

## Weldless Steel Tanks for Hydraulic Power Units





## Weldless Steel Tanks for Hydraulic Power Units

### Table of Contents

	Page No.
Overview.....	4
Steel Tanks 6 Lt. Type A ( 1,6 Gallon) Dimensional Data .....	5
Steel Tanks 6 Lt. Type B ( 1,6 Gallon) Dimensional Data .....	6
Steel Tanks 12 Lt. Type A ( 3,2 Gallon) Dimensional Data .....	7
Steel Tanks 12 Lt. Type B ( 3,2 Gallon) Dimensional Data .....	8
Steel Tanks 25 Lt. ( 6,6 Gallon) Dimensional Data .....	9
Steel Tanks 40 Lt. ( 10,6 Gallon) Dimensional Data .....	10
Steel Tanks 70 Lt. Type A ( 18,5 Gallon) Dimensional Data .....	11
Steel Tanks 70 Lt. Type B ( 18,5 Gallon) Dimensional Data .....	12
Steel Tanks 70 Lt. Type C ( 18,5 Gallon) Dimensional Data .....	13
Steel Tanks 100 Lt. Type A ( 26,4 Gallon) Dimensional Data .....	14
Steel Tanks 100 Lt. Type B ( 26,4 Gallon) Dimensional Data .....	15
Steel Tanks 100 Lt. Type C ( 26,4 Gallon) Dimensional Data .....	16
Steel Tanks 160 Lt. Type A ( 42,3 Gallon) Dimensional Data .....	17
Steel Tanks 160 Lt. Type B ( 42,3 Gallon) Dimensional Data .....	18
Steel Tanks 160 Lt. Type C ( 42,3 Gallon) Dimensional Data .....	19
Steel Tanks 250 Lt. Type A ( 66,0 Gallon) Dimensional Data .....	20
Steel Tanks 250 Lt. Type B ( 66,0 Gallon) Dimensional Data .....	21
Steel Tanks 250 Lt. Type C ( 66,0 Gallon) Dimensional Data .....	22
Weights Chart.....	23
Lid Layout Dimensions for Bellhousing .....	24
Price list .....	25-28



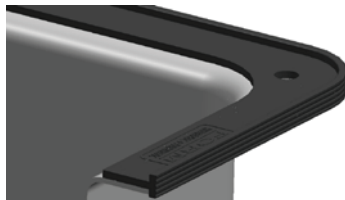
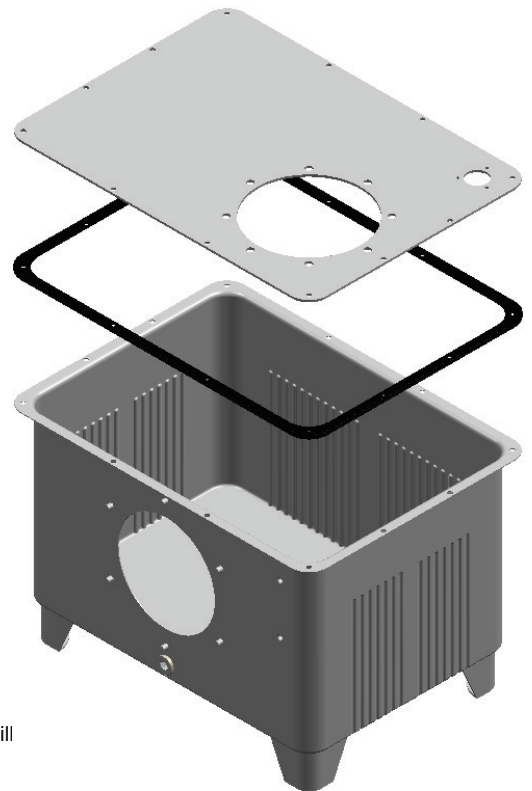
## Steel Tanks for Hydraulic Power Units Overview

### Weldless Steel Tanks

**FLOWFIT** offers a complete line of hydraulic tanks and tanks accessories for fluid power transmission applications. The line includes Weldless Steel tanks complete lids, sealing gaskets, legs and associated parts for tanks including a complete line of oil level gauges, bellhousings, filler breather etc... for routing hydraulic lines directly into the tank.

#### WELDLESS SHEET METAL OIL TANK FEATURES

- All FLOWFIT Weldless Steel Tank bodies are skillfully fabricated from high strength cold rolled steel plate and sheet.
- Produced by the deep drawing method of forming the body of the tank without the use of welding in all circumstances guarantee 100% leak
- Hydraulic Power Unit with a capacity of eight different applications respond to a large part,
- Light weight and high strength weldless sheet metal tank body,
- Tank body with electrostatic epoxy-polyester powder paint (Phosphate-coated on the surface) and the high strength obtained by painting the surface quality and protection. (standard color RAL 5007 Brillant blue)
- Assembled as an oil level indicator (option), Tank can be installed over the drain plug (standard) shipping,
- Lid - Tank is an integrated view after assembly to give the vibration damping and sealing gasket feature (NBR 70)
- Lid - Standard colour RAL 9005



- + Traps oil leaks prevents spill
- + Reduces noise
- + Absorbs vibration
- + Compatible with most fluids
- + Simplifies assembly

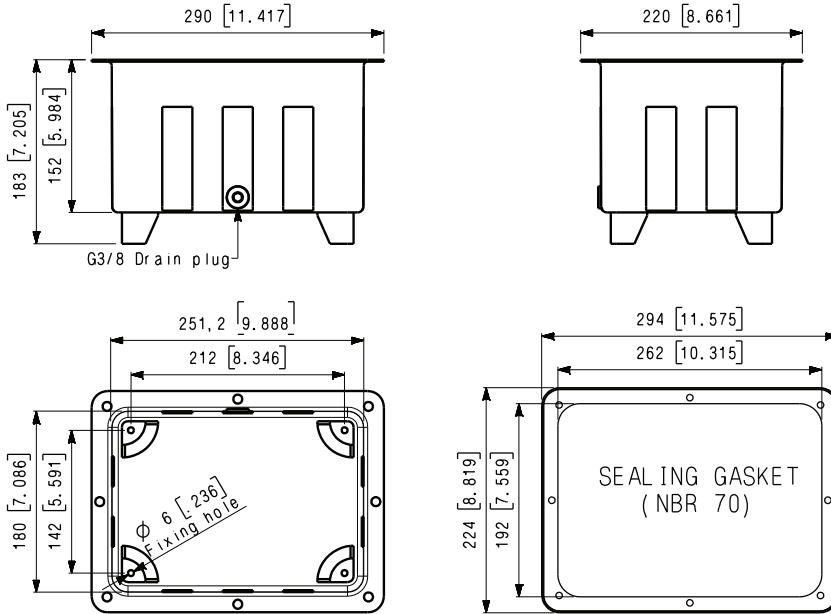
- Different tank lid designs available upon request, please always ask.
- Its strength, light weight, compact design, with the advantage of immediate delivery from stock at unbeatable price



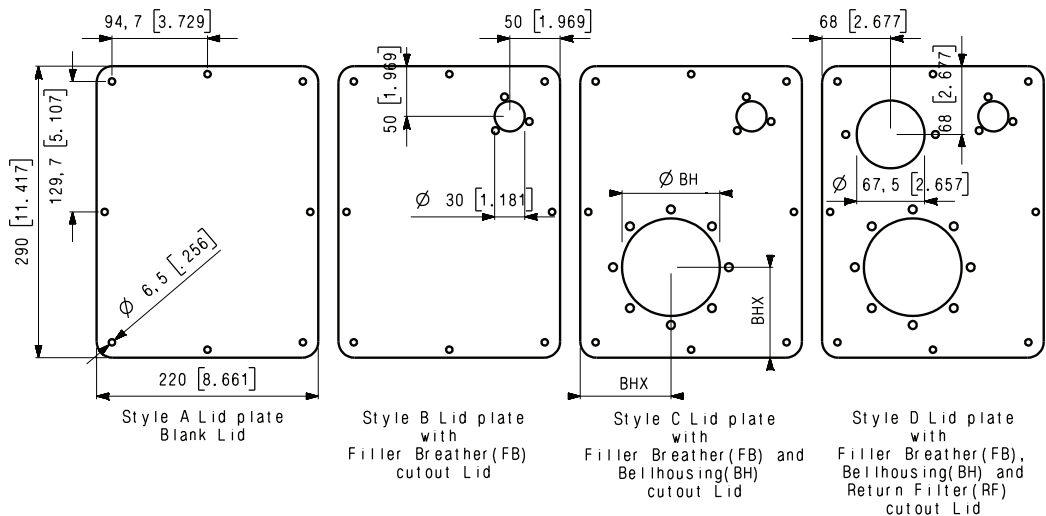
## Steel Tanks for Hydraulic Power Units 6 Litre Type A Dimensional Data

### Weldless Steel Tank 6 Litre Type A (1,6 Gallon)

mm [ in ]



### Lid 6 Litre (1,6 Gallon)



See page 25 for price list

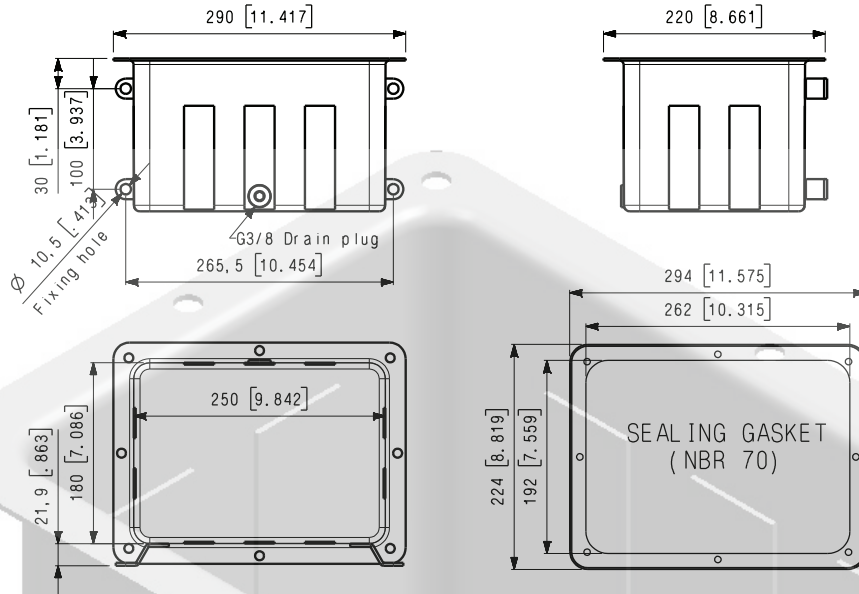
FLOWFIT reserves the right to change specifications and information without notice.



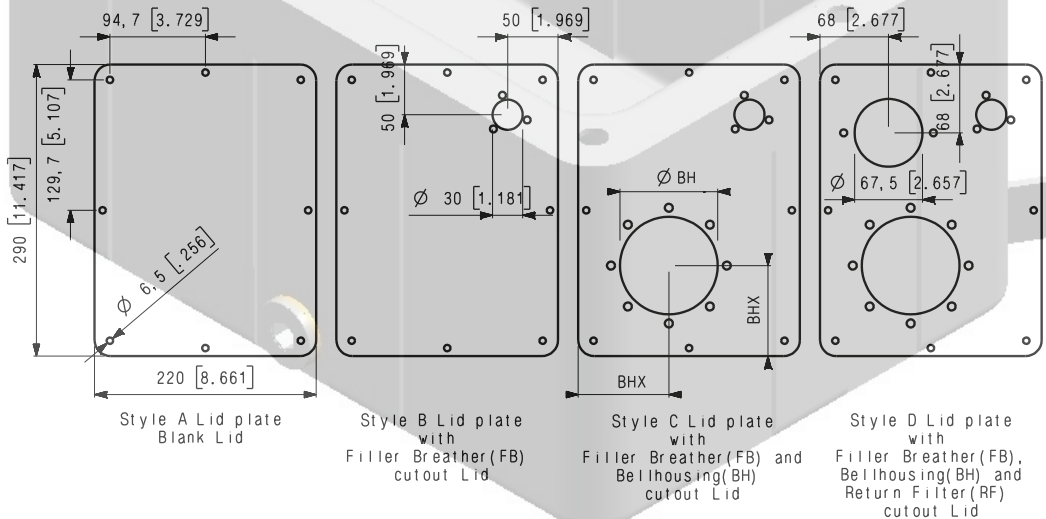
## Steel Tanks for Hydraulic Power Units 6 Litre Type B Dimensional Data

Weldless Steel Tank 6 Litre Type B (1,6 Gallon)

mm [in]



Lid 6 Litre (1,6 Gallon)



See page 25 for price list

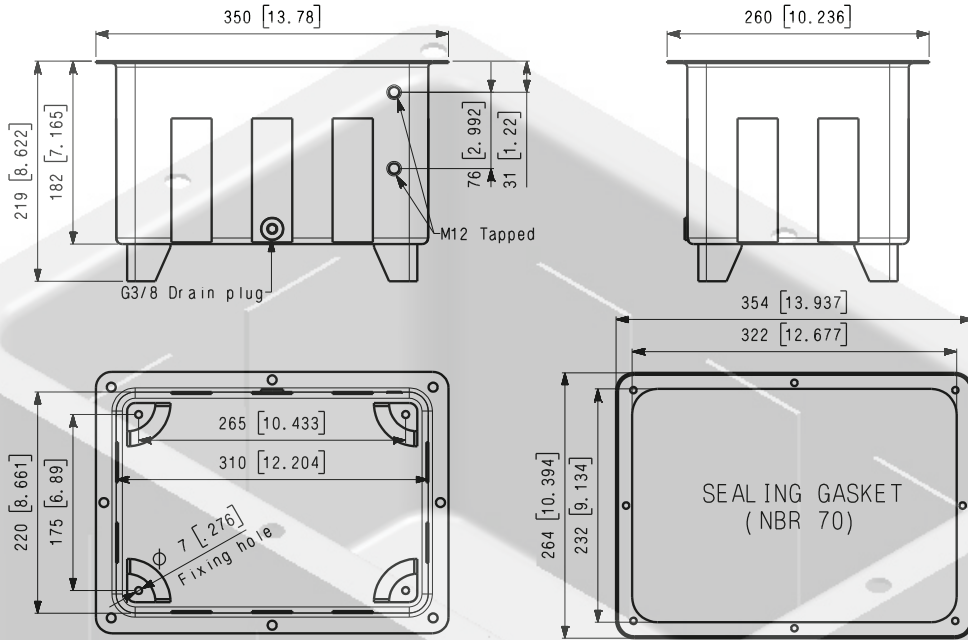
FLOWFIT reserves the right to change specifications and information without notice.



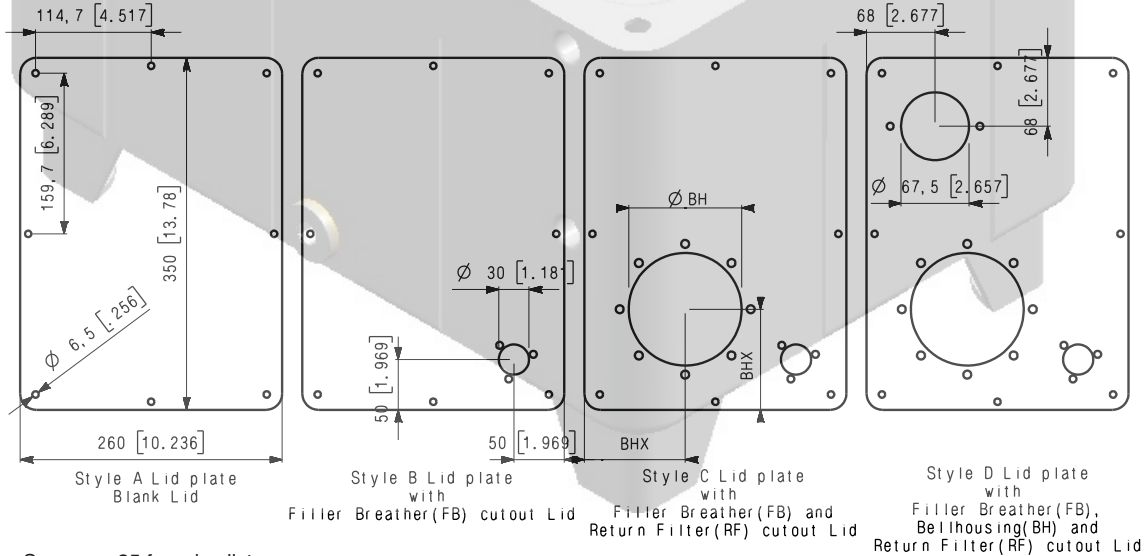
## Steel Tanks for Hydraulic Power Units 12 Litre Type A Dimensional Data

### Weldless Steel Tank 12 Litre Type A (3,2 Gallon)

mm [ in ]



### Lid 12 Litre (3,2 Gallon)



See page 25 for price list

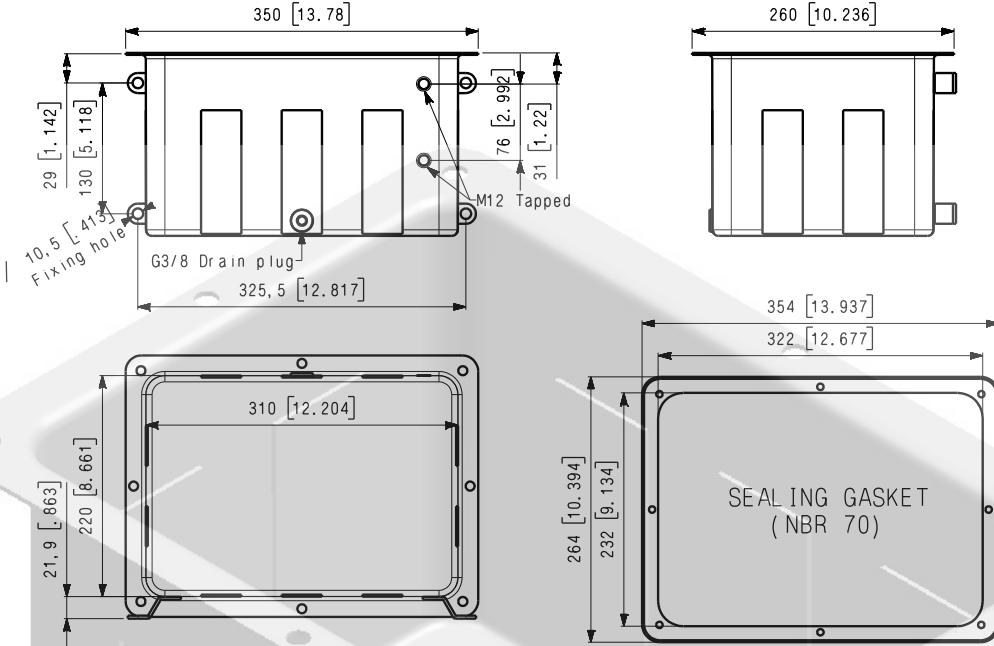
FLOWFIT reserves the right to change specifications and information without notice.



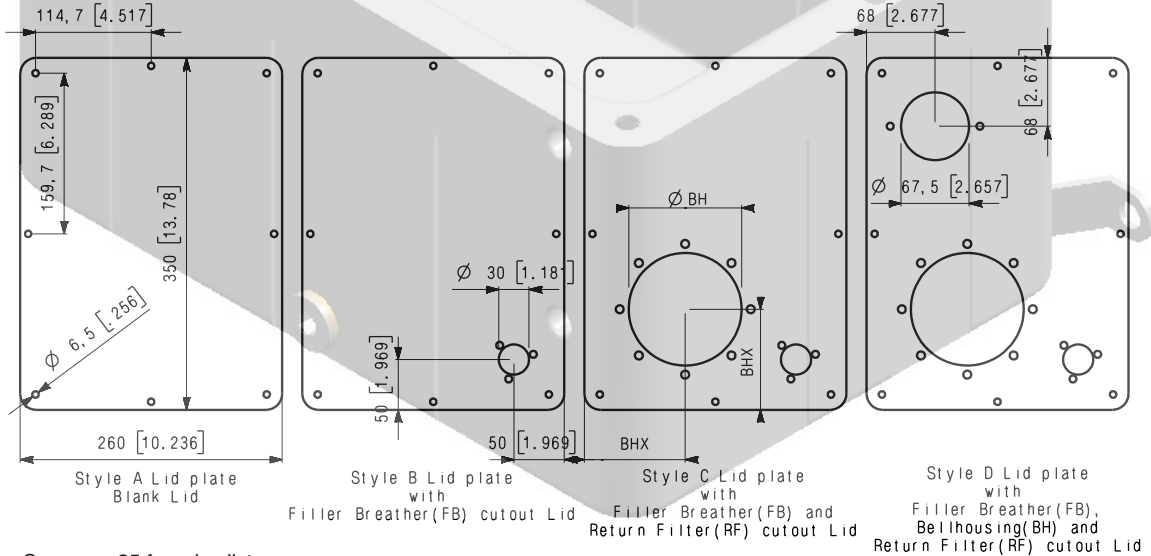
## Steel Tanks for Hydraulic Power Units 12 Litre Type B Dimensional Data

### Weldless Steel Tank 12 Litre Type B (3,2 Gallon)

mm [in ]



### Lid 12 Litre (3,2 Gallon)



See page 25 for price list

FLOWFIT reserves the right to change specifications and information without notice.

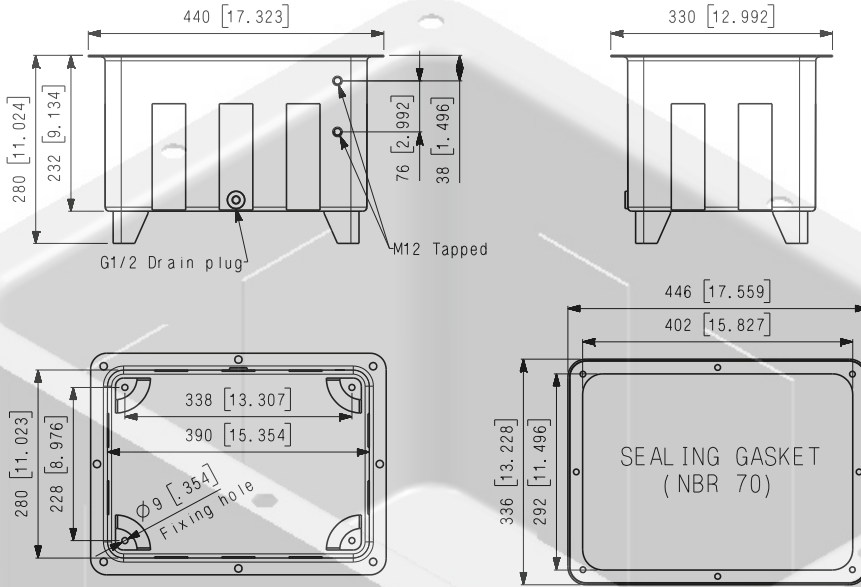
# FLOWFIT® TECHNICAL DATA SHEET



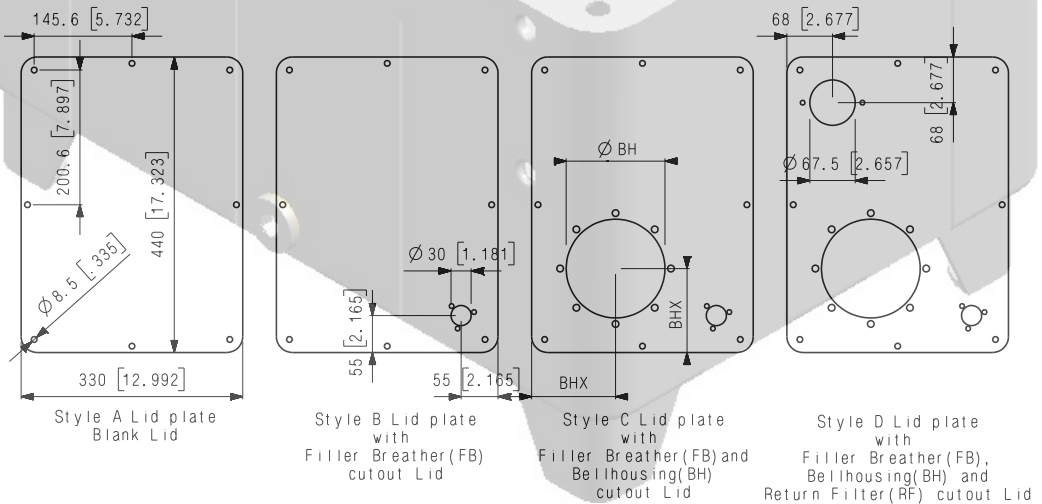
## Steel Tanks for Hydraulic Power Units 25 Litre Dimensional Data

### Weldless Steel Tank 25 Litre (6,6 Gallon)

mm [ in ]



### Lid 25 Litre (6,6 Gallon)



See page 25 for price list

FLOWFIT reserves the right to change specifications and information without notice.



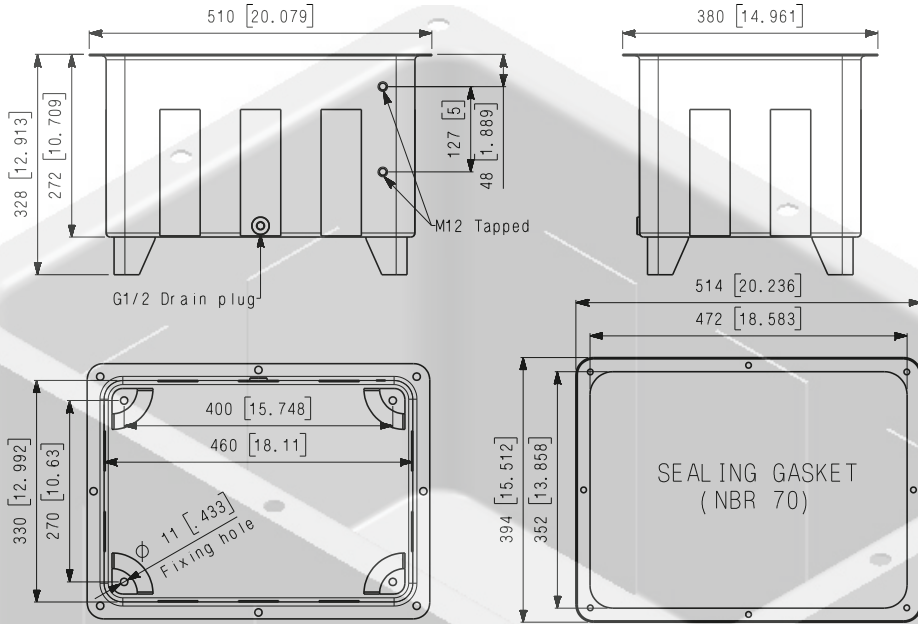
# FLOWFIT® TECHNICAL DATA SHEET



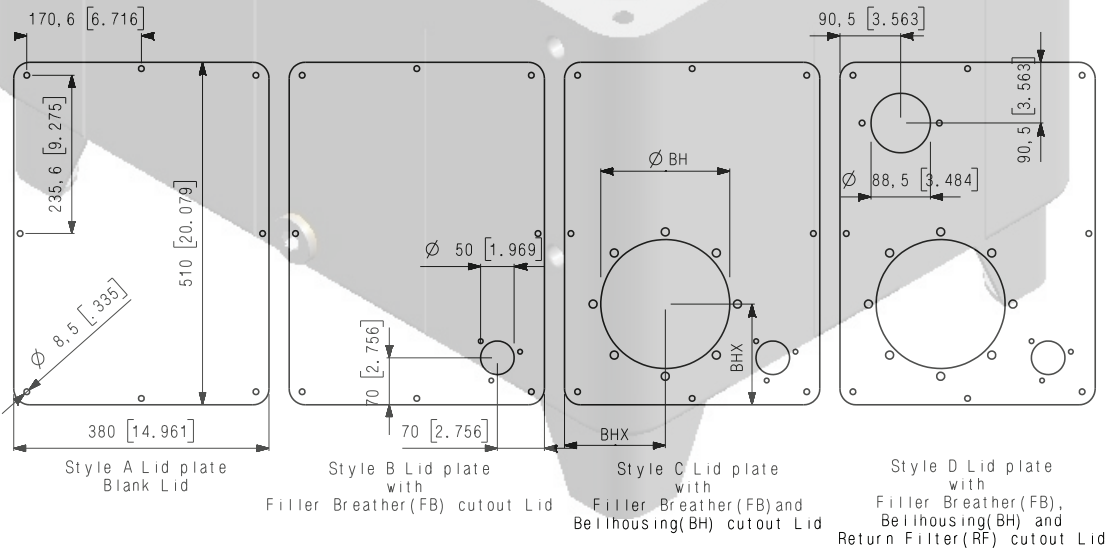
## Steel Tanks for Hydraulic Power Units 40 Litre Dimensional Data

### Weldless Steel Tank 40 Litre (10,6 Gallon)

mm [in ]



### Lid 40 Litre (10,6 Gallon)



See page 25 for price list

FLOWFIT reserves the right to change specifications and information without notice.

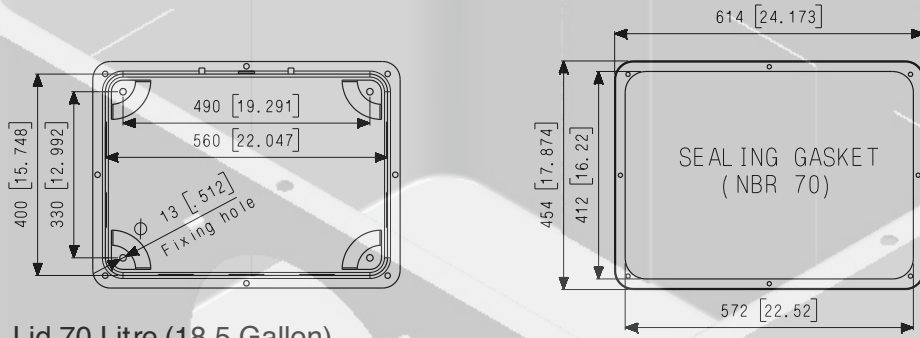
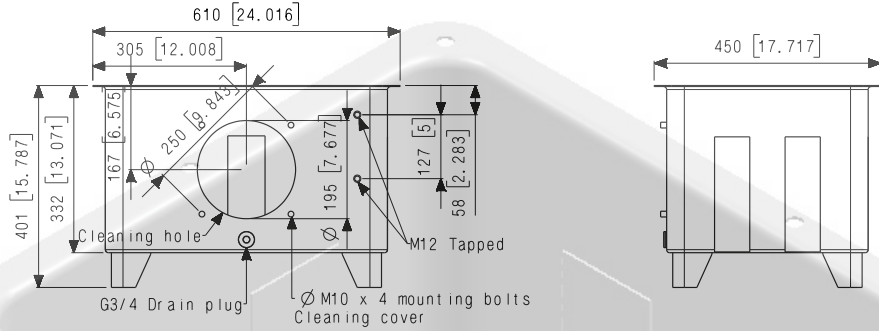
# FLOWFIT® TECHNICAL DATA SHEET



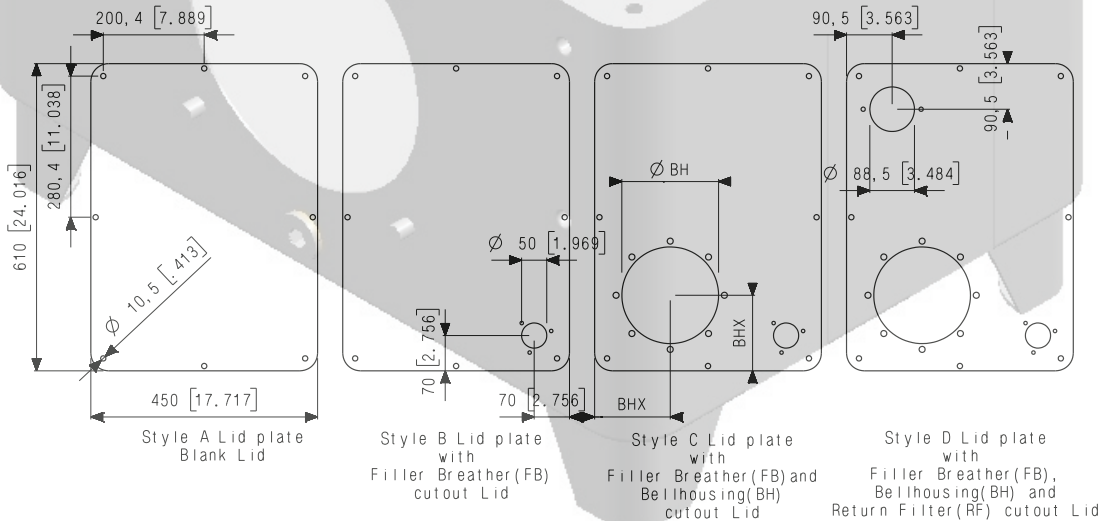
## Steel Tanks for Hydraulic Power Units 70 Litre Type A Dimensional Data

### Weldless Steel Tank 70 Litre Type A (18,5 Gallon)

mm [in ]



### Lid 70 Litre (18,5 Gallon)



See page 26 for price list

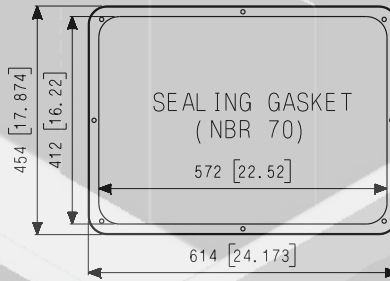
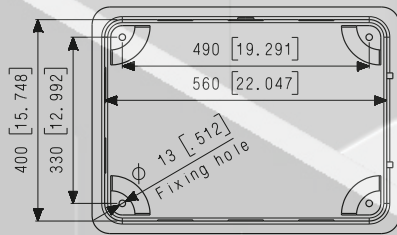
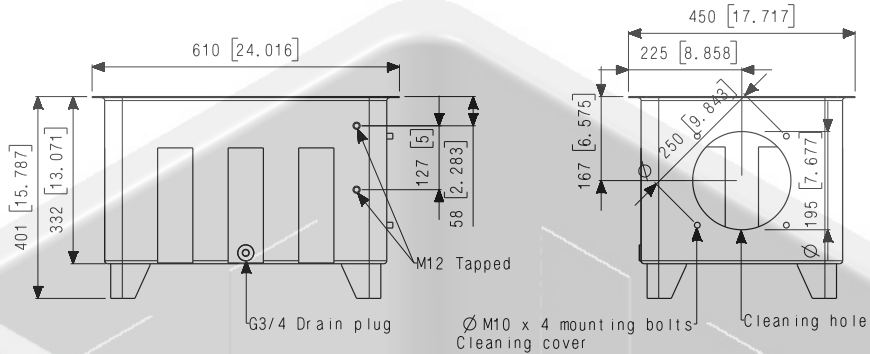
FLOWFIT reserves the right to change specifications and information without notice.



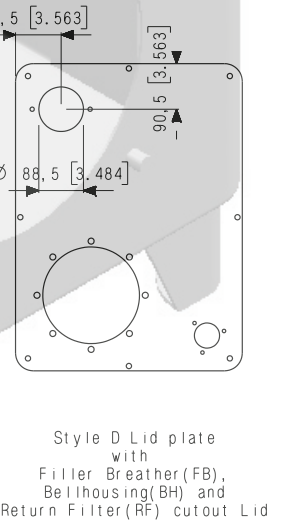
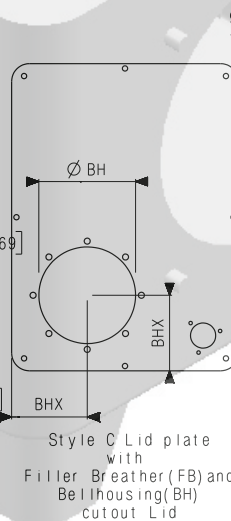
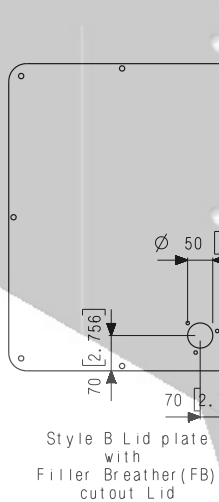
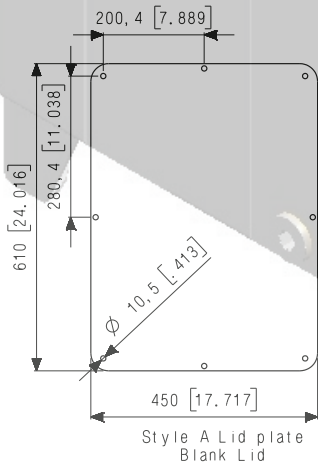
## Steel Tanks for Hydraulic Power Units 70 Litre Type B Dimensional Data

Weldless Steel Tank 70 Litre Type B (18,5 Gallon)

mm [in]



Lid 70 Litre (18,5 Gallon)



See page 26 for price list

FLOWFIT reserves the right to change specifications and information without notice.

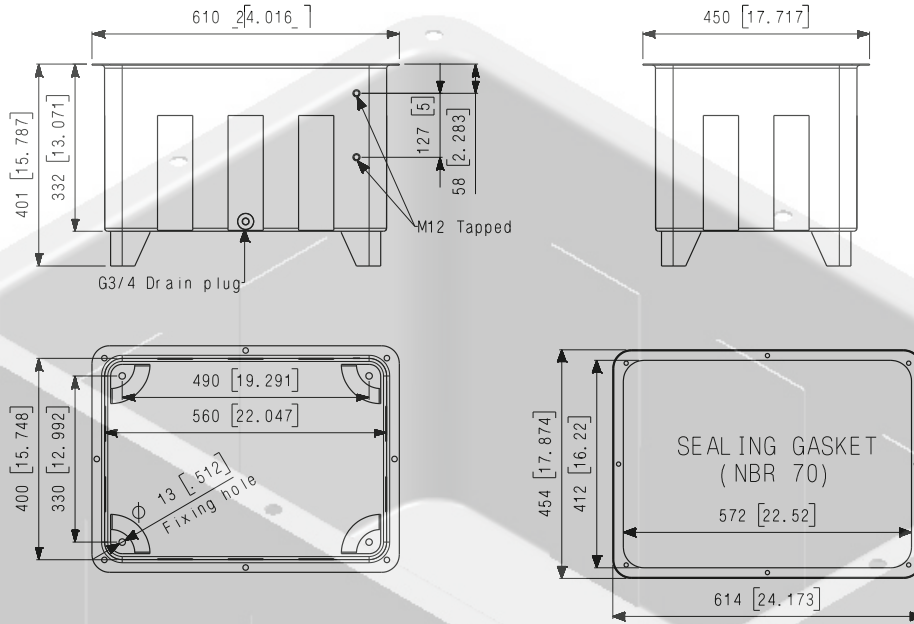
# FLOWFIT® TECHNICAL DATA SHEET



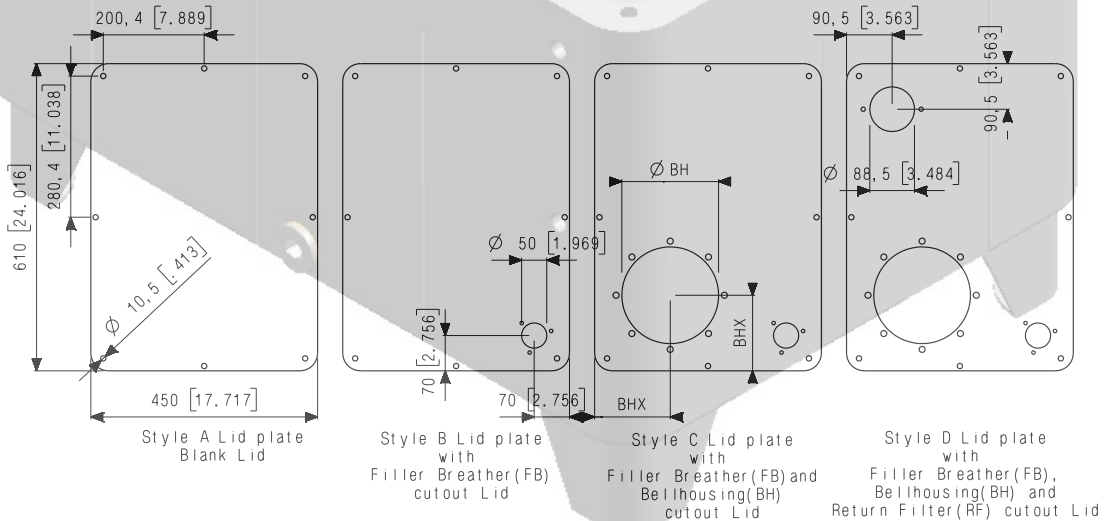
## Steel Tanks for Hydraulic Power Units 70 Litre Type C Dimensional Data

### Weldless Steel Tank 70 Litre Type C (18,5 Gallon)

mm [in]



### Lid 70 Litre (18,5 Gallon)



See page 26 for price list

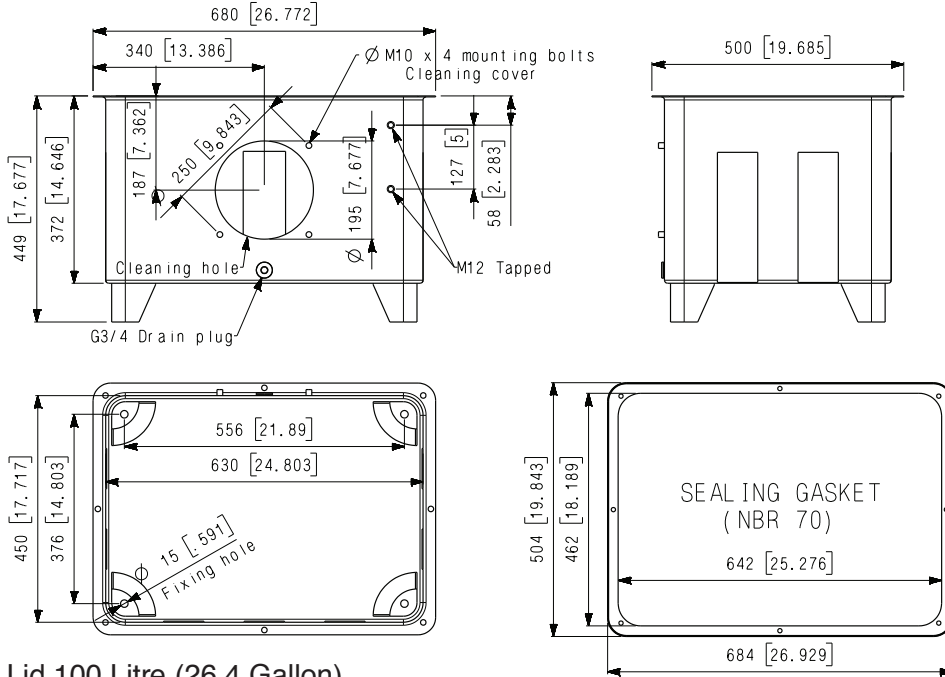
FLOWFIT reserves the right to change specifications and information without notice.



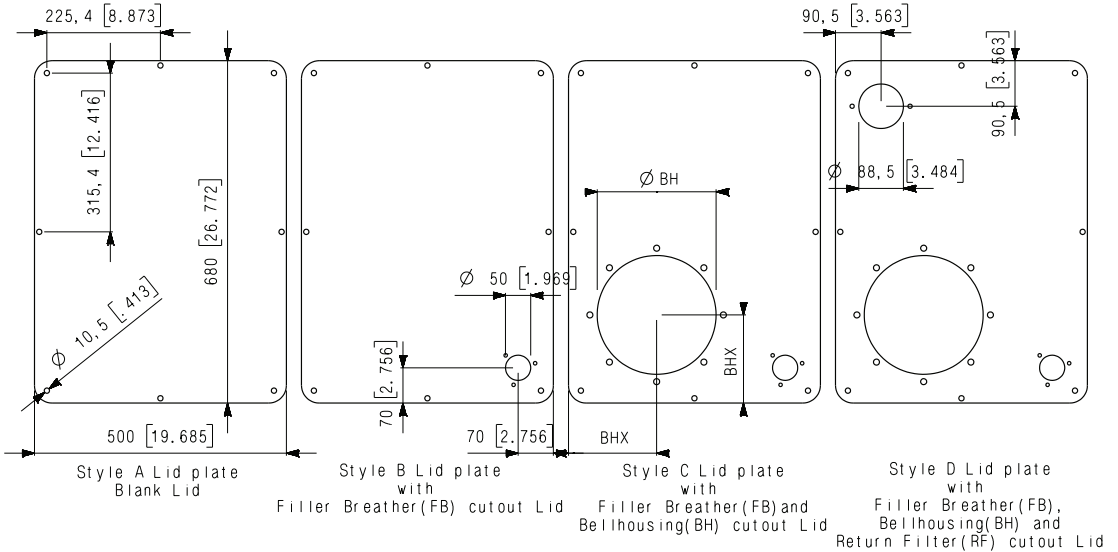
## Steel Tanks for Hydraulic Power Units 100 Litre Type A Dimensional Data

### Weldless Steel Tank 100 Litre Type A (26,4 Gallon)

mm [in ]



### Lid 100 Litre (26,4 Gallon)



See page 27 for price list

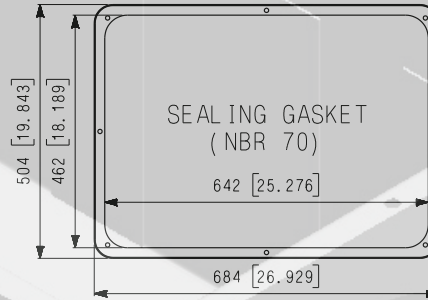
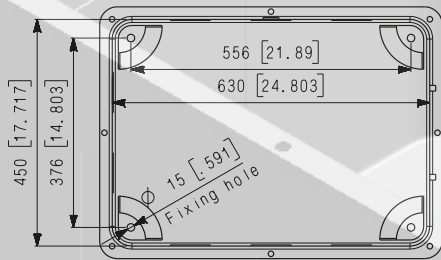
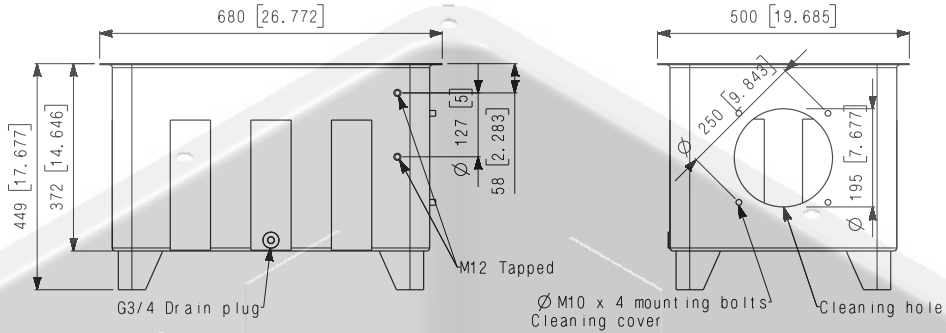
FLOWFIT reserves the right to change specifications and information without notice.



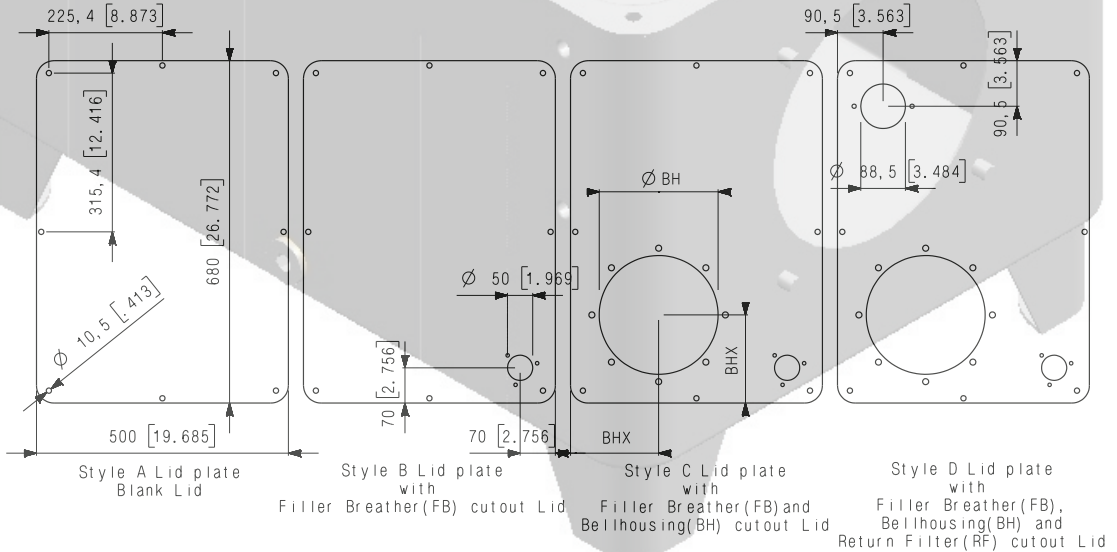
## Steel Tanks for Hydraulic Power Units 100 Litre Type B Dimensional Data

### Weldless Steel Tank 100 Litre Type B (26,4 Gallon)

mm [in ]



### Lid 100 Litre (26,4 Gallon)



See page 27 for price list

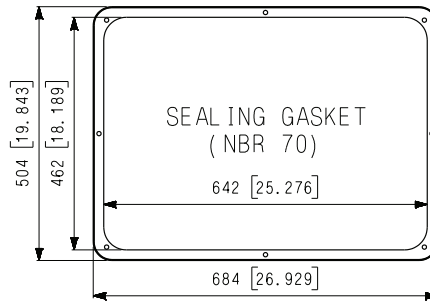
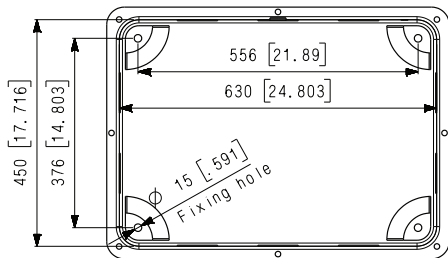
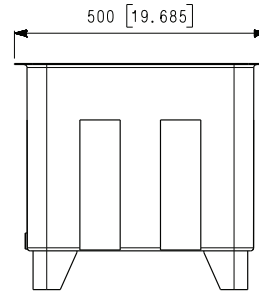
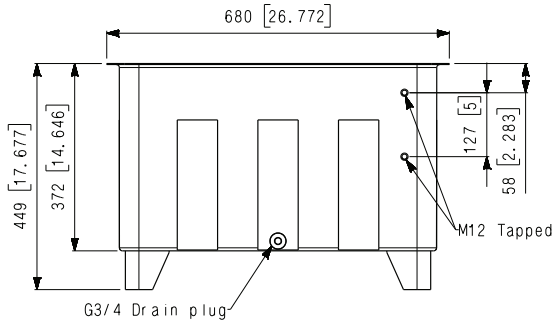
FLOWFIT reserves the right to change specifications and information without notice.



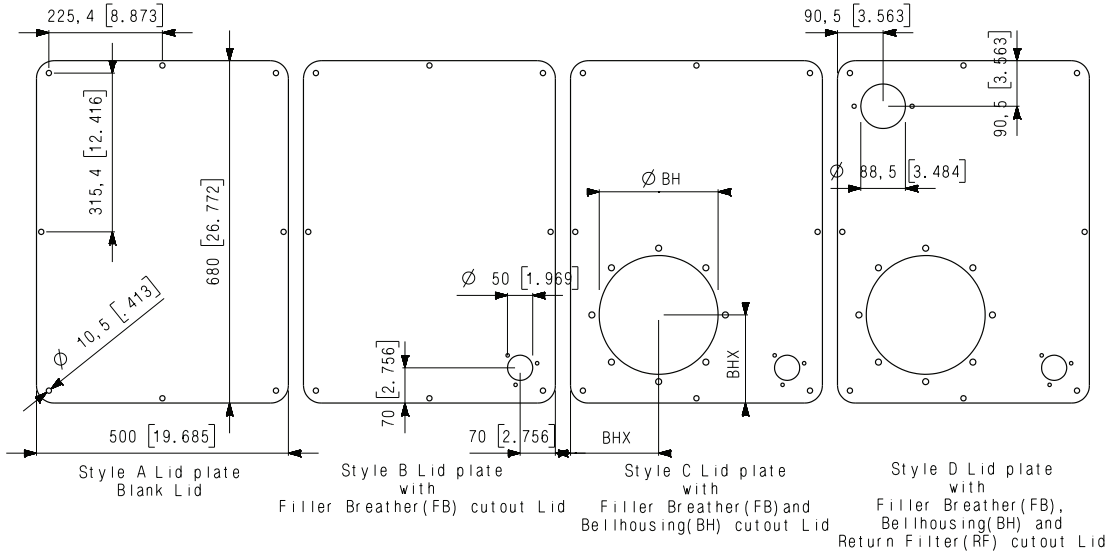
## Steel Tanks for Hydraulic Power Units 100 Litre Type C Dimensional Data

### Weldless Steel Tank 100 Litre Type C (26,4 Gallon)

mm [in ]



### Lid 100 Litre (26,4 Gallon)



See page 27 for price list

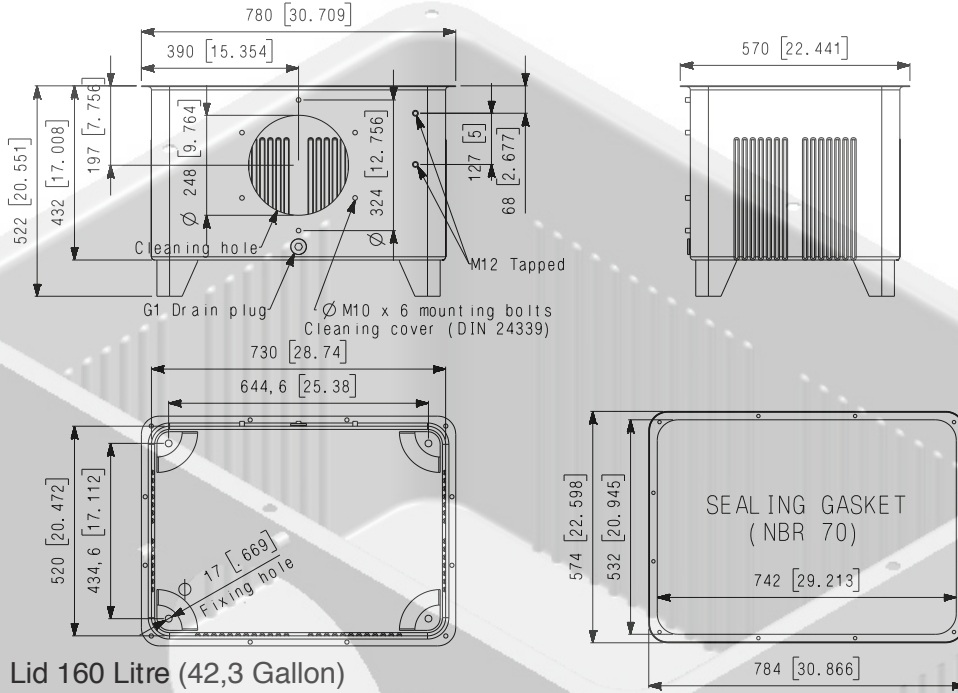
FLOWFIT reserves the right to change specifications and information without notice.



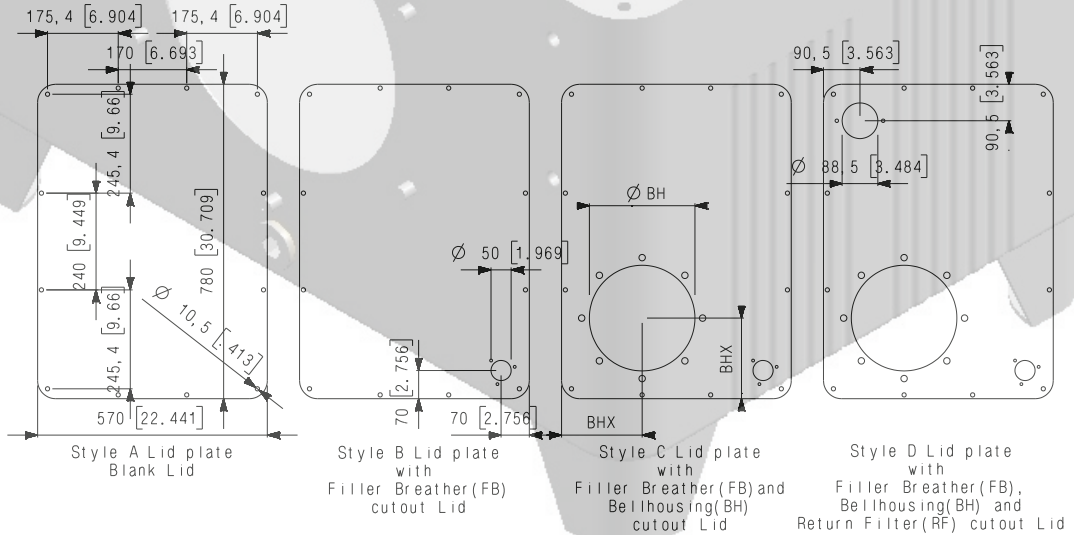
## Steel Tanks for Hydraulic Power Units 160 Litre Type A Dimensional Data

### Weldless Steel Tank 160 Litre Type A (42,3 Gallon)

mm [in ]



### Lid 160 Litre (42,3 Gallon)



See page 27 for price list

FLOWFIT reserves the right to change specifications and information without notice.

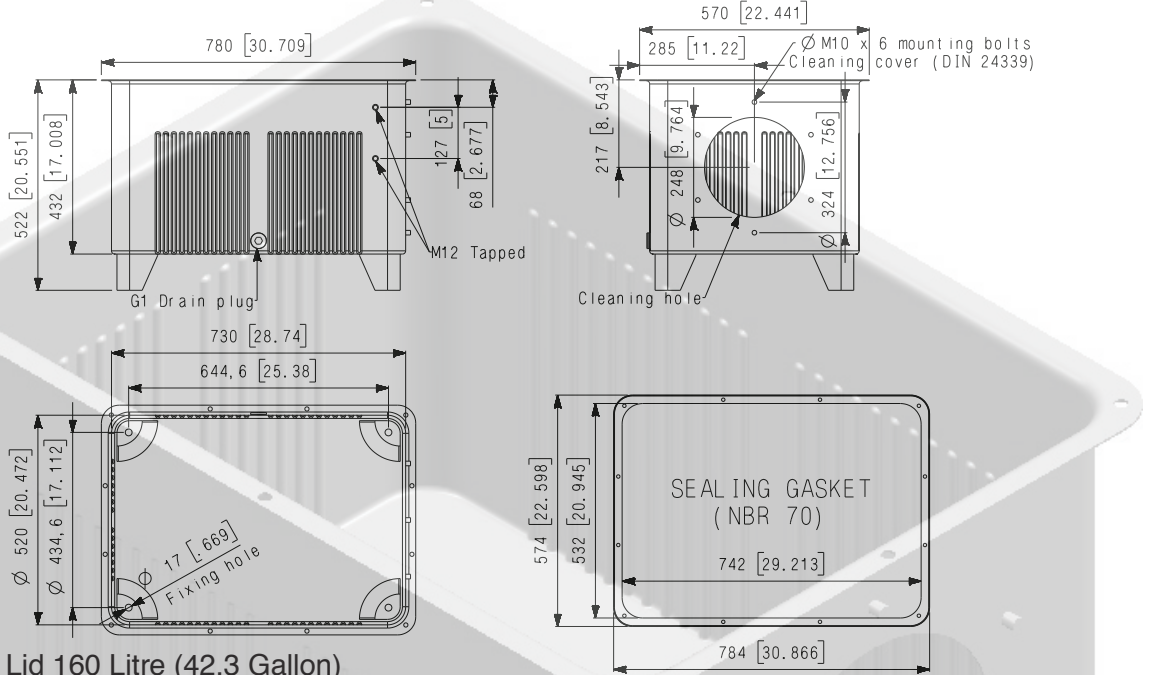




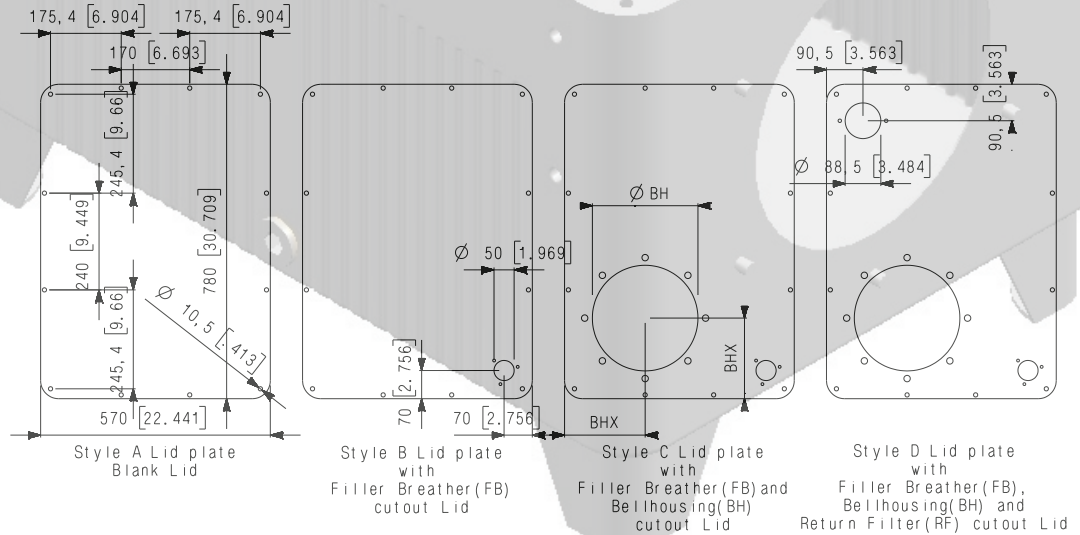
## Steel Tanks for Hydraulic Power Units 160 Litre Type B Dimensional Data

### Weldless Steel Tank 160 Litre Type B (42,3 Gallon)

mm [in ]



### Lid 160 Litre (42,3 Gallon)



See page 27 for price list

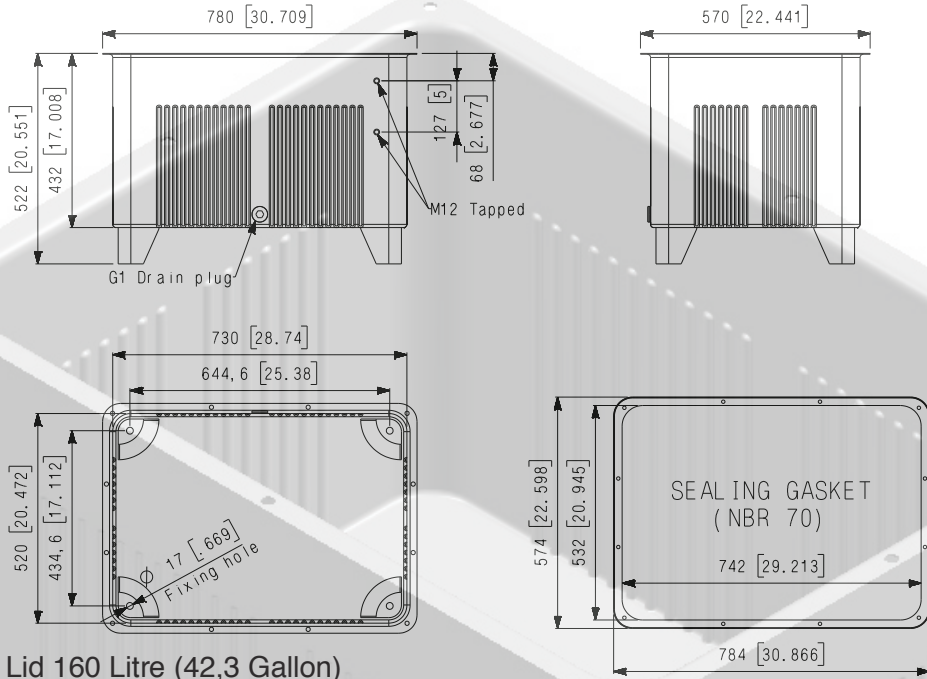
FLOWFIT reserves the right to change specifications and information without notice.



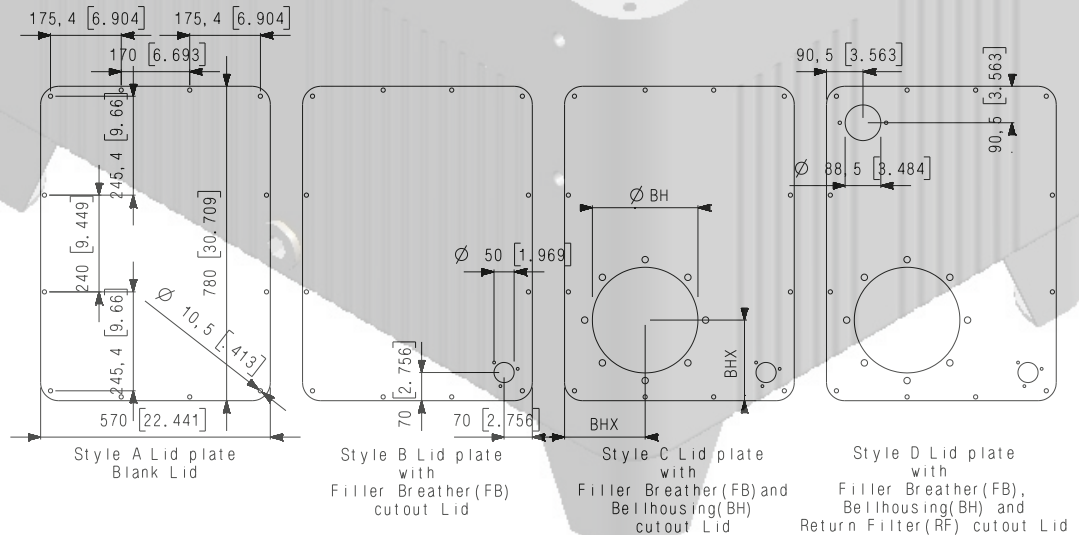
## Steel Tanks for Hydraulic Power Units 160 Litre Type C Dimensional Data

### Weldless Steel Tank 160 Litre Type C (42,3 Gallon)

mm [in]



### Lid 160 Litre (42,3 Gallon)



See page 27 for price list

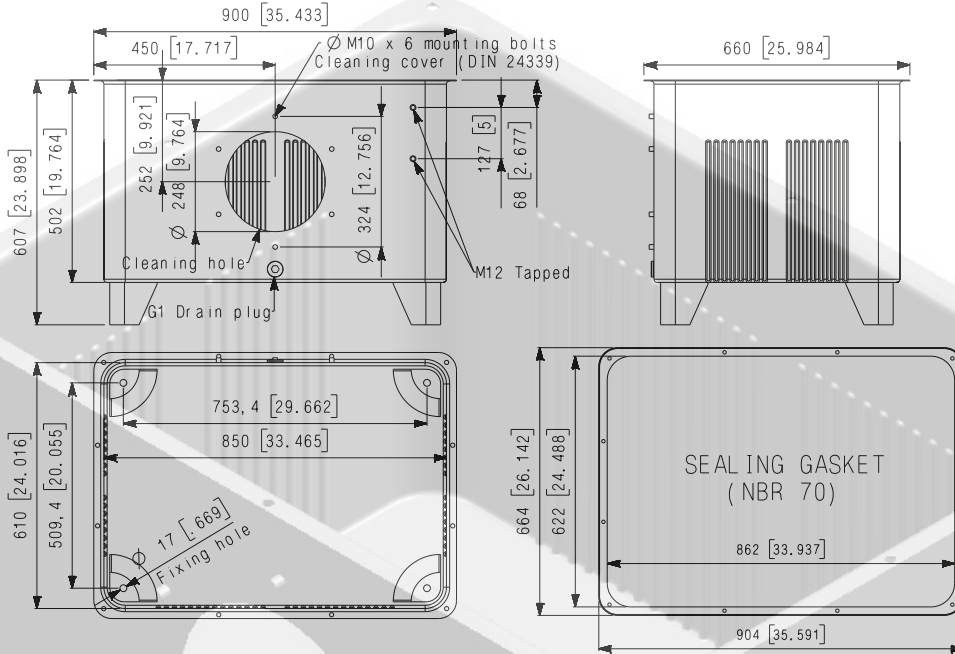
FLOWFIT reserves the right to change specifications and information without notice.



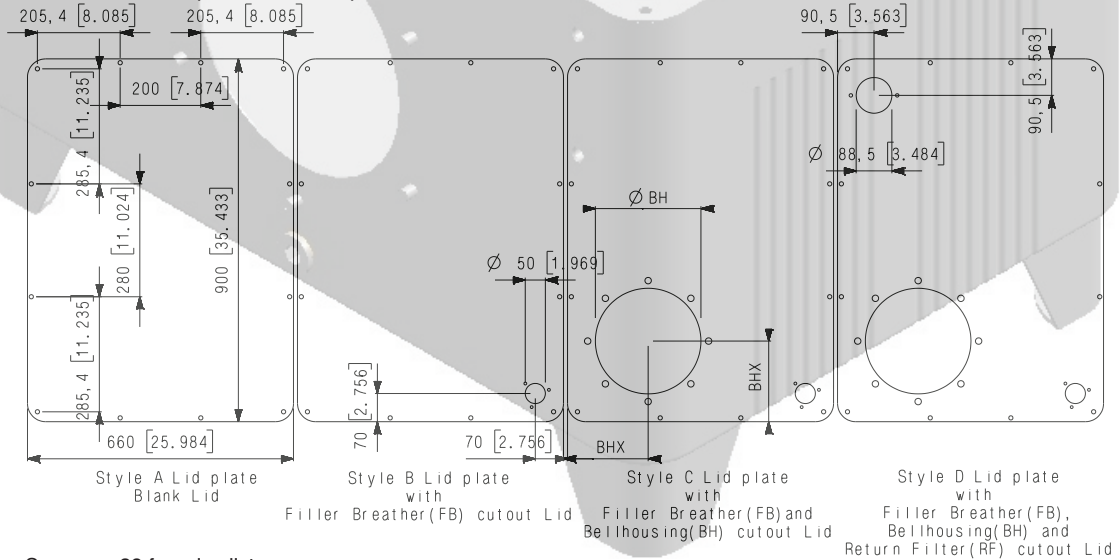
## Steel Tanks for Hydraulic Power Units 250 Litre Type A Dimensional Data

### Weldless Steel Tank 250 Litre Type A (66,0 Gallon)

mm [in ]



### Lid 250 Litre (66,0 Gallon)



See page 28 for price list

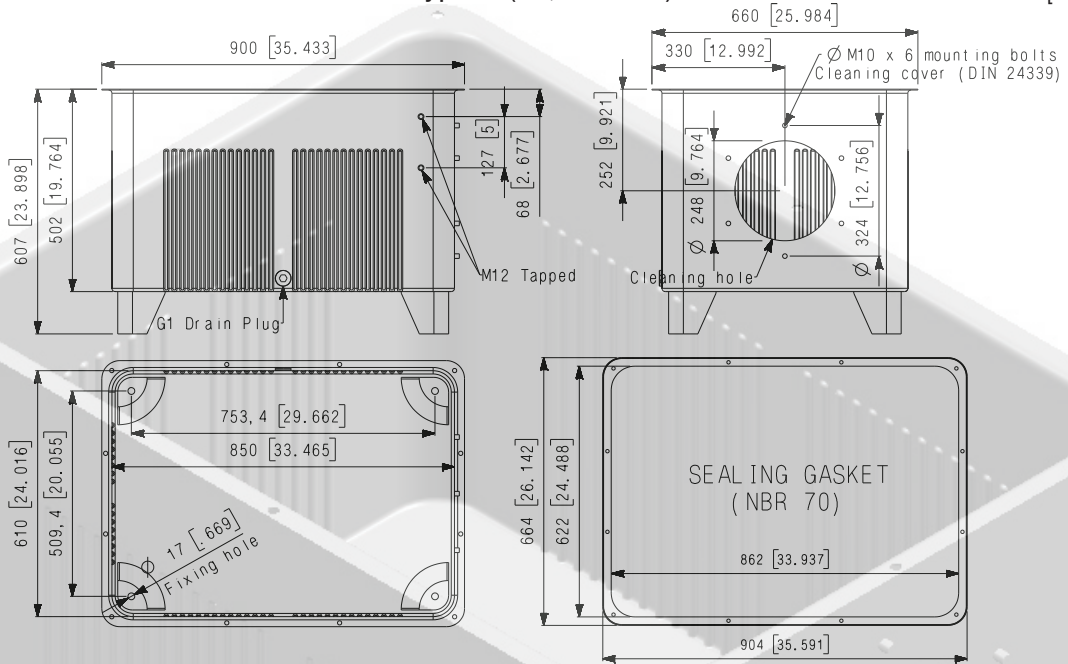
FLOWFIT reserves the right to change specifications and information without notice.



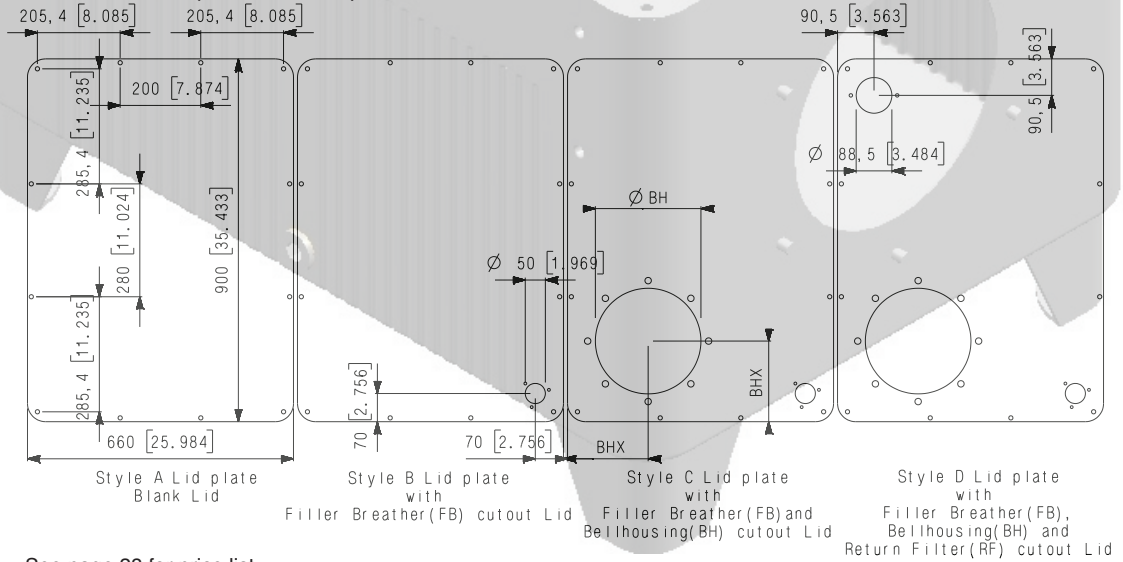
## Steel Tanks for Hydraulic Power Units 250 Litre Type B Dimensional Data

### Weldless Steel Tank 250 Litre Type B (66,0 Gallon)

mm [in ]



### Lid 250 Litre (66,0 Gallon)



See page 28 for price list

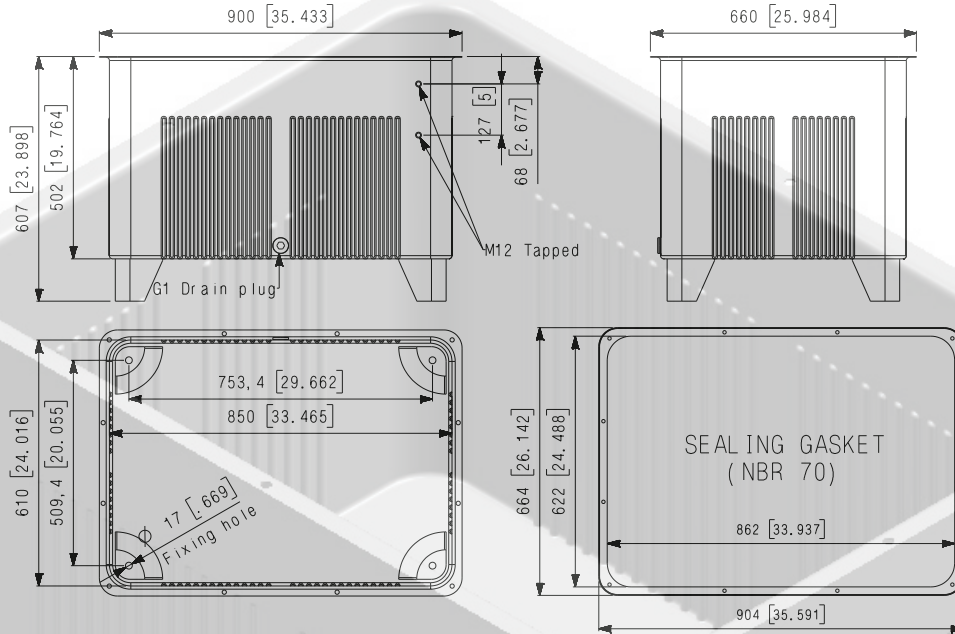
FLOWFIT reserves the right to change specifications and information without notice.



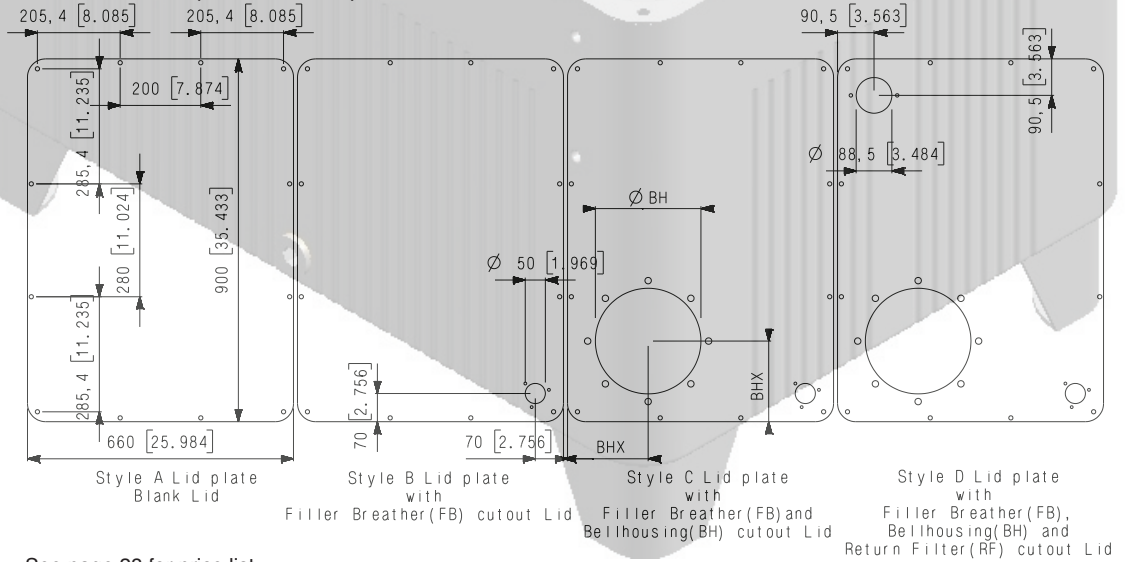
## Steel Tanks for Hydraulic Power Units 250 Litre Type C Dimensional Data

### Weldless Steel Tank 250 Litre Type C (66,0 Gallon)

mm [in ]



### Lid 250 Litre (66,0 Gallon)



See page 28 for price list

FLOWFIT reserves the right to change specifications and information without notice.

## Steel Tanks for Hydraulic Power Units Weights Chart

### Weights Chart for Tanks, Lids and Sealing Gasket

CAPACITY (LT.)	6		12		25		40		70		100		160		250	
Type	A	B	A	B	A	B	A	B	A-B	C	A-B	C	A-B	C	A-B	C
TANK BODY	2,88 kg	2,73 kg	4,20 kg	3,96 kg	6,72 kg	9,20 kg	13,19 kg	13,59 kg	16,66 kg	17,06 kg	22,86 kg	23,74 kg	31,70 kg	32,68 kg		
SEALING GASKET	0,10 kg		0,12 kg		0,20 kg	0,22 kg			0,26 kg		0,29 kg		0,34 kg		0,40 kg	
<b>LID THICKNESS</b>																
	3mm		3mm		3mm		3mm		4mm		4mm		5mm		5mm	
Style A BLANK LID	1,48 kg		2,12 kg		3,39 kg	4,53 kg			8,54 kg		10,59 kg		17,30 kg		23,15 kg	
Style B FB	1,47 kg		2,10 kg		3,37 kg	4,48 kg			8,48 kg		10,53 kg		17,22 kg		23,07 kg	
FB+BH Ø 140	1,28 kg		1,92 kg													
FB+BH Ø 160	1,22 kg		1,86 kg		3,13 kg											
FB+BH Ø 200	1,05 kg		1,69 kg		2,96 kg	4,07 kg			7,92 kg		9,98 kg					
FB+BH Ø 250	-		-		2,67 kg	3,78 kg			7,54 kg		9,59 kg		16,04 kg		21,89 kg	
FB+BH Ø 300	-		-		-	3,43 kg			7,08 kg		9,13 kg		15,47 kg		21,32 kg	
FB+BH Ø 350	-		-		-	-			6,74 kg		8,79 kg		15,04 kg		20,89 kg	
FB+BH Ø 400	-		-		-	-			-		-		-		20,19 kg	
FB+BH Ø 450	-		-		-	-			-		-		-		19,19 kg	
FB+BH Ø 140 +RF	1,20 kg		1,84 kg													
FB+BH Ø 160 +RF	1,14 kg		1,78 kg		3,05 kg											
FB+BH Ø 200 +RF	-		1,61 kg		2,88 kg	3,92 kg			7,72 kg		9,78 kg					
FB+BH Ø 250 +RF	-		-		2,59 kg	3,63 kg			7,34 kg		9,39 kg		15,79 kg		21,64 kg	
FB+BH Ø 300 +RF	-		-		-	3,28 kg			6,88 kg		8,93 kg		15,22 kg		21,07 kg	
FB+BH Ø 350 +RF	-		-		-	-			6,54 kg		8,59 kg		14,79 kg		20,64 kg	
FB+BH Ø 400 +RF	-		-		-	-			-		-		-		19,94 kg	
FB+BH Ø 450 +RF	-		-		-	-			-		-		-		18,94 kg	

FB - Filler Breather , BH - Bellhousing , RF - Return Filter

## Steel Tanks for Hydraulic Power Units Lid Layout Dimensions for Bellhousing

Chart for Bellhousing

CAPACITY (LT.)	Ø BH	6 BHX	12 BHX	25 BHX	40 BHX	70 BHX	100 BHX	160 BHX	250 BHX
Bellhousing									
Ø 140	Ø 97	90	90	-	-	-	-	-	-
Ø 160	Ø 112	100	100	105	-	-	-	-	-
Ø 200	Ø 147	110	120	125	125	125	125	-	-
Ø 250	Ø 192	-	-	150	150	150	150	150	150
Ø 300	Ø 236	-	-	-	175	175	175	175	175
Ø 350	Ø 262	-	-	-	-	188	200	200	200
Ø 400	Ø 302	-	-	-	-	-	-	-	225
Ø 450	Ø 352	-	-	-	-	-	-	-	250

### Value Added Service Available

Flowfit can laser cut Different Shapes in your Lids and tanks for

- Supply Lines
- Return Lines
- Drain Lines
- Pump / Motor mount holes for vertical installations
- Filler / Breather holes
- Level Gauges (on Tanks) with M12 tapped
- Mounting holes