

Aquafax



Hydraulic steering system for a boat with an inboard engine with a maximum 58kgm (5043lbs.in.) rudder torque

(System 1 - turns lock to lock = 4.1)

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 1
(Turns lock to lock = 4.1)

Inboard Cylinder



4-48031



Model	4-48031 (UC116-I)
Material	Aluminium
Volume	116cc - 7 cu.in.
Torque	57.8kgm - 5043lbs.in
Output Force	455kg - 1003lbs
ID	32mm 1.25"
Stroke	178mm - 7"
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



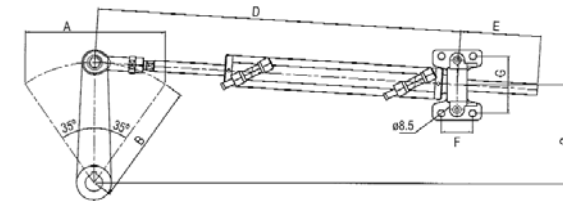
Hose kits are sold as pairs of hoses in increments of 0.50m from 0.50m to 9.00m

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
8.5m (28ft)	Planing/Displacement	1	Up to 58kgm 5043 lbs. in.	System 1
9.5m (31ft)	Planing/Displacement	2	Up to 58kgm 5043 lbs. in.	System 1

A	178mm - 7"
B	155mm - 6.1"
C	127mm - 5"
D	466mm - 18.3"
E	102mm - 4"
F	40mm - 1.6"
G	73mm - 2.9"



Helm Pump



4-48006



Displacement = 28cc 5 pistons

Hydraulic Oil



4-47067 x 2

Steering Wheel



4-VM24

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