Metso:Outotec

Item Number, rev.: **N031241909, 1** Item Description: **DRAIN NOZZLE** **DN100 DRAIN NOZZLE** Related Documents: **OU601796860, 0 (Manufacturing Drawing)**	Weight: 25kg	Customer:

L	F/N	Reference Designator	Item Number	Description	Additional Information	BOM	Qty (unit)	Weight (kg)	Related Documents
1	01		N031238332, 1	RECTANGULAR FLANGE			1 (EA)	17 17	
1	02		N048023619, 1	BLIND FLANGE DN100 PN10			1 (EA)		
1	03		N048696626, 1	SEAL STRIP 14x5mm	KLINGERSEALEX PTFE 150bar -196-+260degC SEAL STRIP (14x5mm) – 459mm		1 (EA)	0.006 0.006	
1	04		515281, 1	PLAIN WASHER M16	ISO 7089 - M16 - 200HV - tZn		24 (EA)	0.01 0.24	
1	05		N048004459, 1	HEX HEAD SCREW M16x90mm			4 (EA)	0.18 0.72	
1	06		N048004457, 1	HEX HEAD SCREW M16x70mm			8 (EA)	0.15 1.2	
1	07		N048003533, 1	HEX NUT M16	ISO 4032 - M16 - tZn		12 (EA)	0.04 0.48	

TankCell	RADIUS
e5	1005
e10	1225
e20	1555
e20 (Tank dia 3300)	1655
e30	1805
e40	1905
e50 (Tank dia 4270)	2140
e50 (Tank dia 4600)	2305
e70	2635

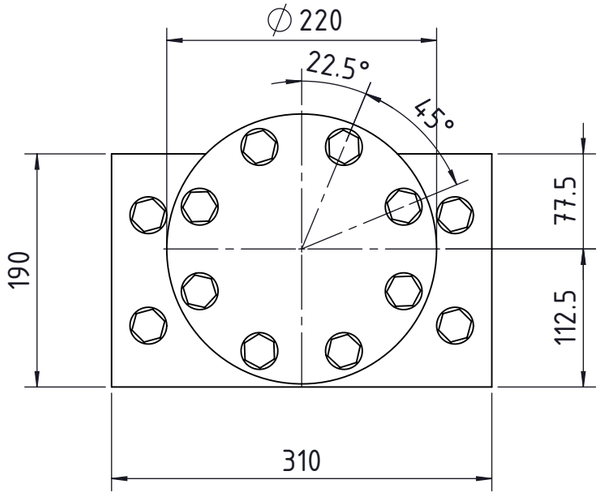
GENERAL TOLERANCES
ISO 2768-1 EN ISO 13920 EN ISO 9013 DIN 6935

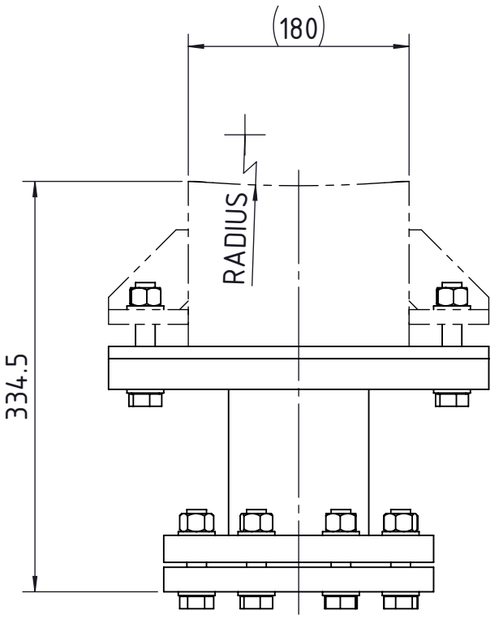
Values in millimetres

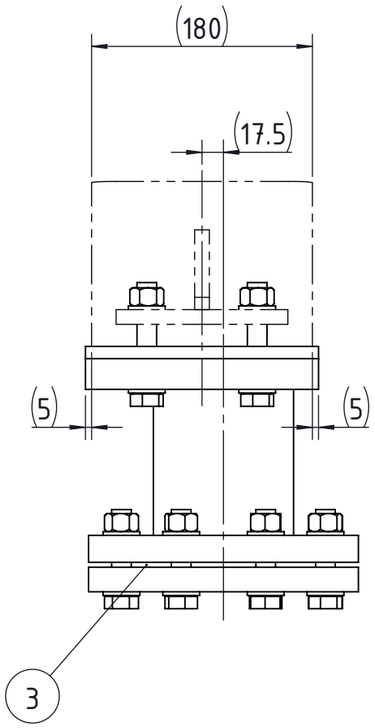
	Basic size range											
LINEAR DIMENSIONS	> 0,5 ≤ 3	> 3 ≤ 6	> 6 ≤ 30	> 30 ≤ 120	> 120 ≤ 400	> 400 ≤ 1000	> 1000 ≤ 2000	> 2000 ≤ 4000	> 4000 ≤ 8000	> 8000 ≤ 12 000	> 12 000 ≤ 16 000	> 16 000 ≤ 20 000	> 20 000
Machining ISO 2768-m Chamfers and external radii	± 0,1 ± 0,2	± 0,1 ± 0,5	± 0,2 ± 1	± 0,3	± 0,5	± 0,8	± 1,2	± 2					
Welding ISO 13920-B	± 1 (Range 2–30)			± 2	± 2	± 3	± 4	± 6	± 8	± 10	± 12	± 14	± 16

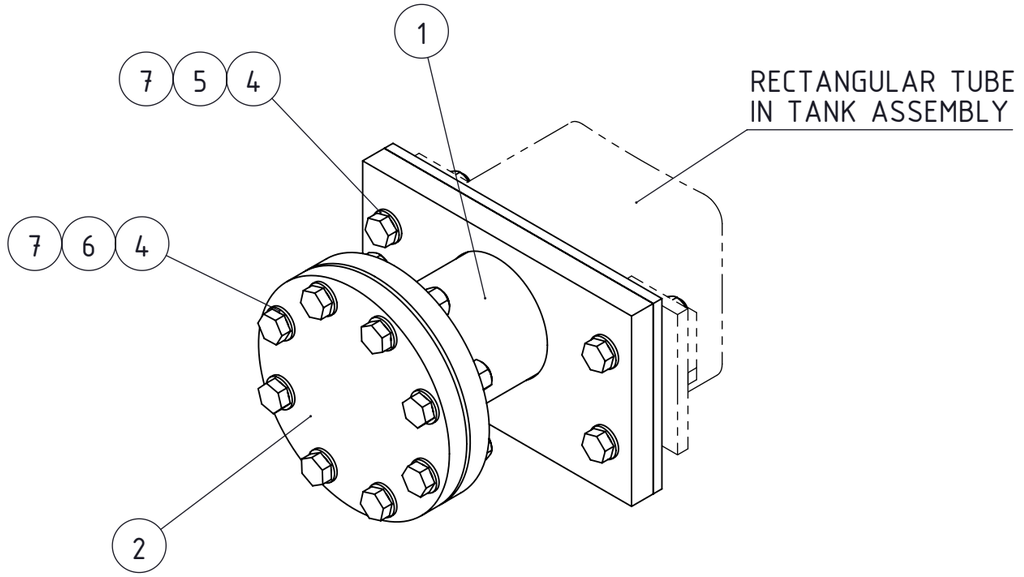
Thermal cutting ISO 9013-2	≥ 3 < 10	≥ 10 < 35	≥ 35 < 125	≥ 125 < 315	≥ 315 < 1000	≥ 1000 < 2000	≥ 2000 < 4000	Quality of cut surface ISO 9013-44
3,15 < t ≤ 6,3	± 0,7	± 0,8	± 0,9	± 1,1	± 1,2	± 1,3	± 1,3	
6,3 < t ≤ 10	± 1	± 1,1	± 1,3	± 1,4	± 1,5	± 1,6	± 1,7	
10 < t ≤ 50	± 1,8	± 1,8	± 1,8	± 1,9	± 2,3	± 3	± 4,2	

ANGULAR DIMENSIONS	Shorter side ≤ 10	> 10 ≤ 50	> 50 ≤ 120	> 120 ≤ 400	> 400 ≤ 1000	> 1000
Machining ISO 2768-m	± 1°	± 0°30'	± 0°20'	± 0°10'	± 0°5'	
Welding ISO 13920-B	± 13 mm/m				± 9 mm/m	± 6 mm/m
Bending	SEE DIN 6935					
GEOMETRICAL TOLERANCES	Machining ISO 2768-K Welding ISO 13920-F					









REV.	NAME	DATE	NAME	DATE	NAME	DATE	
	PREPARED		CHECKED		APPROVED		
0	tonjuv	15.12.2021	pekkall	02.02.2022	MarRaj	02.02.2022	FOR FABRICATION

REVISION TEXT

Metso:Outotec

DOCUMENT TITLE
MANUFACTURING DRAWING
DRAIN NOZZLE
DN100
TANKCELL®

REPLACED BY

REPLACES

LANGUAGE	UNITS	SCALE	SIZE	SHEET OF SHEETS
EN	mm	1:5	A3	1 / 1

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REVISION 0