

New type diaphragm pumps with increased discharge flow rate and improved maintainability

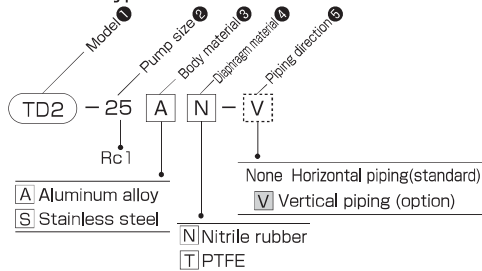
- Significantly increased discharge flow rate (higher by 25% compared to our conventional products)
- Wider range of piping direction
- Improved maintainability
- Use of cartridge type check valve
- Easily detachable bolt-on type air valve

Specifications

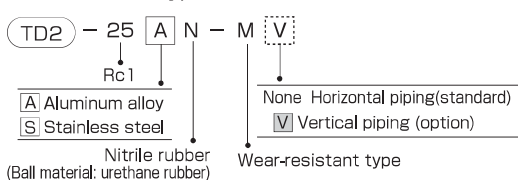
Model	Aluminum alloy	TD2-25AN	TD2-25AN-M(wear-resistant type)	TD2-25AT
	Stainless steel	TD2-25SN	TD2-25SN-M(wear-resistant type)	TD2-25ST
Max. discharge flow rate	Approx. 160 ℓ/min			
Max. working viscosity	3000 mPa · s			
Max. suction head	6 m max. (in the case of clear water) (PTFE type: 3 m max.)			
Working pressure range	0.2 to 0.7 MPa			
Working temperature range	0 to +60°C (No freezing)			
Pump size	Rc1			
Air supply port size	Rc3/8			
Range of diameter of solid particles in fluid	φ3mm or less			
Body material	Aluminum alloy/stainless steel			
Diaphragm material	Nitrile rubber	Nitrile rubber	PTFE	
Ball material	Nitrile rubber	Urethane rubber	PTFE	
Weight	Aluminum alloy: approx. 14 kg Stainless steel: approx. 25 kg			

How to Order When placing an order, specify the model number shown below. ☐ Semi-standard

Standard type

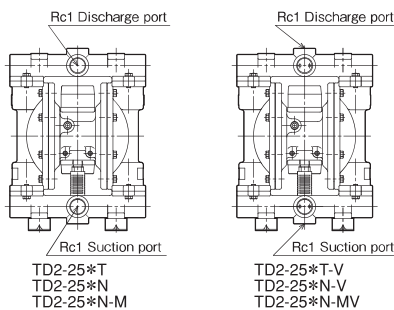


Wear-resistant type



Piping direction

- Horizontal piping(standard)
- Vertical piping(option)



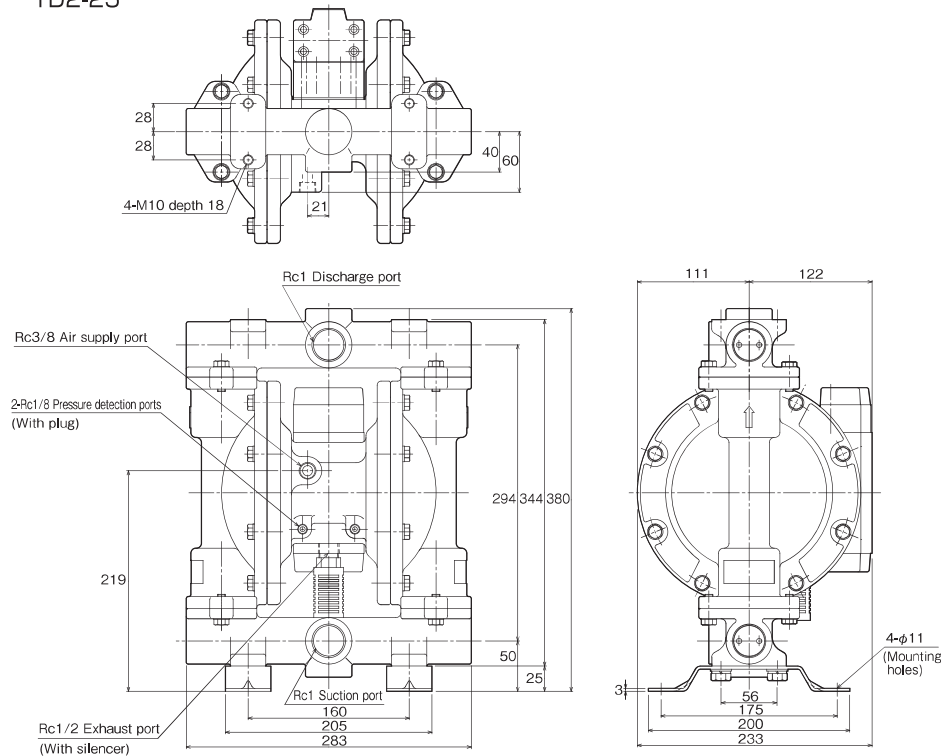
Unit: mm

TD2/TTD2A

CAD/DATA
is available.

Dimensional Drawings

TD2-25



Performance Curves

Note: These performance curves show the discharge flow rates with respect to clear water.
(Conditions: temperature 20°C, viscosity 1 mPa·s, specific gravity 1.0)
When a viscous liquid is used, the pump flow characteristics will be degraded. When selecting, see the Selection Materials.

