

Aquafax



Inboard

Hydraulic steering system for a boat with an inboard engine with a maximum **111kgm (9652lbs.in.) rudder torque**

(System 4 - turns lock to lock = 6.5)

You will need the following:

- 1 x Inboard cylinder
- 1 x Helm pump
- 1 x 3/8" OD nylon tube at the required length
- 2 x litres of hydraulic oil
- 1 x Steering wheel

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System 4 (Turns lock to lock = 6.5)

Inboard Cylinder



4-48032



Model	4-48034 (UC215-I)
Material	Aluminium
Volume	215cc - 13.12 cu.in.
Torque	111kgm - 9652lbs.in
Output Force	682kg - 1503lbs
ID	40mm 1.57"
Stoke	228mm - 9"
Fittings	For 3/8" nylon tube or outboard hose kits

WARNING
For system requirement the rudder torque must be calculated using the formula on the Rudder Torque Calculation Information Sheet this will indicate which system number you require.

3/8" OD Nylon Tube



4-47070
Sold per metre

Alternative Outboard Hydraulic Hose Kits



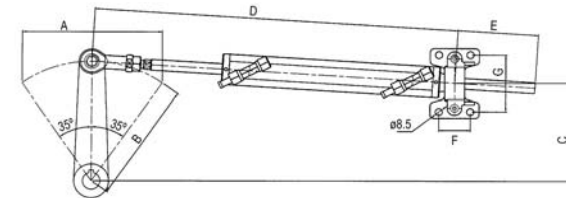
Hose kits are sold as pairs of hoses in increments of 0.50m from 0.50m to 9.00m

4-47027 = 0.50m	4-47036 = 5.00m
4-47028 = 1.00m	4-47037 = 5.50m
4-47029 = 1.50m	4-47038 = 6.00m
4-47030 = 2.00m	4-47039 = 6.50m
4-47031 = 2.50m	4-47040 = 7.00m
4-47032 = 3.00m	4-47041 = 7.50m
4-47033 = 3.50m	4-47042 = 8.00m
4-47034 = 4.00m	4-47043 = 8.50m
4-47035 = 4.50m	4-47044 = 9.00m

Application Guide

Max Boat Length	Hull Type	No. of Engines	Max Torque	Use System
13.4m (44ft)	Planing	1	Up to 111kgm 9652 lbs. in.	System 4 or 5
15.2m (50ft)	Planing	2	Up to 111kgm 9652 lbs. in.	System 5
11.6m (38ft)	Displacement	2	Up to 111kgm 9652 lbs. in.	System 4 or 5
13.4m (44ft)	Displacement	2	Up to 111kgm 9652 lbs. in.	System 5

A	228mm - 9"
B	199mm - 7.8"
C	163mm - 6.4"
D	587mm - 22.9"
E	132.5mm - 5.2"
F	40mm - 1.6"
G	105mm - 4.1"



Helm Pump

4-48010



Displacement = 33cc 7 pistons

Hydraulic Oil



4-47067 x 2

Steering Wheel



Various styles of steering wheels are available, please see the full Aquafax range.

4-VM24