

# TODO



## TODO® II Tank Units

Technical Sheets





## Flow Rates

The below chart details physical results of our gravity discharge testing. The table highlights the timing difference (in minutes) in two scenarios:

1. TODO® II Tank Unit coupled to TODO-MATIC® Hose Unit
2. TODO-MATIC® Tank Unit coupled to TODO-MATIC® Hose Unit

Results were recorded for 500 litre discharge and for full 1000 litre drain.

Size	Timing / mins			
	1000 to 500 litres		1000 litre Full Drain	
	TODO II & TODO-MATIC	TODO-MATIC	TODO II & TODO-MATIC	TODO-MATIC
1 inch	12:50	18:47	34:20	54:36
2 inch	04:55	07:12	15:46	21:46
2.5 inch	01:54	02:06	05:32	06:08
3 inch	01:32	01:44	04:24	05:06
4 inch	00:47	00:48	02:38	03:14
6 inch	<b>Comparable</b>			

Table 1 – Timing Result of Gravity Discharge Testing.

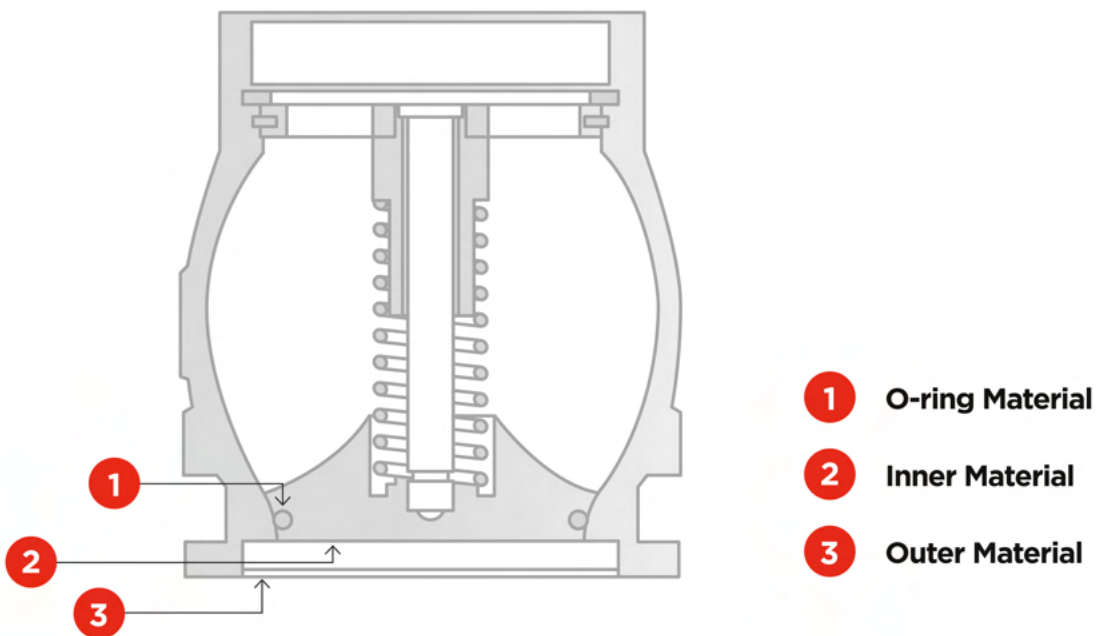
Size	Time reduction (mins / secs)	% Improvement
1 inch	05:57	32%
2 inch	02:17	32%
2.5 inch	00:12	10%
3 inch	00:12	12%
4 inch	00:01	3%
6 inch	<b>Comparable</b>	

Table 2 – Time Reduction and Percentage Difference between TODO® II and TODO-MATIC® Tank Units.



Size	Material	Connection	Weight		Overall Length		Widest Diameter	
			TODO-MATIC	TODO II	TODO-MATIC	TODO II	TODO-MATIC	TODO II
1 inch	Aluminium	NPT	0.3 kg	0.3 kg	91 mm	89 mm	56 mm	56 mm
1 inch	Stainless Steel	NPT	0.7 kg	0.7 kg	91 mm	89 mm	56 mm	56 mm
2 inch	Aluminium	NPT	0.4 kg	0.5 kg	100 mm	98 mm	79 mm	75 mm
2 inch	Stainless Steel	NPT	1.8 kg	1.2 kg	100 mm	98 mm	79 mm	75 mm
2.5 inch	Aluminium	NPT	1.6 kg	1.1 kg	162 mm	130 mm	110 mm	108 mm
2.5 inch	Stainless Steel	NPT	3.0 kg	2.8 kg	162 mm	130 mm	110 mm	108 mm
3 inch	Aluminium	NPT	1.2 kg	1.4 kg	144 mm	136 mm	119 mm	119 mm
3 inch	Stainless Steel	NPT	4.0 kg	3.4 kg	144 mm	136 mm	119 mm	119 mm
4 inch	Aluminium	NPT	3.3 kg	3.3 kg	172 mm	173 mm	173 mm	164 mm
4 inch	Stainless Steel	NPT	7.3 kg	8.0 kg	172 mm	173 mm	173 mm	164 mm
6 inch	Aluminium	NPT	10.7 kg	10.7 kg	239 mm	250 mm	238 mm	238 mm
6 inch	Stainless Steel	NPT	25.0 kg	20.6 kg	239 mm	250 mm	238 mm	238 mm

Table 3 – Weight and Dimensional Differences – TODO® II v TODO-MATIC®.



Core Unit Features				Connection Features					Revision
TT3				02					
Tank Unit 3"				Female NPT					
Core Unit Features				Connection Features					Revision
Unit Type		Unit Size		Connection Type			Connection Size		Revision
Variation	Designation	Variation	Designation	Connection	Variation	Designation	Variation	Designation	Revision
Tank Unit	TT	1"	1	BSP	Female	00	0.5 Inch	Z	A
		2"	2		Male	01	0.75 Inch	Y	B
		2.5"	25	NPT	Female	02	1 Inch	X	C
		3"	3		Male	03	1.25 Inch	W	D
		4"	4	ANSI Class 150	Type A	04	1.5 Inch	V	E
		6"	6		Type B	05	2 Inch	U	F
					Type E	06	2.5 Inch	T	
					Type F	07	3 Inch	R	
					Type CL	08	4 Inch	Q	
					Type CS	09	6 Inch	P	
					Type J	10	Special	S	
					Type DL	11			
					Type DS	12			
					Dovetail	13			
					Special	14			
					Type A	15			
					Type B	16			
					Type E	17			
				Type F	18				
				Type CL	19				
				Type CS	20				
				Type J	21				
				Type DL	22				
				Type DS	23				
				Dovetail	24				
				Special	25				
				Type A	26				
				Type B	27				
				Type C	28				
				Type D	29				
				Type E	30				
				Type F	31				
				Type G	32				
				Type H	33				
				Dovetail	34				
				Type B21	35				
				Special	36				
				Type A	37				
				Type B	38				
				Type C	39				
				Type D	40				
				Type E	41				
				Type F	42				
				Type G	43				
				Type H	44				
				Dovetail	45				
				Type B21	46				
				Special	47				
				TTMA	-				48
				TW1	-				49
				TW3	-				50
				Undrilled	-				51
				PN6	-				52
				W2-7	-				53
				Special	-				54

Note: This field is not used if the connection size matches the hose unit size



Options			Materials					
5S			4407					
PEV			Tank Unit 3" Female NPT PEV SS Internals and Body, Viton Seals					
Options			Materials					
Options - if not offered / alternative to standard			Body Material		Inner Material		Seal Material	
Option	Variation	Designation	Material	Designation	Material	Designation	Material	Designation
PEV	-	5S	1	Aluminium	1	Aluminium	06	NBR 70 Shore
Grease Free	-	13S	4	Stainless Steel	4	Stainless Steel	07	Viton 70 Shore

08	EPDM
09	PTFE
14	Kalrez 6375
17	FMVQ
23	Chemraz 505
28	EPDM Peroxide Cured
36	NBR 90 Shore
37	Viton 90 Shore
38	EPDM 90 Shore
46	NBR FDA Approved
47	Viton FDA approved
48	EPDM FDA Approved
51	FKM 90 V1895
56	FKM 70 LT170

# TODO® II Tank Units

## The Next Generation of TODO®



“ WHEN I LOOK TO BUY A  
DRY-BREAK® VALVE FOR MY  
PROJECT – I ASK FOR A TODO® ”



## Certificates and Standards

**TODO® II Tank Units are certified to and adhere by the following standards:**

- 2014/68/EU – Pressure Equipment Directive
- 2010/35/EU – Transportable Pressure Equipment Directive
- 2014/34/EU – ATEX
- VdTÜV under test approval mark TÜ.AGG.162-93 towards ADR, RID, MDG and TA-Luft classifications
- ISO 9001:2015
- ISO 14001:2015

**TODO**