



## Steering pumps

### HTP and HTPR

These hydraulic steering pumps are suitable for almost all steering wheels (see pages 284 - 288) and have a  $\varnothing \frac{3}{4}$ " shaft, tapered 1:12. Available in black or white.

#### Both types are supplied with

- Compression fittings (for the pressure lines) and a balance pipeline port
- Mounting studs, nuts and washers
- One vented and one un-vented filler plug

#### Type HTPR has in addition

- An integrated non-return valve with continuous air bleeding system
- An integrated pressure relief valve for protection against over pressurisation of the system



HTP..B

HTP

VETUS offers two different types of steering pumps

### Types HTP 20/30/42

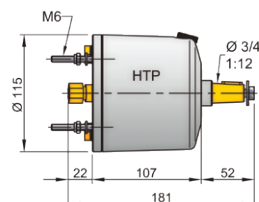
A steering pump without non-return valves.



HTP20

HTP30

HTP42



HTP

Steering pumps without non return valves

Type	Color	Tubing Ø (mm)	Capacity (cm³/rev.)	Number of pistons	Weight without valve (kg)	Min/Max. steering wheel diameter*
HTP2010	White	10	19,7	5	3,3	35/71 cm
HTP3010	White	10	30,0	5	3,3	35/71 cm
HTP4210	White	10	42,0	7	3,3	45/71 cm
HTP2010B	Black	10	19,7	5	3,3	35/71 cm
HTP3010B	Black	10	30,0	5	3,3	35/71 cm
HTP4210B	Black	10	42,0	7	3,3	45/71 cm

\* Smaller steering wheels may always be mounted, although this will increase steering effort.

### Type HTPR 20/30/42

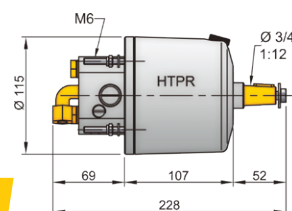
A steering pump with integrated non-return valve and pressure relief valves.



HTP20R

HTP30R

HTP42R



HTPR

Steering pumps with non return valves

Type	Color	Tubing Ø (mm)	Capacity (cm³/rev.)	Number of pistons	Weight without valve (kg)	Min/Max. steering wheel diameter*
HTP2010R	White	10	19,7	5	4,1	35/71 cm
HTP3010R	White	10	30,0	5	4,1	35/71 cm
HTP4210R	White	10	42,0	7	4,1	45/71 cm
HTP2010RB	Black	10	19,7	5	4,1	35/71 cm
HTP3010RB	Black	10	30,0	5	4,1	35/71 cm
HTP4210RB	Black	10	42,0	7	4,1	45/71 cm

\* Smaller steering wheels may always be mounted, although this will increase steering effort.