Base Load Power Hub (BLPH)

AIR RELEASE VALVES

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Document Class: **2**

Rev.	Date	Description	Prepared	Reviewed	Approved
04	18/11/2024	Accepted for Contruction (AFC)	LA	AM	BV
03	25/09/2024	Accepted for Contruction (AFC)	LA	AM	BV
02	22/07/2024	Accepted for Contruction (AFC)	LA	AM	BV
01	11/07/2024	Accepted for Contruction (AFC)	LA	AM	BV
00	17/06/2024	Issue for Review (IFR)	LA	AM	BV

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BASE LOAD POWER HUB (BLPH)

VALVE AIR RELEASE AND VACUUM 1" ANSI 150 RF ASSEMBLED

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	18/11/24	SC	LA	BV	ACCEPTED FOR CONSTRUCTION (AFC)
03	23/09/24	SC	LA	BV	ACCEPTED FOR CONSTRUCTION (AFC)
02	22/07/24	SC	LA	BV	ACCEPTED FOR CONSTRUCTION (AFC)
01	11/07/24	SC	LA	BV	ACCEPTED FOR CONSTRUCTION (AFC)
00	17/06/24	SC	LA	BV	ISSUE FOR REVIEW (IFR)

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ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
VALVE AIR RELEASE AND VACUUM 1" ANSI 150 RF ASSEMBLED
FRONT PAGE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001062-PP-DA-00003

SHEET 001

REV. 04

File Name : 1724001062-PP-DA-00003 Rev. 00

F.to UNI A3: 420mmx297mm

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
04	001	FRONT PAGE	
04	002	SUMMARY and GENERAL NOTES	
04	003	VALVE AIR RELEASE AND VACUUM 1" ANSI 150 RF ASSEMBLED	DWG OC1645-24

GENERAL NOTES

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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SUMMARY and GENERAL NOTES

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

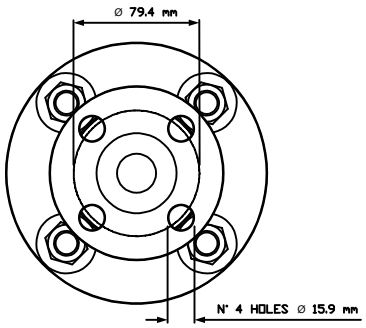
DRAWING NO. 1724001062-PP-DA-00003

SHEET 002

REV. 04

File Name : 1724001062-PP-DA-00003 Rev. 00

F.to UNI A3: 420mmx297mm

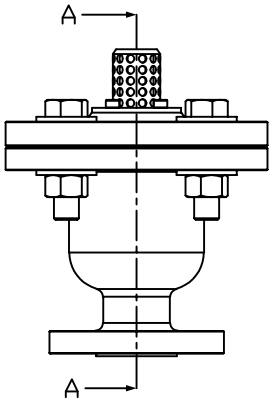


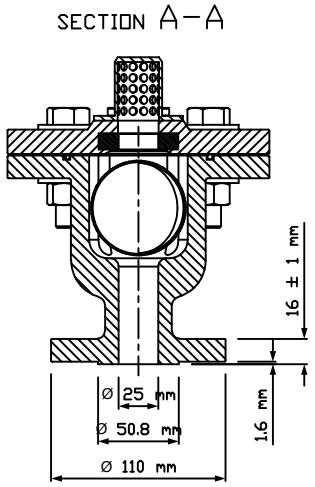
DESIGN CONDITION	OPERATIVE CONDITION
Temperature: 80 °C	Temperature: 22 °C
Pressure: 7.6 barg	Pressure: 5.6 barg

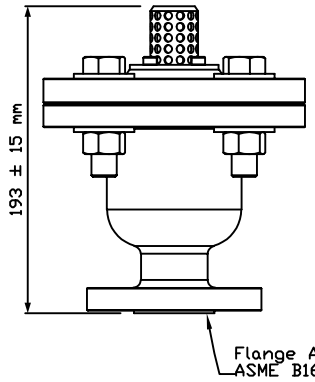
ID	Tag
80021	SP-0043
80021	SP-0044

Note: Flange thickness in accordance to ASME B16.5_2020

Pos.	Description	Material
1	Body Air Release 1" 150RF	ASTM A182 F55
2	Cover Seal Air Release 1" 150	ASTM A182 F55
3	Gasket ball D50 x 25 x 10 mm	NBR 70 Sh.
4	O-Ring 4350	NBR 70 Sh
5	Floater	ASTM A240 UNS 32760
6	Screen Perf. Plate	ASTM A240 UNS 32760
7	Bolt Ex. 5/8" UNC x 65 mm ANSI B1.1 (Q.ty 4)	ASTM A193 B8
8	Washer 5/8" UNC ANSI B18.22.1 (Q.ty8)	STAINLESS STEEL
9	Nut 5/8" UNC ANSI B18.22.1 (Q.ty 4)	ASTM A194 Gr. 8
10	Bolt Ex. Socket M6 x 14 mm UNI EN 1515-1:2002 (Q.ty 4)	ASTM A193 B8

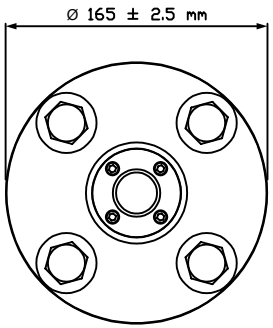






HYDROSTATIC SHALL TESTING VALUES				
Item Description	Tag N°	Material	Design Pressure [barg]	Body Pressure Test [barg]
Air Release / Vacuum Valve	SP-0043	ASTM A182 F55	7.6	11.4
Air Release / Vacuum Valve	SP-0044	ASTM A182 F55	7.6	11.4

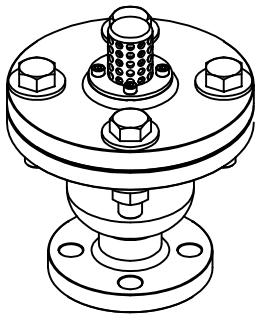
HYDROSTATIC SEAT TESTING VALUES				
Item Description	Tag N°	Material	Design Pressure [barg]	Body Pressure Test [barg]
Air Release / Vacuum Valve	SP-0043	ASTM A182 F55	7.6	8.4
Air Release / Vacuum Valve	SP-0044	ASTM A182 F55	7.6	8.4

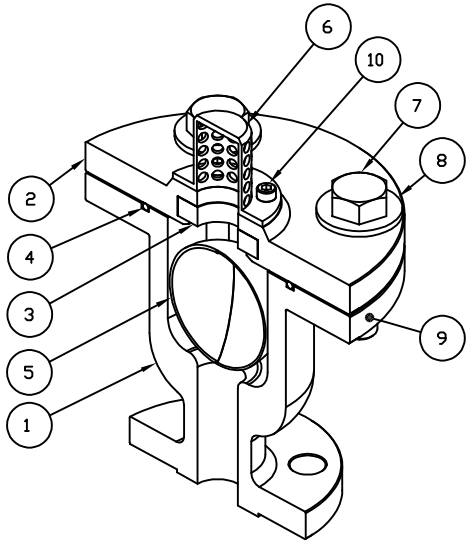


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Description	AIR RELEASE & VACUUM VALVE
Size	DN25 – 1"
Flange Rating	ASME B16.5 150LB RF
Body	ASTM A182 F55
Floater	ASTM A240 UNS 32760
Job N°	OC 1645.24
Date	2024
Tag N.	(ONE FOR EACH TAG)
Installation:	VERTICAL ONLY

Made in Italy





04	18/11/24	SC	LA	BV	ACCEPTED FOR CONSTRUCTION (AFC)
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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

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CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : N/A

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