




DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



Contract No.: DPIC/98-12	DOCUMENT TITLE: Filter Dryer Drawing	POI: IFA	Rev.: D0
	DOCUMENT No: DPIC9812-000-VD-1002-ME-DWG-0025	Sheet 1 of 4	

Filter Dryer Drawing (F-PK6101-2)

PURCHASER'S COMMENT/APPROVAL STATUS						Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)					Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	AN: Approved With Minor Comments (Fabrication may Proceed)					
3	NF: Approved With Comments (Fabrication not Proceed)					
4	RJ: Rejected					Item No. (Tag No.): PK-6101
5	NR: Not be Returned					
Date:	15.01.2022	Signature:	A.AB			Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DWG-0025-D0
						
D0	03-JAN.-22	IFA	F.SARLAK	M.NAZARSHOAR	DR.A.NEJATI	
REV.	DATE ISSUE	Purpose of Issue	PREPARED	CHECKED	APPROVED	



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
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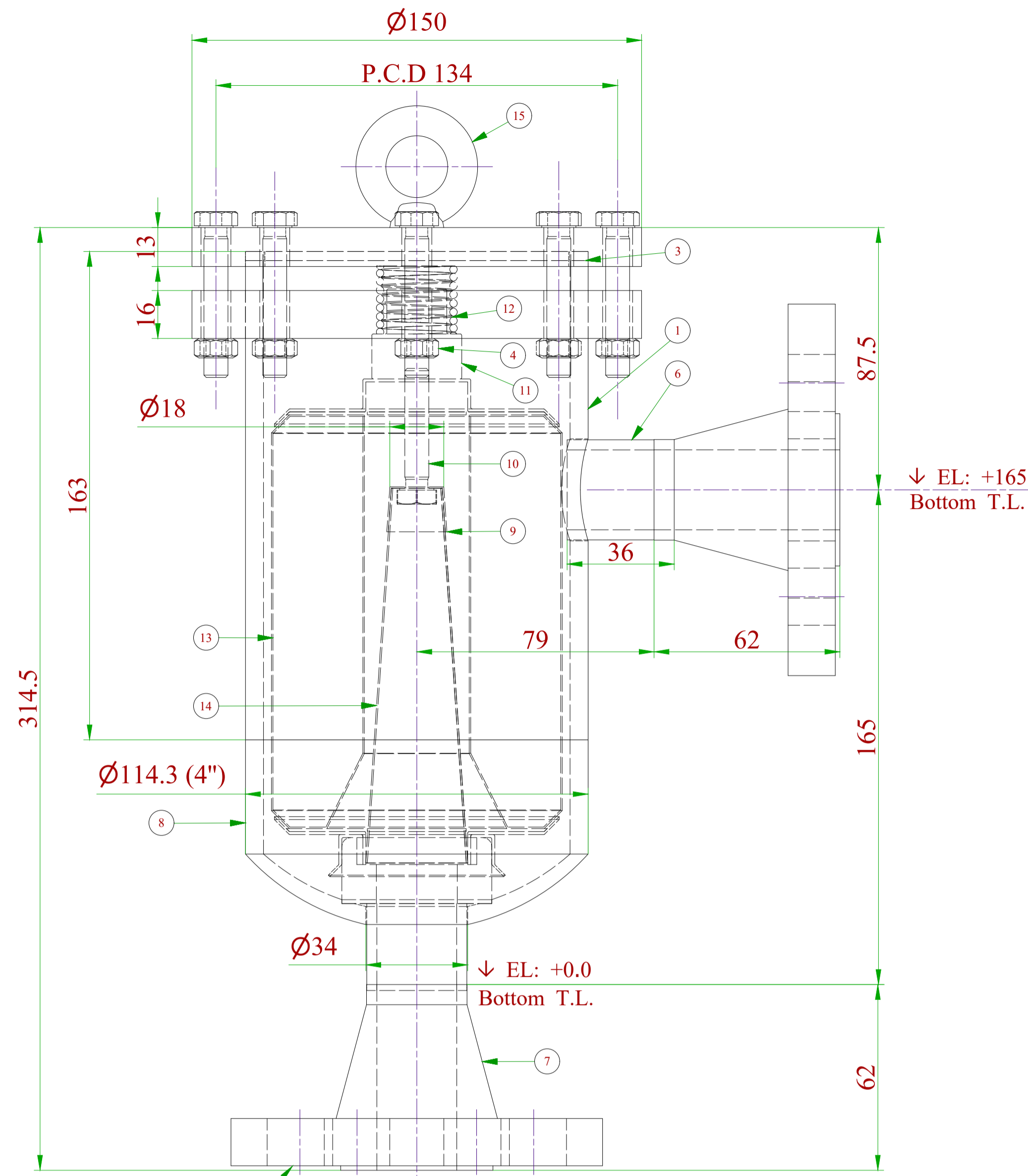
Contract No.: DPIC/98-12	DOCUMENT TITLE: Filter Dryer Drawing	POI: IFA	Rev.: D0
	DOCUMENT No: DPIC9812-000-VD-1002-ME-DWG-0025	Sheet 2 of 4	

TABULATION OF REVISED PAGES

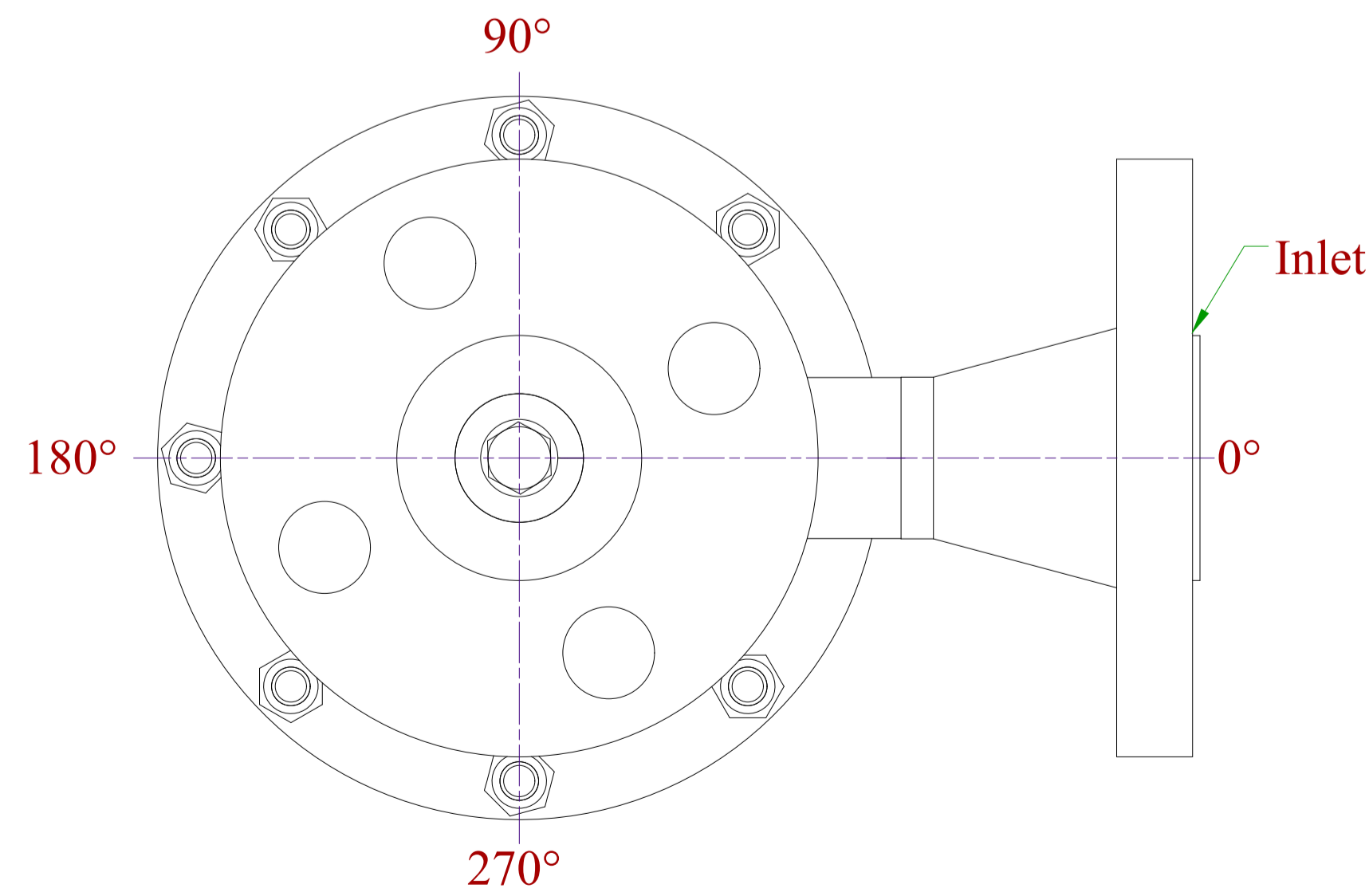
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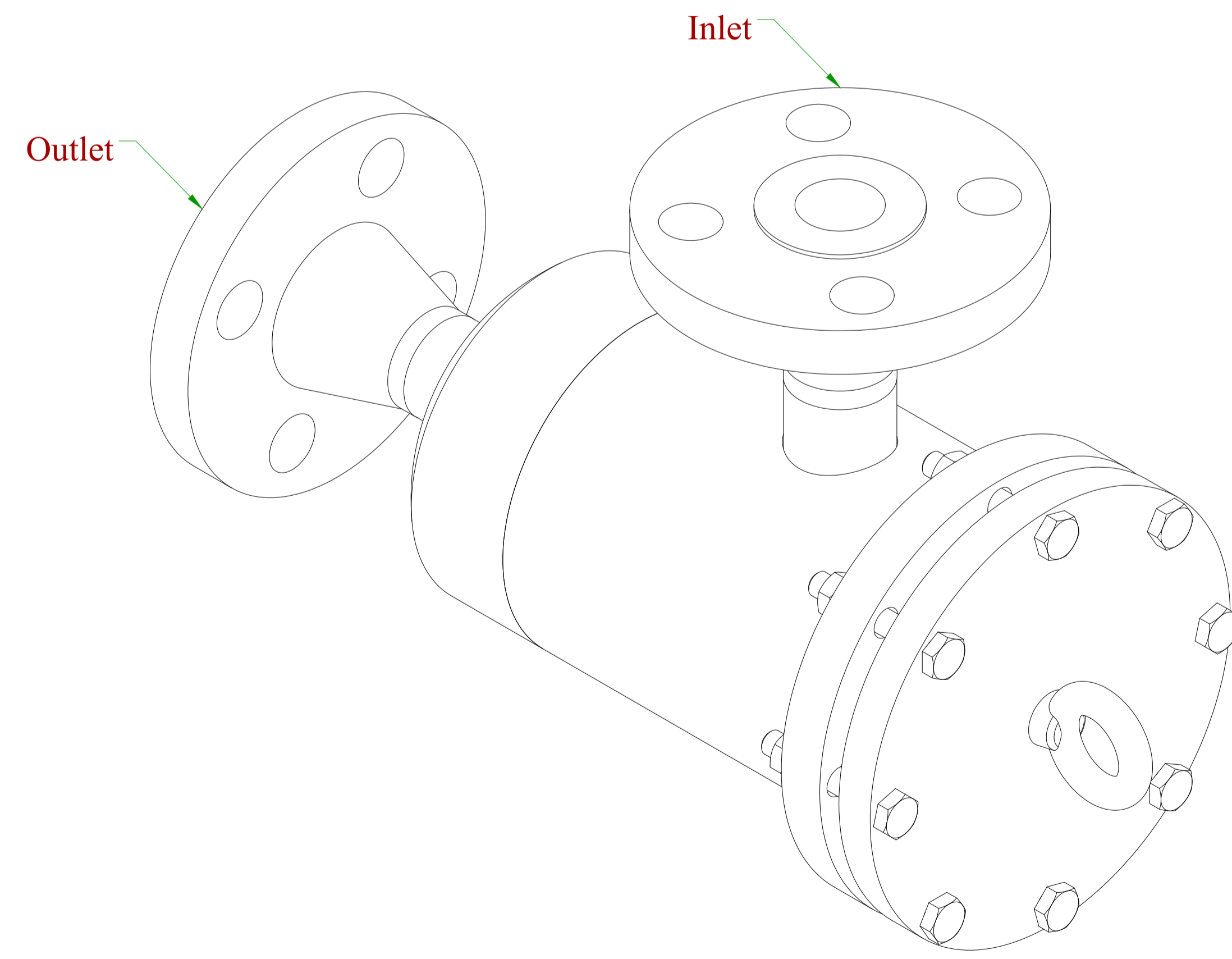
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Propylene Filter Dryer - Front View



Propylene Filter Dryer - Top View



Propylene Filter Dryer - Isometric View

REFERENCES DOCUMENT

NOTES

SPECIFICATION

9	CORROSION ALLOWANCE	3 mm
8	VISCOSITY	0.06 cP
7	DENSITY	461 kg/m ³
6	PRESSURE VACUUM	1.01 BarA
5	PRESSURE OPERATING	18.6 BarG
4	PRESSURE DESIGN	23 BarG
3	OPERATING TEMPERATURE	48.5 C
2	DESIGN TEMPERATURE	-45/135 C
1	FLUID	PROPYLENE
Num	ITEM	DESCRIPTION

Process Data

Pos.	ITEM	Description	Material	Qty	Total Weight	Remark
16	End Flange	---	A516 GR.70	1	0.852 kg	Refer to sheet 4
15	Metric Lifting Eyes	ANSI B18.15.1M - M8x13	A193GR.B8	1	0.065 kg	
14	Semi Cone Strainer	---	S.S.304	1	0.302 kg	Refer to sheet 4
13	Dryer Core	By Vendor	---	1	By Vendor	
12	Compress Spring	L ₀ =28mm, Wire Dia. 2.5mm Diameter:22mm	S.S. 304	1	0.024 kg	
11	Bush	---	S.S. 304	1	0.108 kg	Refer to Sheet 4
10	Hex-Head Bolt	DIN 933 - M8	Steel, Mild	1	0.021 kg	
9	Strainer Cap	---	---	1	0.004 kg	Refer to Sheet 4
8	End Cap	BW Cap ,Sch40,4", ANSI B16.9	A420 WPL6	1	1.6 kg	
7	Nozzle Flange	WN,ANSI B16.5,1",CI 300	SA350 LF2,CL.1	2	3.21 kg	
6	Nozzle Pipe	Pipe, Sch.40,1",ANSI B36.10	SA 333 GR.6	1	0.074 kg	
5	Hex-Head Bolt	DIN 933 - M8 x 50	A193GR.B8	8	0.203 kg	
4	Hex Nut	DIN 934 - M8	A194GR.2H	8	0.043 kg	
3	Seal Ring	V/#7020	PTFE	1	0.013 kg	Refer to Sheet 4
2	Blind Flange	Modified Flange	A516 GR.70	1	12.3 kg	Refer to Sheet 4
1	Shell	Pipe,Sch.40,4",ANSI B36.10	SA 333 GR.6	1	2.6 kg	

PARTS LIST

CLIENT: MC CONTRACTOR:

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PROJECT TITLE:
DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT

DRAWING TITLE:
FILTER DRYER DRAWING

DOCUMENT No: DPIC9812-000-VD-1002-ME-DWG-0025
SC: A1
SIZE: A1

Proj. Code	Area No.	VD	Material Code	PO No.	Disc. Code	Doc. Type	Serial No.	Rev.	Sheet No.
									3 of 4

PURCHASER'S COMMENT/APPROVAL STATUS: 1. AP: Approved (Released for Manufacturing); 2. AM: Approved With Minor Comments (Fabrication may Proceed); 3. NF: Approved With Comments (Fabrication not Proceeded); 4. RJ: Rejected; 5. NR: Not to be Returned.
PURCHASER: _____
REQUISITION NO.: _____
ITEM NO. (TAG NO.): F-PK6101-2
Date: XX.XX.XX Signature: _____
VENDOR DOC. NO.: _____

DO	02-01-2022	ISSUE FOR APPROVAL	F.SARLAK	M.NAZARSHAH	D.RA.NEJATI
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D



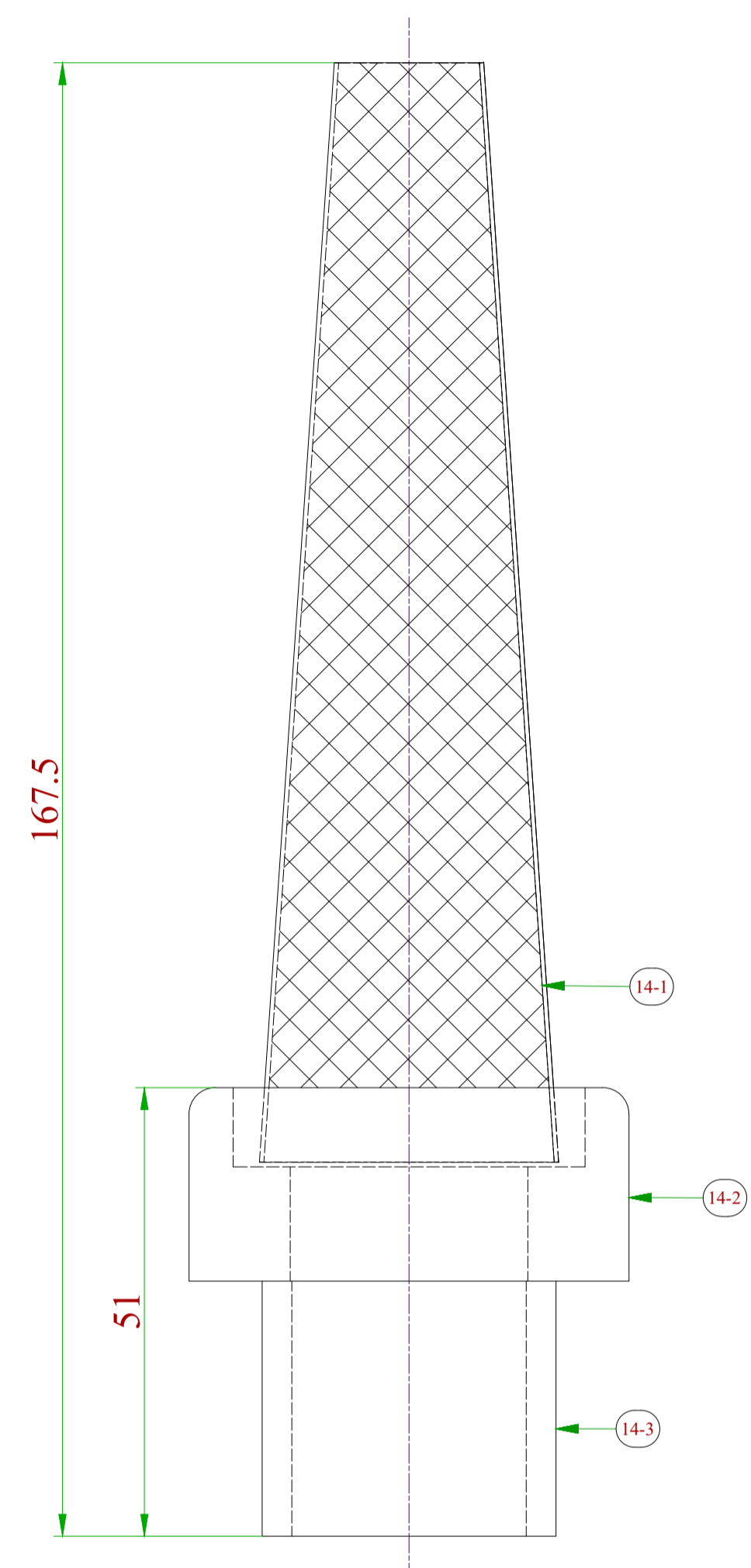
KASRAVAND CO.

Color	Width
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YEL	0.20
GRN	0.30
CYA	0.40
BLU	0.50
MAG	0.60
WHY	0.20
8	0.10
9	0.10
11	0.10
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54	0.10
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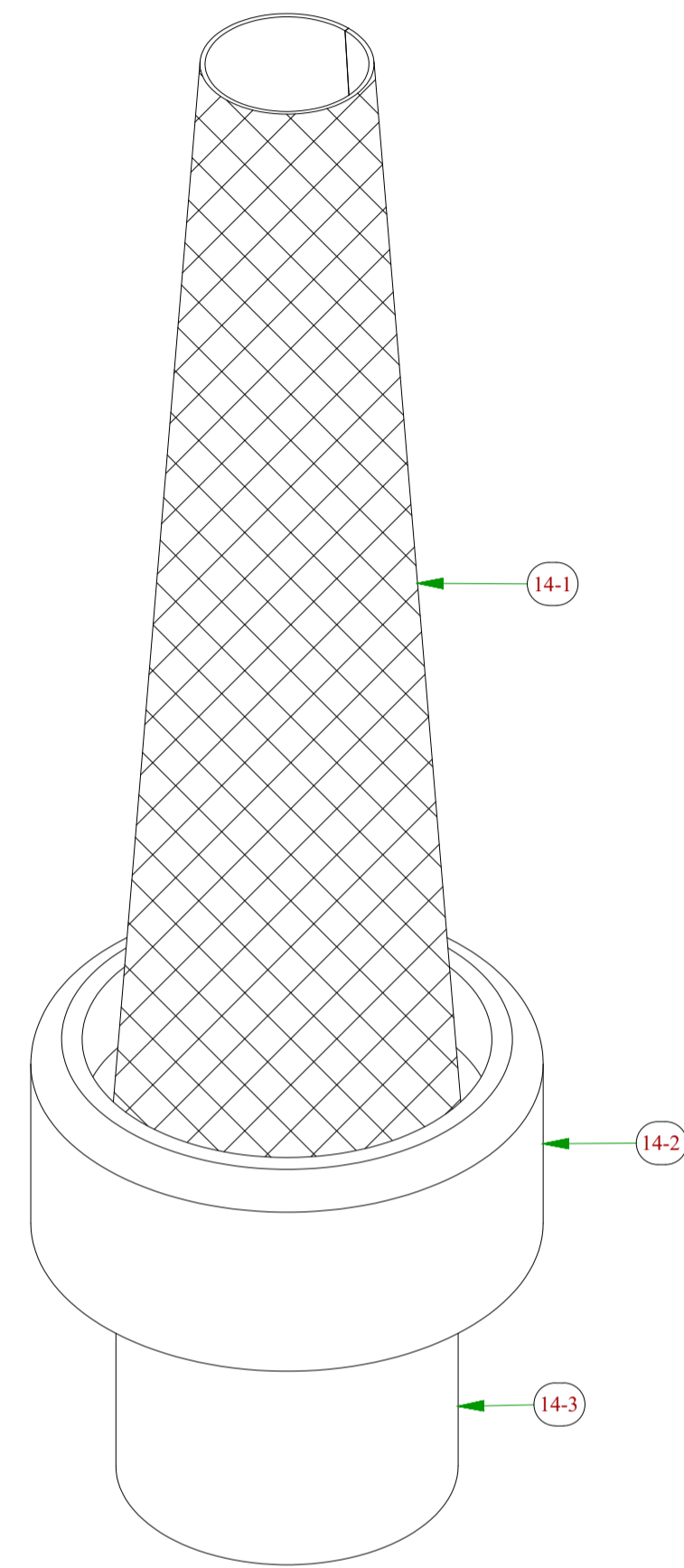
NOTES

1. Strainer Mesh shall be Finalized by Vendor.

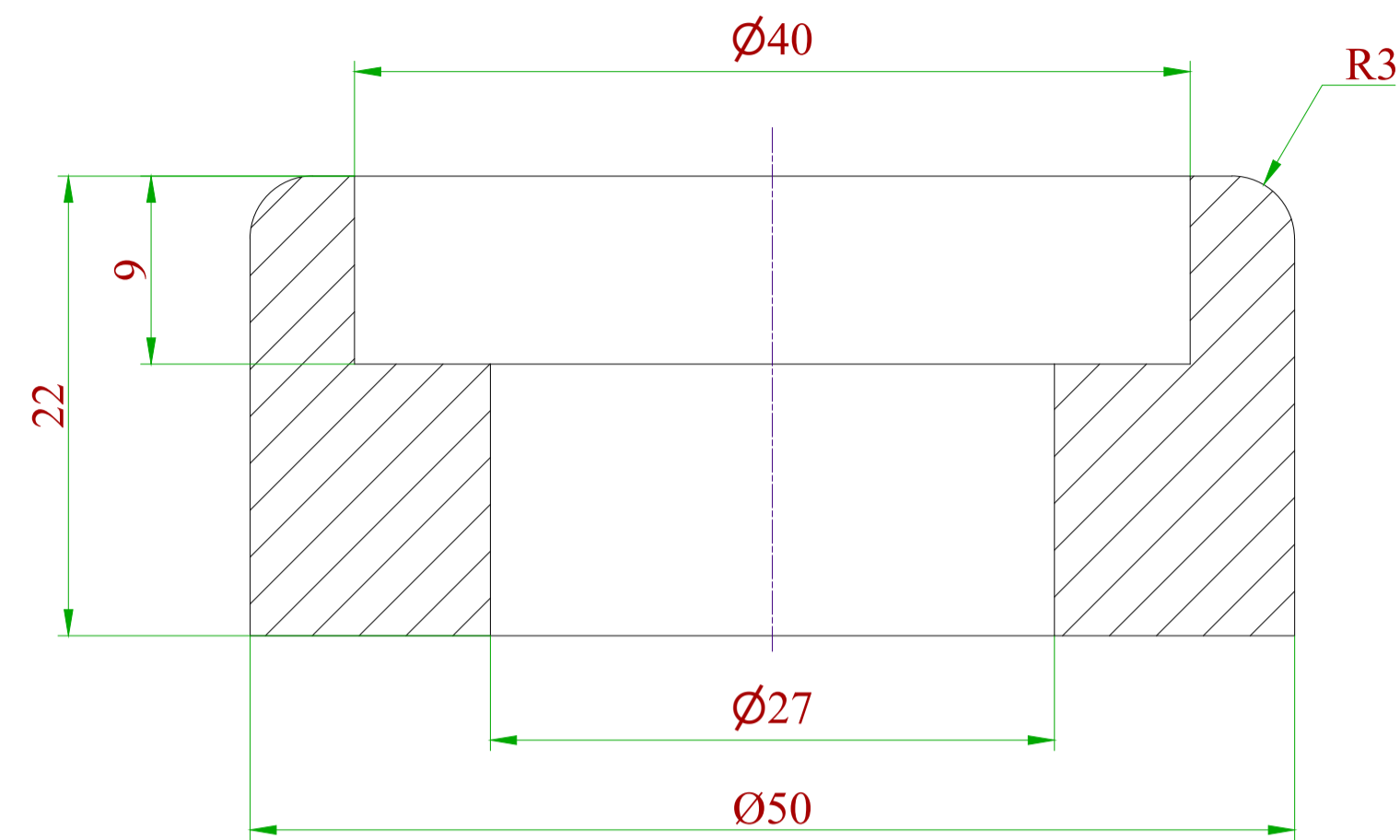
SPECIFICATION



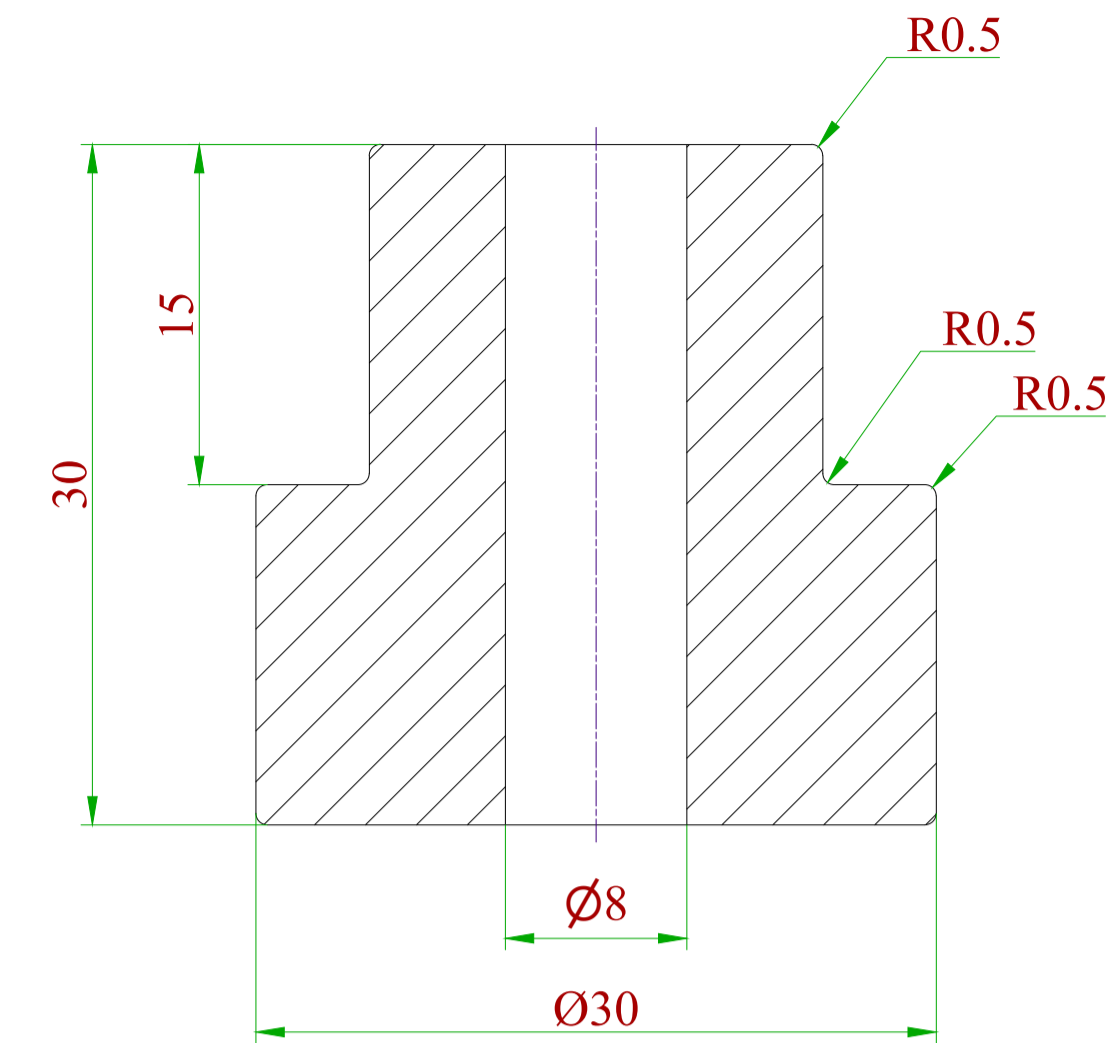
Pos. 14 : Semi Cone Strainer - Front View



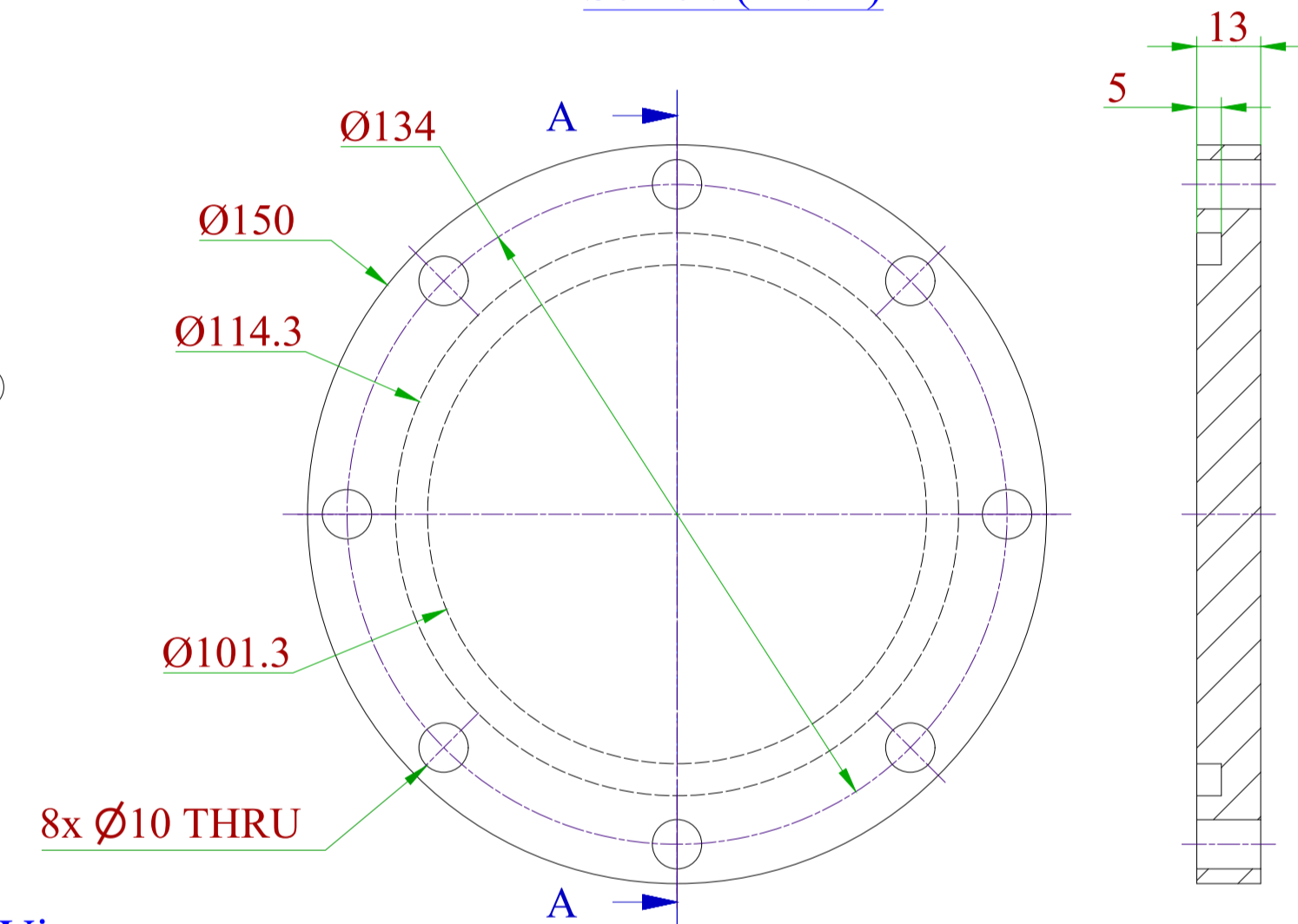
Propylene Filter Dryer - Isometric View



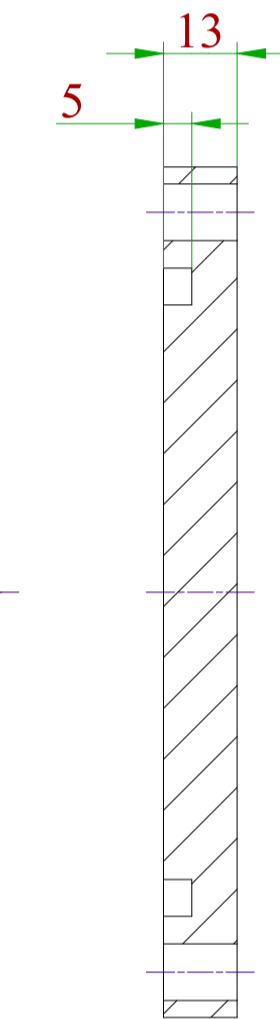
Pos. 14-2 : Spacer View
Scale : (2 : 1)



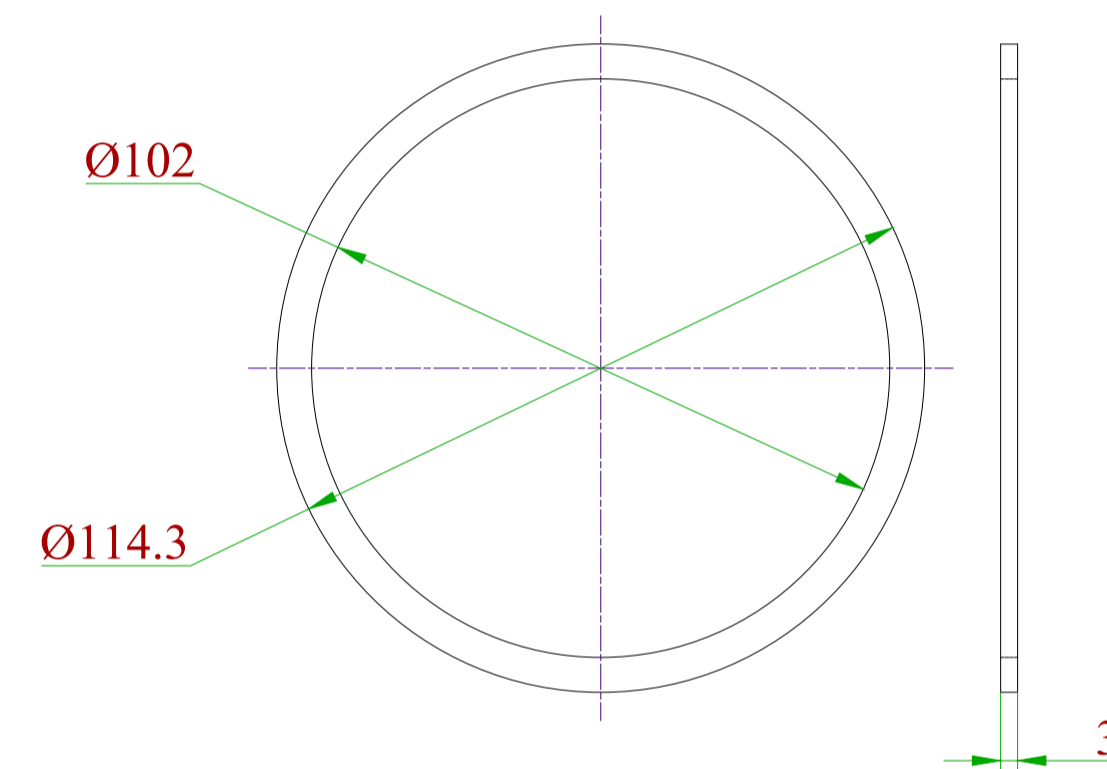
Pos. 11 : Bush View
Scale : (2 : 1)



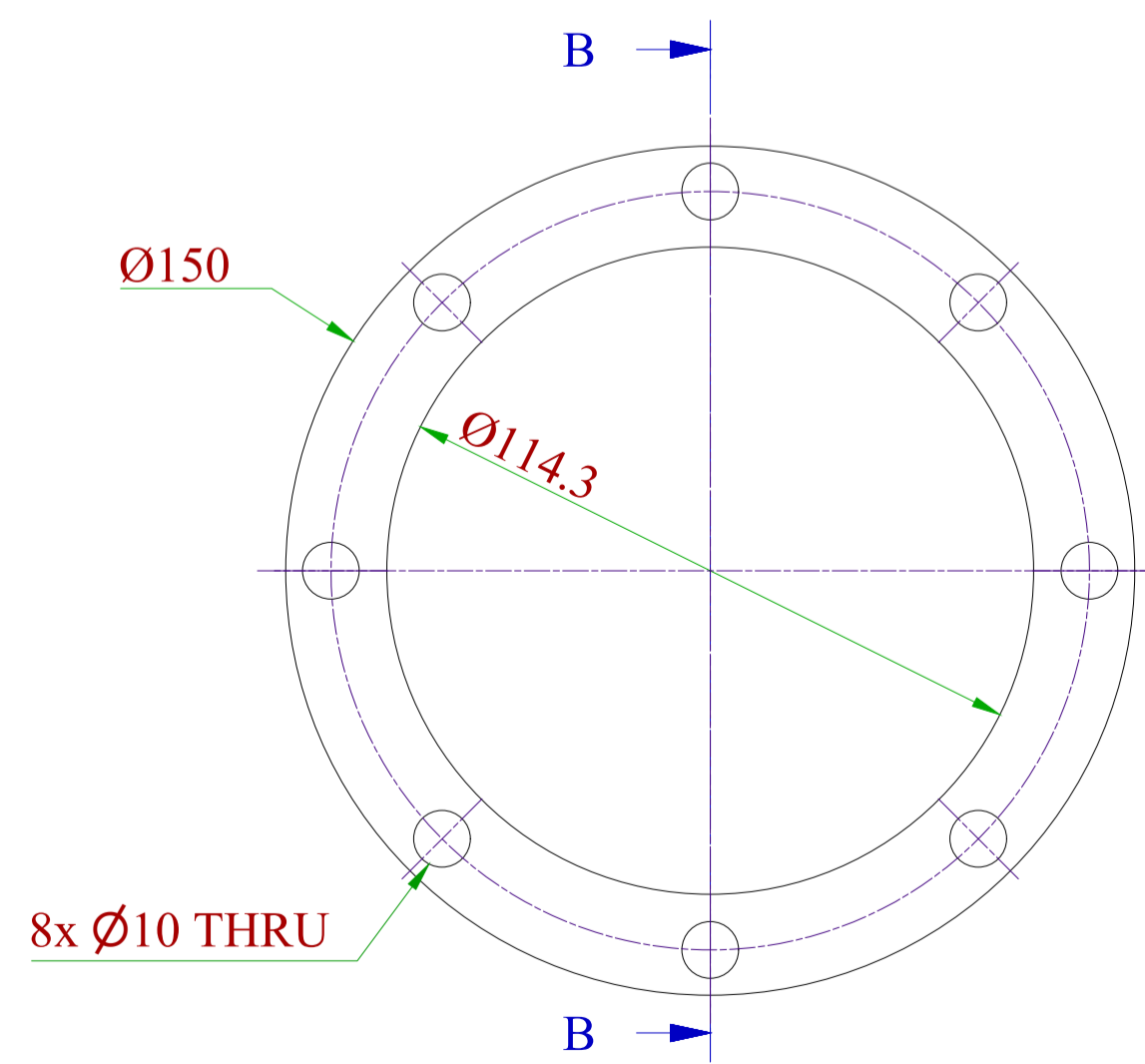
Pos. 02 : Blind Flange View
Scale : (1 : 2)



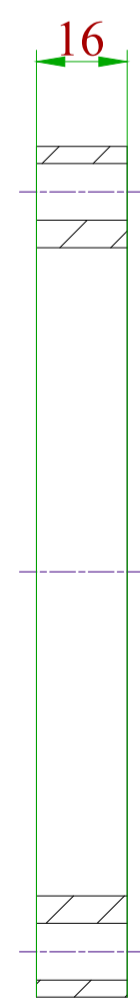
Section A-A
Scale : (1 : 2)



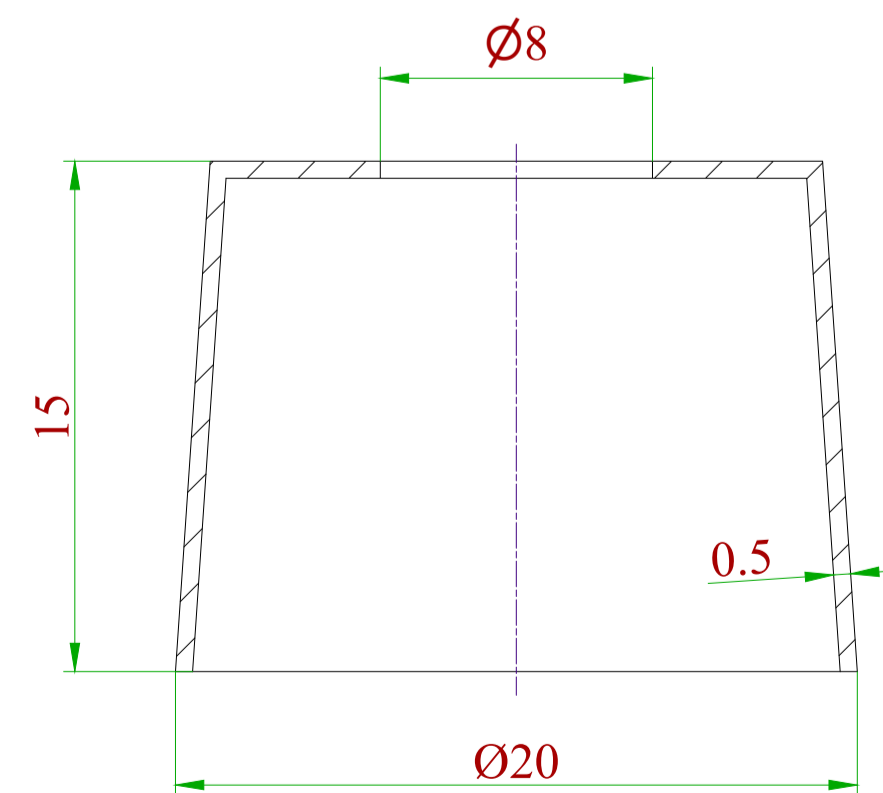
Pos. 03 : Seal Ring View
Scale : (1 : 2)



Pos. 16 : End Flange View
Scale : (1 : 2)



Section B-B
Scale : (1 : 2)



Pos. 09 : Strainer Cap View
Scale : (3 : 1)

Pos.	ITEM	Description	Material	Qty	Unit Weight	Total Weight
14-3	Pipe	Pipe - Sch.40s, ANSI B36.19	S.S.304	1	0.70 kg	0.70 kg
14-2	Spacer	Ø50 X Th.=22	S.S.304	1	1.2 kg	1.2 kg
14-1	Semi Cone	Note.1	S.S.304	1	0.039 kg	0.039 kg

PARTS LIST

CLIENT:	MC	CONTRACTOR:
<small>Persian Gulf Petrochemical Industries Co.</small>	<small>Persian Gulf Petrochemical Industries Co. (PGPIC)</small>	<small>Petropars Ltd.</small>

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00	02-01-2022	ISSUE FOR APPROVAL	F.SARLAK	M.NAZARSHOAR	DR.A.NEJATI