

Steering systems

Heavy Duty Steering systems

Type MT0230B / MT0345B / MT0455B / MT0600B / MT0900B / MT1200B

The best possible combination

Choosing the right combination of pump and cylinder can be a challenge. VETUS pumps and cylinders are fully compatible, enabling the builder and owner to choose the best combination of price and number of wheel turns lock to lock. The smaller the pump unit, the lower the price but also the higher the number of turns. However, the choice of cylinder is always determined by the rudder torque. Please see the tables below for determination of the wheel turns.

Specifications

- Available for single and dual station control
- Cylinders are supplied with flexible hose tails, bleed nipples (which accept a quick-release coupling for rapid bleeding) and a base plate with universal joint and a swiveling rod end
- Axial plunger pumps with seven plungers
- 1" (25 mm) diameter Stainless steel (AISI 316) steering wheel shaft (extra strong for large steering wheels)
- Cylinder and pump can be supplied separately

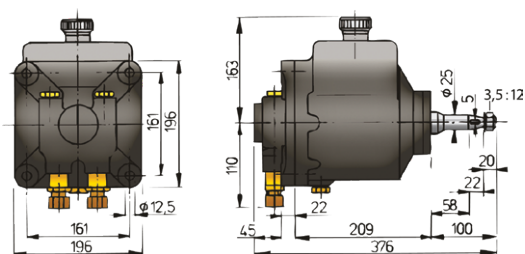


MTP151B

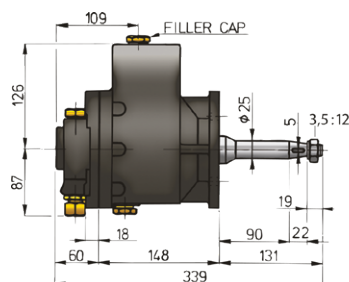


MTP191B

MTP089B



MTP151B
MTP191B



MTP089B

Specifications pump units	MTP089B	MTP151B	MTP191B
Capacity of pump unit	(5 ⁷ / ₁₆ cu.inch/rev) / 89 cm ³ /rev.	(9 ⁷ / ₃₂ cu.inch/rev) / 151 cm ³ /rev.	(11 ²¹ / ₃₂ cu.inch/rev) / 191 cm ³ /rev.
Number of pistons	7	7	7
Maximum pressure	63 kg/cm ² (6178 kPa) (896 lb/sq. inch)		
Dimensions of tubes	Ø 18 mm x 15 mm		
Connections	G 1/2 female pipe thread		
Weight of pump unit	20 lb (9.1 kg)	50.7 lb (23 kg)	50.7 lb (23 kg)
Min/Max steering wheel diameter*	25.5/39.7" (70/101 cm)	39.3/47.6" (100/121 cm)	39.3/47.6" (100/121 cm)

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

Cylinders



MT0230B

MT0345B

MT0455B

