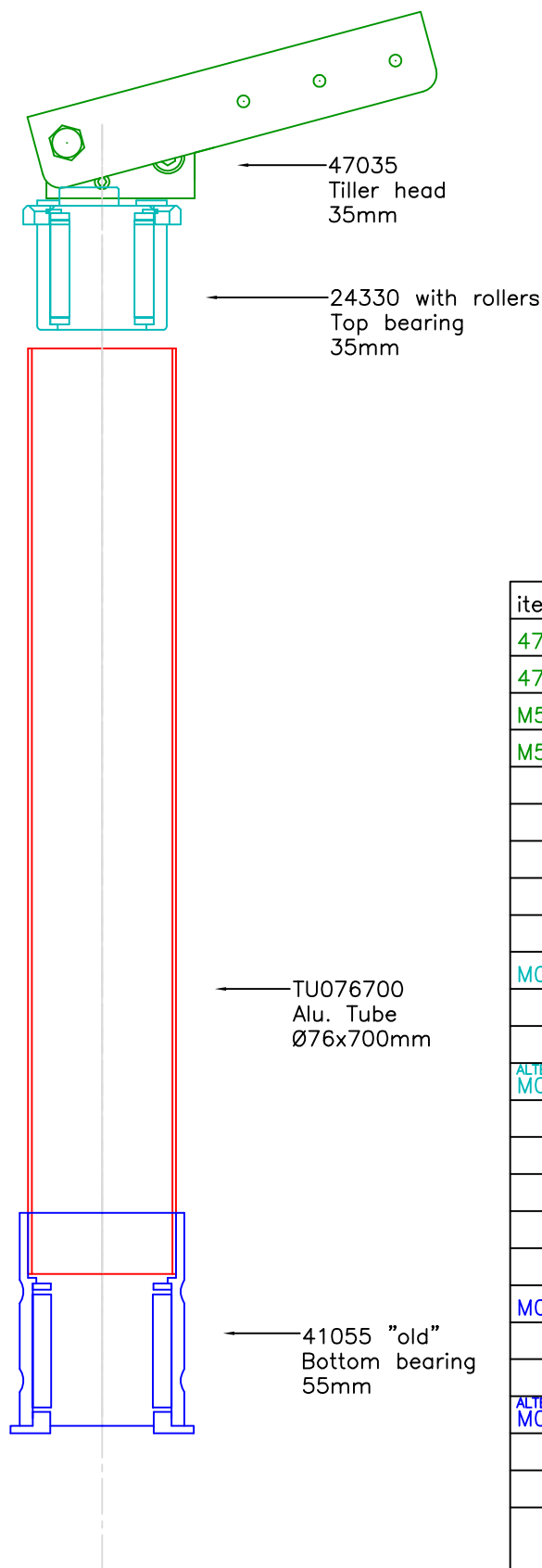


item no	Text	Quantity
47035U	U-profil for 47035, Stainless 316	1
47035K	Alu. block Ø35, black anodised	1
M56-204	Washer Ø12xØ24x1mm, Plast	2
M56-210	Shaft Ø10x94mm, stainless	1
24330	Not in production anymore	1
BU035	Bush Ø35 x Ø40 x 50mm, Nylon	1
BU055	Bush Ø55 x Ø72 x 80mm, PETP	1

Modify date	Project: X-99 from 1985 to 1992
Modify date	Rudder bearing spareparts
Modify date	Scale 1:4
Modify date	Date 2009-03-20
Modify date	Material —
Modify date	Drawing no. —
Modify date	Filename (dwg) —
Modify date	Drawn by J.F.


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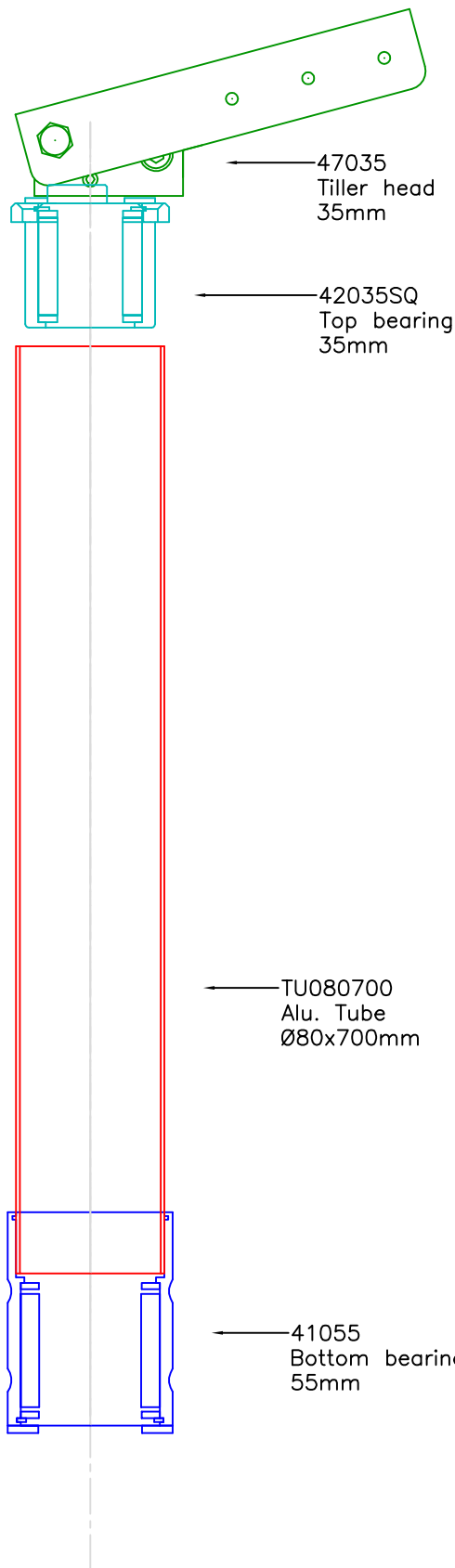


item no	Text	Quantity
47035U	U-profil for 47035, Stainless 316	1
47035K	Alu. block Ø35, black anodised	1
M56-204	Washer Ø12xØ24x1mm, Plast	2
M56-210	Shaft Ø10x94mm, stainless	1
	Washer not in production anymore	
	Lock-ring not in production anymore	
M01-201	Roller Ø8x44mm, Delrin	16
	Rollers M01-201 shall be used when the stock is the original dimension 34,92-35mm. Rollers M01-201 shall be used if the stock is worn down to 34,84-34,94mm	
ALTERNATIVE M01-202	Roller Ø8,05x44mm, Delrin	16
	Washer not in production anymore	
	Lock-ring not in production anymore	
M01-332	Roller Ø10x57mm, Delrin	20
	Rollers M01-332 shall be used when the stock is the original dimension 54,92-55mm. Rollers M01-333 shall be used if the stock is worn down to 54,84-54,94mm	
ALTERNATIVE M01-333	Roller Ø10,05x57mm, Delrin	20

Modify date	Project: X-99 from 1991 to 1996	
Modify date	Rudder bearing spareparts	
Modify date	Scale 1:4	Date 2009-03-20
Modify date	Material —	Drawing no. —
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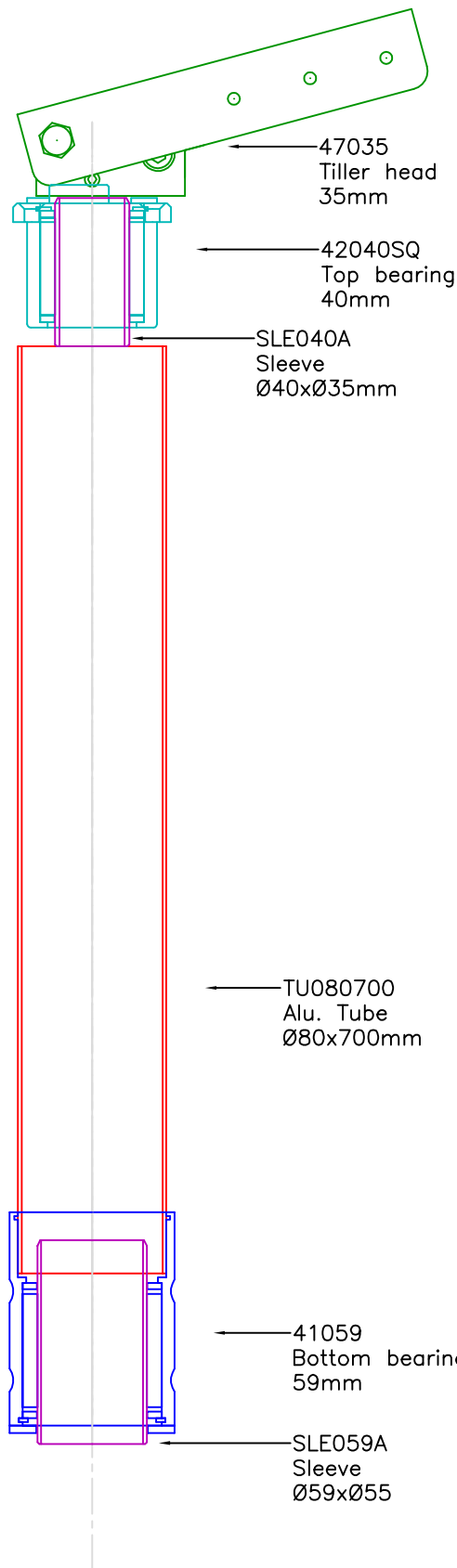


item no	Text	Quantity
47035U	U-profil for 47035, Stainless 316	1
47035K	Alu. block Ø35, black anodised	1
M56-204	Washer Ø12xØ24x1mm, Plast	2
M56-210	Shaft Ø10x94mm, stainless	1
M07-101	Washer Ø35,5xØ75x3mm, Delrin	1
M03-191	Lock-ring Ø59,5xØ46x1,75mm, Delrin	1
M05-101	L-ring Ø35,5xØ54,5mm, Delrin	2
M01-240	Roller Ø10,5x44mm, Delrin	13
	Rollers M01-240 shall be used when the stock is the original dimension 34,92-35mm. Rollers M01-241 shall be used if the stock is worn down to 34,84-34,94mm	
ALTERNATIVE M01-241	Roller Ø10,55x44mm, Delrin	13
M07-122	Washer Ø55,5xØ89x4,5mm, Delrin	1
M03-201	Lock-ring Ø78,5xØ61x1,75mm, Delrin	1
M05-140	L-ring Ø55,5xØ74,5mm, Delrin	2
M01-332	Roller Ø10x57mm, Delrin	20
	Rollers M01-332 shall be used when the stock is the original dimension 54,92-55mm. Rollers M01-333 shall be used if the stock is worn down to 54,84-54,94mm	
ALTERNATIVE M01-333	Roller Ø10,05x57mm, Delrin	20

Modify date	Project: X-99 from 1995 to 2005	
Modify date	Rudder bearing spareparts	
Modify date	Scale 1:4	Date 2009-03-20
Modify date	Material —	Drawing no. —
Modify date	Filename (dwg) —	
Modify date	Drawn by J.F.	—

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These parts shall be ordered, for an update:

item no	Rudder bearings, part list	Quantity
47035	Tiller head 35mm	1
42040SQ	Top bearing with stops, 40mm	1
SLE040A	Sleeve in alu. Ø40xØ35x80mm	1
TU080700	Alu. tube Ø80 x 700mm	1
41059	Bottom bearing 59mm	1
SLE059A	Sleeve in alu. Ø59xØ55x130mm	1

item no	Spare part list:	Quantity
47035U	U-profil for 47035, Stainless 316	1
47035K	Alu. block Ø35, black anodised	1
M56-204	Washer Ø12xØ24x1mm, Plast	2
M56-210	Shaft Ø10x94mm, stainless	1
M07-107	Washer Ø40,5xØ79x4,5mm, Delrin	1
M03-191	Lock-ring Ø59,5xØ46x1,75mm, Delrin	1
M05-107	L-ring Ø40,5xØ55,5mm, Delrin	2
M01-201	Roller Ø8x44mm, Delrin	18
	Rollers M01-201 shall be used when the sleeve is the original dimension 39,92-40mm. Rollers M01-202 shall be used if the sleeve is worn down to 39,84-39,94mm	
ALTERNATIVE M01-202	Roller Ø8,05x44mm, Delrin	18
M07-128	Washer Ø59,5xØ89x4,5mm, Delrin	1
M03-201	Lock-ring Ø78,5xØ61x1,75mm, Delrin	1
M05-149	L-ring Ø59,5xØ74,5mm, Delrin	2
M01-301	Roller Ø8x57mm, Delrin	27
	Rollers M01-301 shall be used when the sleeve is the original dimension 58,92-59mm. Rollers M01-302 shall be used if the sleeve is worn down to 58,84-58,94mm	
ALTERNATIVE M01-302	Roller Ø8,05x57mm, Delrin	27

Modify date	Project: X-99 Update from plain bearings	
Modify date	Rudder bearing spareparts	
Modify date	Scale 1:4	Date 2009-03-20
Modify date	Material —	Drawing no. —
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