



## Accessories for steering systems

### Dual non-return valve

This dual non-return valve block has to be installed when dual station steering is required and the pumps do not have integrated non-return valves. Alternatively, you can use two steering pumps with built-in non-return valves type HTPR. This is also the case when an electro-hydraulic pump needs to be installed when fitting an autopilot and the installed steering pumps do not have integrated non-return valves.

The connection kit must be ordered separately and is not included with the K30/140B.



**K30/140B**

Type	Description
K30/140B	Dual non-return valve block without fittings used with cylinders MTC3008 to MTC17510
KITK30	Connection kit, 8 mm, to be used with K30/140B and MTC3008
KITK52175	Connection kit, 10 mm, to be used with K30/140B and MTC5210 - MTC17510

**KITK30**

**KITK52175**



### By-pass valve

If a quick change-over to tiller steering has to be done in case of an emergency, installation of a by-pass valve is necessary.

Type	Tubing Ø (mm)
BYPASS8	8
BYPASS10	10



**BYPASS**

### Nylon hose

Suitable for cylinders MTC52-175.



**HHOSE**

Type	Internal Ø (mm)	External Ø (mm)	Length in rolls of (m)	Required connection parts
HS04N	6	8	15	HS1011S Sleeve insert (20 pieces)
HHOSE6015	6	10	15	HS145S Sleeve insert (20 pieces)
HHOSE6030	6	10	30	HS145S Sleeve insert (20 pieces)
HHOSE6050	6	10	50	HS145S Sleeve insert (20 pieces)
HHOSE6100	6	10	100	HS145S Sleeve insert (20 pieces)
HHOSE8015	8	12	15	HS1031MS (straight, set of 2 pieces) / HS1037MS (angled, set of 2 pieces)
HHOSE8030	8	12	30	HS1031MS (straight, set of 2 pieces) / HS1037MS (angled, set of 2 pieces)
HHOSE8050	8	12	50	HS1031MS (straight, set of 2 pieces) / HS1037MS (angled, set of 2 pieces)
HHOSE8100	8	12	100	HS1031MS (straight, set of 2 pieces) / HS1037MS (angled, set of 2 pieces)

### Copper tubing

Copper tubing is available per roll in two different sizes.

Type	Internal Ø (mm)	External Ø (mm)	Length (m)	Required connection parts
COPPER10	8	10	20	MTC810 Flexible hose tail set
COPPER18	15	18	10	N/A



**COPPER**

