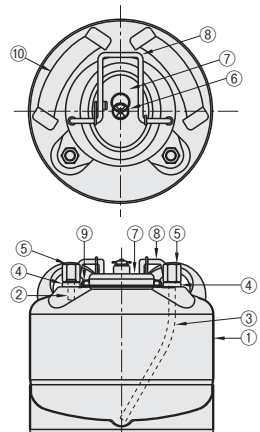
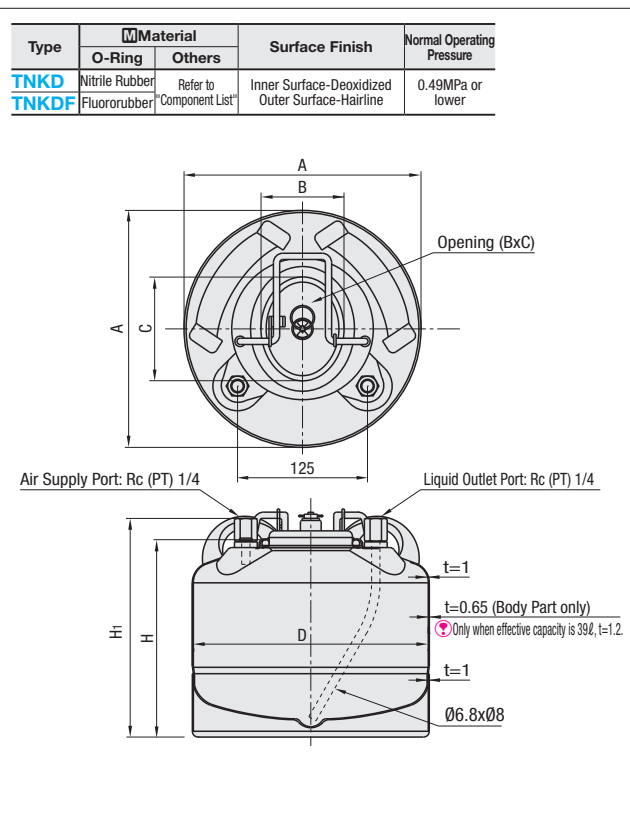


Pressure Tanks

Simplified Type

Pressure Tanks - Standard

Number of Holes Fixed/Selectable



Component List

Part No.	Part Name	Material
①	Pressure Tank Body	SUS304
②	Pressure Air Pipe	SUS304
③	Suction Pipe	SUS304
④	O-Ring	Nitrile Rubber
⑤	Hex Reducing Socket	SUS304
⑥	Relief Valve	SUS304
⑦	Lid for Pressure Tank	SUS304
⑧	Handle for Locking Lid	SUS304
⑨	O-Ring	Nitrile Rubber / Fluororubber
⑩	Carrying Handle	SUS304

Ⓜ Feature of Nitrile Rubber / Fluororubber P.391
Ⓜ Feature of O-Ring: P.1362

Type	Effective Capacity (ℓ)	At Full Capacity (ℓ)	I.D. D	Effective Capacity Depth H	H ₁	A	B	C	Weight (kg)	Unit Price
										Qty. 1 ~ 3
TNKD TNKDF	5	5.2	226.7	192	210	228	81	97	2	
	10	10.3		347	365				2.5	
	20	20.5		580	598				3.8	
	39	39.0		598	621				7.4	

Ordering Example
Part Number: **TNKD5**

Alterations Example
Part Number: **TNKD20** - (LG, FS)
Alteration: **LG-FS**

Alterations	Code	Spec.
Installation of Level Gauge	LG	<p>Install level gauge to provide visual view of the liquid level.</p> <p>Install level gauge at a position of 65mm from upper surface and 70mm from the bottom outside of the tank.</p> <p>Ⓜ TNKD5 and TNKDF5 are not applicable.</p> <p>Ⓜ For details of materials and others, see P.1362.</p>
Low Level Float Switch Installation	FS	<p>Install a switch to operate as alarm or signal of level of liquids such as water and oil. Switch will be turned on at a position of 41mm or lower from bottom of the tank.</p> <p>Ⓜ For details of Low Level Float Switches, see P.1372.</p>

Features: Standard pressure tank (1.6 ~ 11ℓ) to compress liquid and force feed. Can be used for vacuum de-foaming (decompression). Float switch is available as an alteration.



Type	Material		Surface Finish	Normal Operating Pressure	Effective Capacity (ℓ)	Weight (kg)			
	Main Body	Clamp				Lid	O-Ring	Main Body	Lid
TNKA	TNKAH	SUS304	Nitrile Rubber	0.5MPa or Lower	1.6	1.96	0.62	0.42	
TNKAH	TNKAH					2.2	2.45	0.8	0.75
TNKA	TNKAH	SUS304	Fluororubber	0.5MPa or Lower	2.2	3.13	1.42	0.95	
TNKA	TNKAH					4.4	3.77	2.18	1.05
TNKA	TNKAH	SUS304	Nitrile Rubber	0.5MPa or Lower	11	11.35	3.45	2.2	
TNKA	TNKAH					11	11.35	3.45	2.2

Ⓜ Feature of Nitrile Rubber / Fluororubber P.391 Ⓜ Feature of O-Ring: P.1362

Number of Holes Fixed Type: 3 Holes (4.4ℓ or less) **3 Holes (11ℓ)**

Lid (Number of Holes Fixed) 3 Holes **Lid (Number of Holes Selectable Type) 3 ~ 5 Holes**

Ⓜ Values in () are for effective capacity 11ℓ.
Ⓜ For detailed clamp dimensions, see P.1371.
Ⓜ Please read "Precautions for Use" and "Operating Instruction" on P.1362 before use.

Part Number	Type	Effective Capacity (ℓ)	Number of Holes Selection for Fixed Type	Number of Holes * Rc (PT) Selection Q, R, S, X, Y	At Full Capacity (ℓ)	I.D. D	Effective Capacity Depth H	At Full Capacity Depth H ₁	H ₂	T	h	O-Ring Size	Unit Price 1 ~ 3 pc(s).					
													Number of Holes Fixed Qty. 0	Number of Holes Selectable Type Qty. 3	Qty. 3	Qty. 4	Qty. 5	
TNKA TNKAH TNKAF TNKAFH	(O-Ring: Nitrile Rubber)	1.6	0	3	1(1/8)	1.7	95.6	230	250	270	8	4	G105					
		2.2	0	3	1(1/8)	2.4	108.3	250	270	290	8	4	G120					
		3.1	0	4	2(1/4)	3.4	133	230	250	273	10	5	G145					
		4.4	0	4	2(1/4)	4.8	158.4	230	250	275	10	5	G170					
		11	0	5	3(3/8)	11.8	208.3	330	350	377	12	5	G220					

Ⓜ To specify * marked Q, R, S, X and Y, use the numbers in front of (): 1, 2, 3.
Ⓜ Full capacity level is a theoretical value that is obtained by calculation (base area x H₁ depth). Use within the effective H depth (up to -20mm from upper surface).
Ⓜ <Reference> Effective Capacity (ℓ) = Radius cm (D/2/10) x Radius cm (D/2/10) x 3.14 x Depth at Effective Capacity cm (H/10)/ 1000 (At full capacity, H₁ is used as H)

Ordering Example
Part Number - Number of Holes - Q - R - S - X - Y

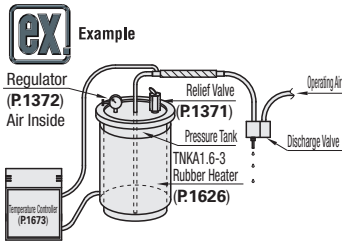
Number of Holes Fixed Type: 3 Holes
Number of Holes Selectable Type: 3 Holes
Number of Holes Selectable Type: 5 Holes

TNKA2.2 - 3
TNKAH3.1 - 3 - Q2 - R3 - S3
TNKAH4.4 - 5 - Q1 - R2 - S3 - X2 - Y2

Ⓜ For Number of Holes Selectable Type, choose between Q ~ Y according to the number of holes. Specify up to S for 3 holes, up to Y for 5 holes.

Alterations Example
Part Number - Number of Holes - Q - R - S - X - Y - (FS, AN)
TNKAH2.2 - 4 - Q2 - R2 - S3 - X3 - FS
TNKAF3.1 - 3 - FS - AN

Alterations	Code	Spec.
Low Level Float Switch Installation	FS	<p>Install a switch to operate as alarm or signal of level of liquids such as water and oil.</p> <p>Stem tip will be suspended at 10mm from bottom of Tanks.</p> <p>Ⓜ For details of Low Level Float Switches, see P.1372.</p>
Safety Function Type	AN	<p>Install Safety Cover and Support Angle.</p> <p>Ⓜ For details of features and dimensions, see overview page P.1362</p> <p>Ⓜ Applicable only to Number of Hole Fixed Type.</p>



Pump feed a material whose viscosity changes with surrounding temperature, while maintaining the viscosity constant by controlling the temperature.