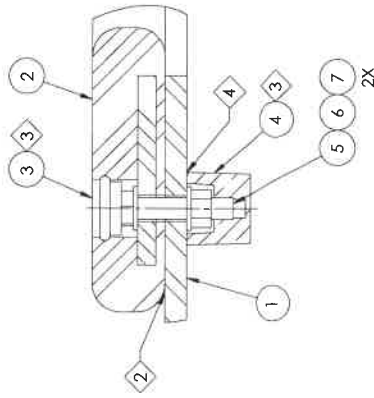


SECTION A-A



Notes:

1. All dimensions are in millimeters unless noted otherwise.
2. Apply 3mm bead of sikaflex sealant (item 8) on seams of grommet (item 2) as shown.
3. Apply a bead of sikaflex sealant (item 8) to all bolt and nut caps (item 3 & 4) prior to installation.
4. Apply all around a continuous bead of sikaflex sealant (item 8) to all seams indicated.
5. Unless otherwise specified all bolts shall be torqued to their respective grade and size values listed in drawing 1000135380 - Metric, 75% of proof strength.

Find no.	Description	Part no.	Drawing no.	QTY	UOM.	Material	Total Weight (kg)
1	Plate, grommet, 2800	1000438497	1000438497	1	EA		263.9
2	Grommet, 2800	1000175088	1000175070	2	EA		73.8
3	Bolt cap, M12	1000021943	1000152527	24	EA		2.4
4	Cap nut, M12	1000157380	1000157386	24	EA		0.96
5	Screw, hexagon head, ISO 4017, M12x55, 8.8, electroplated	100008542		24	EA	Plain Carbon Steel	1.44
6	Nut, hexagon, ISO 4032, M12, 8, electroplated	100006024		24	EA	Plain Carbon Steel	0.384
7	Washer, ISO 7089, 12, 200 HV, electroplated	100004158		48	EA	Plain Carbon Steel	0.29904
8	Sealant, unipac, 600ml, Sikaflex-291	1000199250		1	EA		0.1

Initial Release

Specific Description of Change

Language Rev.:

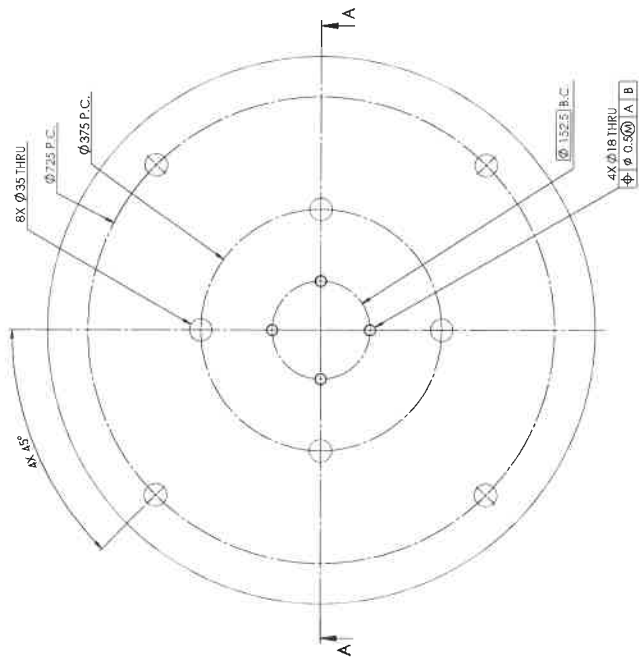
Assembly, plate, grommet, 2800

Flotation, Wemco, 250RT

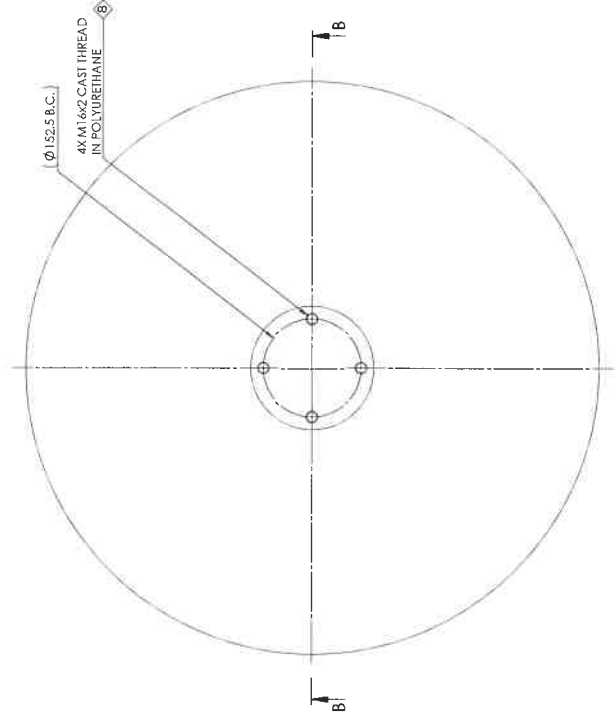
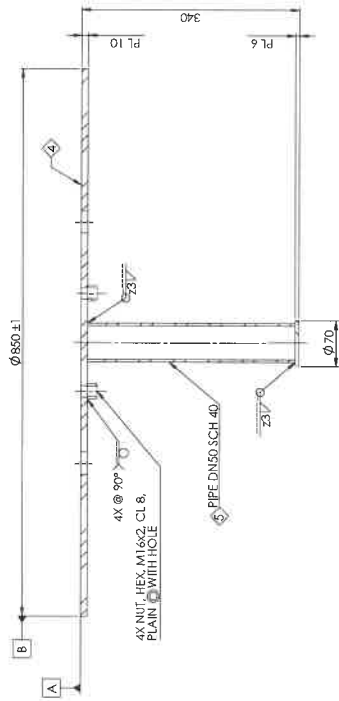
Mat: N/A	Weight: 343 kg	Welds: N/A	Based on: 654917	ISO-A
Under otherwise specified, adhere to General Workshop Instruction No: 100024420	Replacing: N/A			Sheet 1 of 1
Property of FL Smidth XPS. This drawing contains confidential information and/or trade secrets. It is not to be distributed, copied, or used for any purpose other than that for which it was prepared without the prior written permission of FL Smidth XPS. All rights reserved.				

No: 1000438496

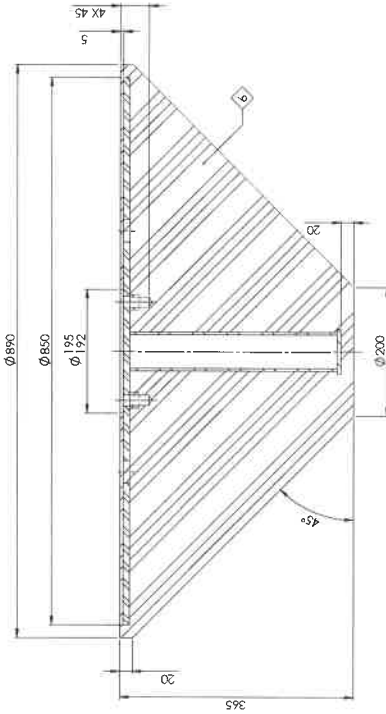
Content Rev: 1



SECTION A-A



SECTION B-B

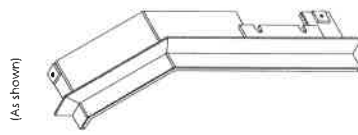
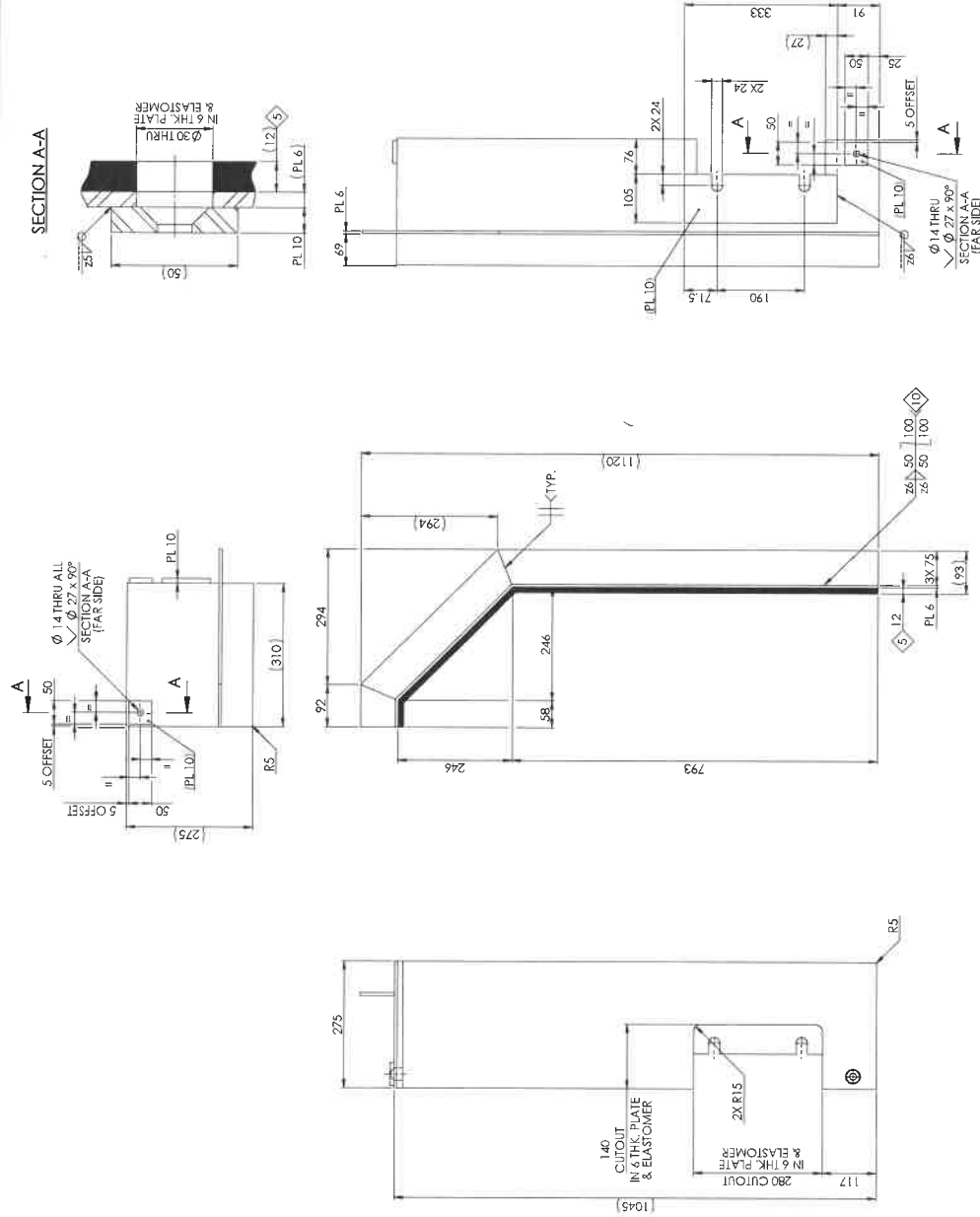


Notes:

1. All dimensions are in millimeters unless noted otherwise.
2. For general workshop standards and requirements refer to FlSmidth document "WS-1, General workshop instruction 1000024420".
3. For workshop standards and requirements in reference to fabricated metal parts refer to FlSmidth document "WS-2, Fabricated Metal & Welded Parts Workshop Standard 1000024422".
4. Material: Plate Steel - ASTM A36 / GS 700 type 02358 or equivalent as approved by FlSmidth engineering department.
5. Material: Pipe - ASTM A53 Grade B type E / GS 8143 Grade 20# Seamless or equivalent as approved by FlSmidth engineering department.
6. Material: Elastomer - Polyurethane per FlSmidth specification 1000193480 or equivalent as approved by FlSmidth engineering department.
7. Geometric dimensioning and tolerancing to be per ASME Y14.5M-1994.
8. Plug hole thoroughly prior to molding (to collect threads).
9. Dart valve diameter designation refers to the inside diameter of largest grammet with which it is to be used.

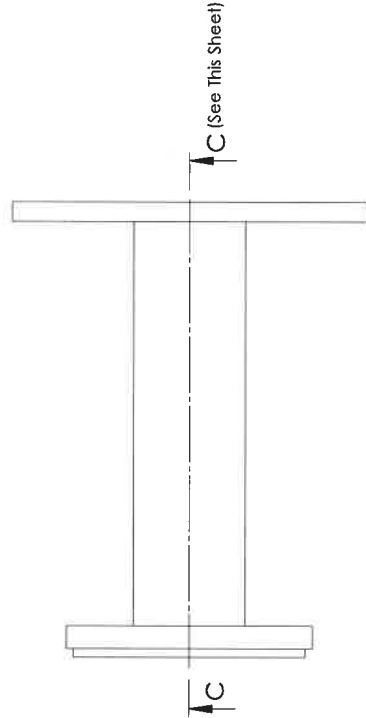
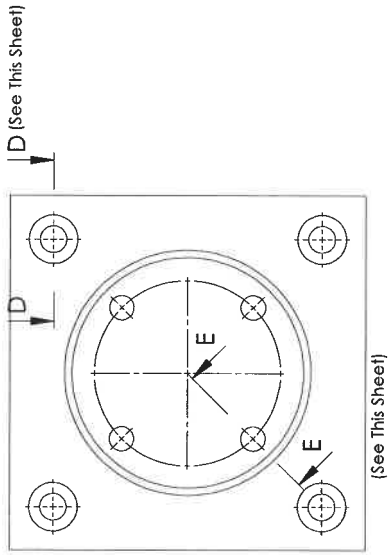
[illegible]

ORIENTATION FOR OPPOSITE-HANDED PARTS

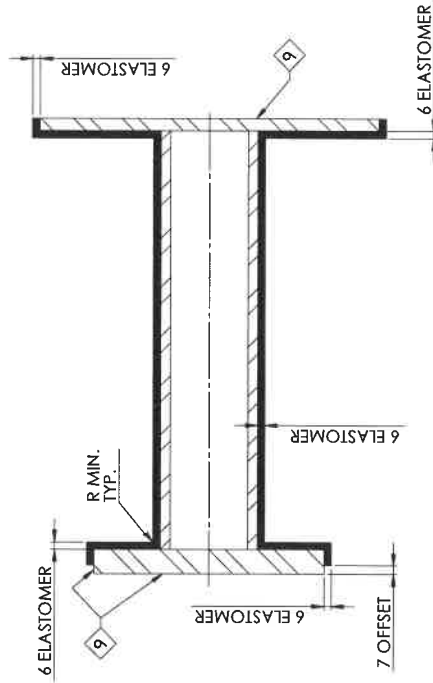
[illegible]

- Notes:
1. All dimensions are in millimeters unless noted otherwise.
2. For workmanship standards and requirements in reference to fabricated metal parts refer to FLSmith document "WS-2, Fabricated Metal & Welded Parts Workmanship Standard 100002442Z".
3. For lining instruction refer to FLSmith document "WS-3, Work Instruction: Flotation cell lining with elastomer 1000246500".
4. Material: Plate Steel - ASTM A36 / CB 700 Type Q235B or equivalent as approved by FLSmith engineering department.
5. Material: Elastomer - M.O.R Rubber per FLSmith specification 1000135563 or equivalent as approved by FLSmith engineering department.
6. No elastomer lining permitted on both holes. All overlaps must be ground flat.
7. Where compliance with 1000246500 elastomer lining details are not practicable, elastomer liner shall provide proposed alternative to FLSmith for review.
8. All weld sizes shown are for structural integrity. Fabricator to add additional weld as required to meet the requirements of radii for RS6374 Part 5 and 1000246500.
9. All bends are to be minimum radius.
10. Apply Skaflex-291 to spaces between intermittent welds after application of prime coat but before application of final coat of paint.
11. Opposite-handed parts are to be created according to the indicated symmetry plane. Opposite-handed parts are described in a separate document.

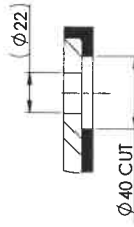
ELASTOMER LINING



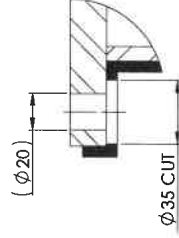
SECTION C-C
(From This Sheet)



SECTION D-D
(From This Sheet)
4X



SECTION E-E
(From This Sheet)
(Rotated Clockwise)
4X

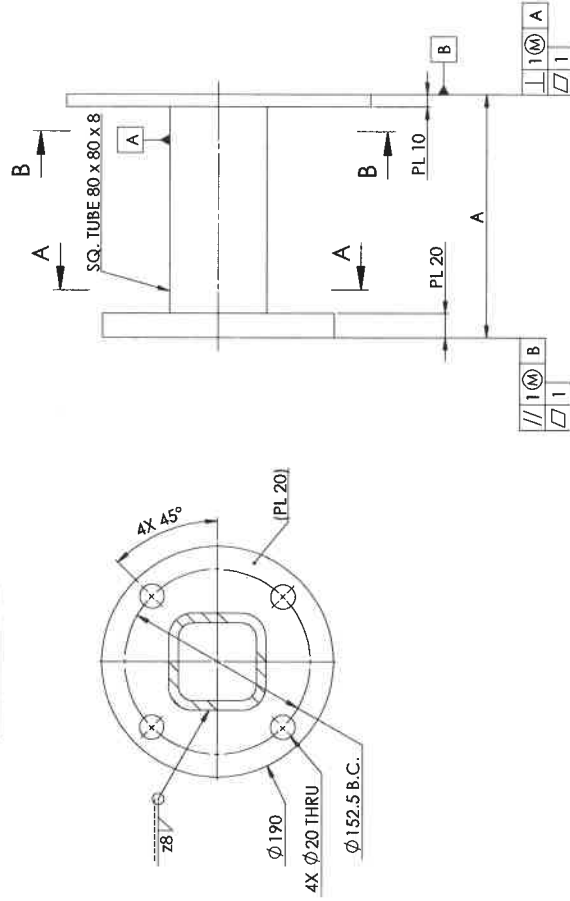


Mat.: See Notes	Weight: 17.2 Kg	Welds: N/A	Based on: 100078071	ISO-A
Unless otherwise specified, adhere to General Workshop Instruction No: 1000204420				
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No.: 1000438499				Content Rev:

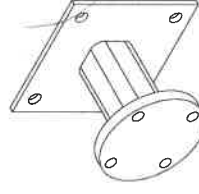
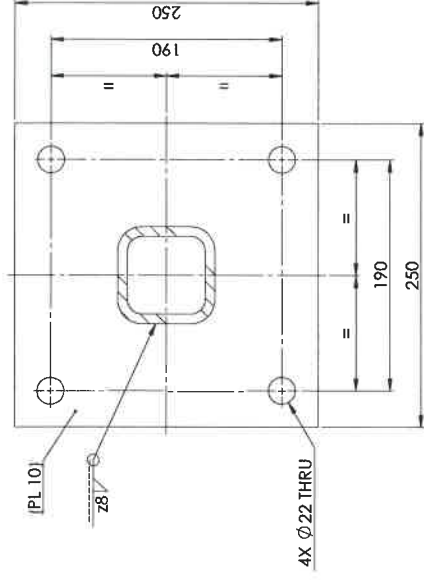
REF: 1000229896

1000438499

SECTION A-A



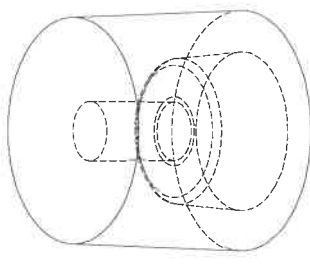
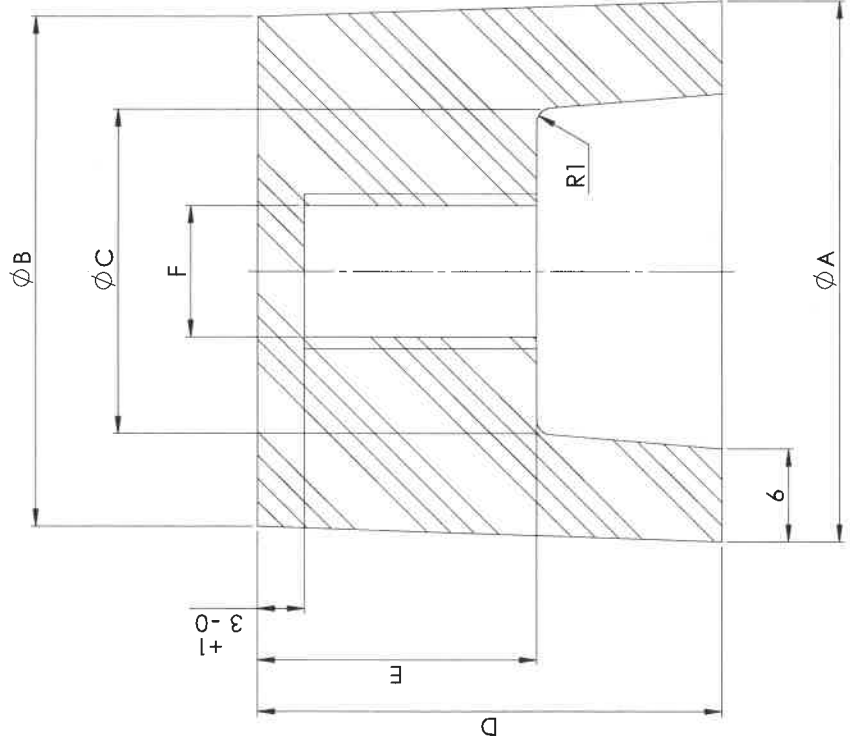
SECTION B-B



1. All dimensions are in millimeters unless noted otherwise.
2. For general workmanship standards and requirements refer to FLSmidth document "WS-1. General Workshop Instruction 1000024420".
3. For workmanship standards and requirements in reference to fabricated metal parts refer to FLSmidth document "WS-2. Fabricated Metal & Welded Parts Workmanship Standard 1000024422".
4. Geometric dimensioning and tolerancing to be per ASME Y14.5M-1994.
5. Material: Plate Steel – ASTM A36 / GB 700 Type Q235B or equivalent as approved by FLSmidth engineering department.
6. Material: Square Tubing – ASTM A513 / GB 6728 Type Q235B or equivalent as approved by FLSmidth engineering department.
7. Material: Elastomer - Neoprene per FLSmidth specification 1000150559 or equivalent as approved by FLSmidth engineering department.
8. No elastomer lining permitted on bolt holes. All overlaps should be ground flat.
9. All non lining surfaces to be coated with Cosmoline® or equivalent rust preventative during storage and shipping.

PART NO	A	Total Weight (kg)
1000438499	200	23.6
1000438503	175	22.8

[illegible]



Part no.	Description	A	B	C	D	E	F	Total Weight (Kg)
1000157379	Cap nut, M10	35	33	21	30	18	M10 x 1.5	0.02
1000157380	Cap nut, M12	40	38	26	35	20	M12 x 1.75	0.04
1000157381	Cap nut, M16	50	48	36	45	26	M16 x 2	0.07
1000157382	Cap nut, M20	55	53	41	50	28	M20 x 2.5	0.09
1000157383	Cap nut, M24	65	63	51	60	33	M24 x 3	0.14
1000157384	Cap nut, M30	75	73	61	70	38	M30 x 3.5	0.21

2	STY-IN	CHBR-US	29-Mar-16	CA-1772: Updated note 3.
1	VILSA	BEG	13-Jan-15	Initial Release
Rev.	Drawn	Appr.	Appr. Date	Zone/Description
Scale: N/A Detail drawing				
Language Rev.:				

Cap nut

Flotation

Mat.: See Notes	Weight: N/A	Welds: N/A	Based on: N/A	ISO-A
Unless otherwise specified, adhere to General Workshop Instruction No: 1000024420				
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No.: 1000157386				Content Rev.: 2

Notes:

- All dimensions are in millimeters unless noted otherwise.
- For general workmanship standards and requirements refer to FLSmidth document "WS-1, General Workshop Instruction 1000024420".
- Material: Elastomer per FLSmidth specification 1000193480 or equivalent as approved by FLSmidth engineering department.