Base Load Power Hub (BLPH)

GLOBE & CHECK VALVES

GENERAL ARRANGEMENTS DRAWING WITH BoM, WEIGHTS AND DIMENSIONS

Document Number: 1724000799-PP-DD-00003

Document Class: 2

02	05/08/2024	Accepted for construction (AFC)	A.B.	A.M.	E.D.F.
01	06/06/2024	Issue for Review (IFR)	A.M.	A.M.	S.D.
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Rev.	Date	Description	Prepared	Reviewed	Approved
F.R.I. SRL					

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Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Issue for Review (IFR)
02	Accepted for construction (AFC)

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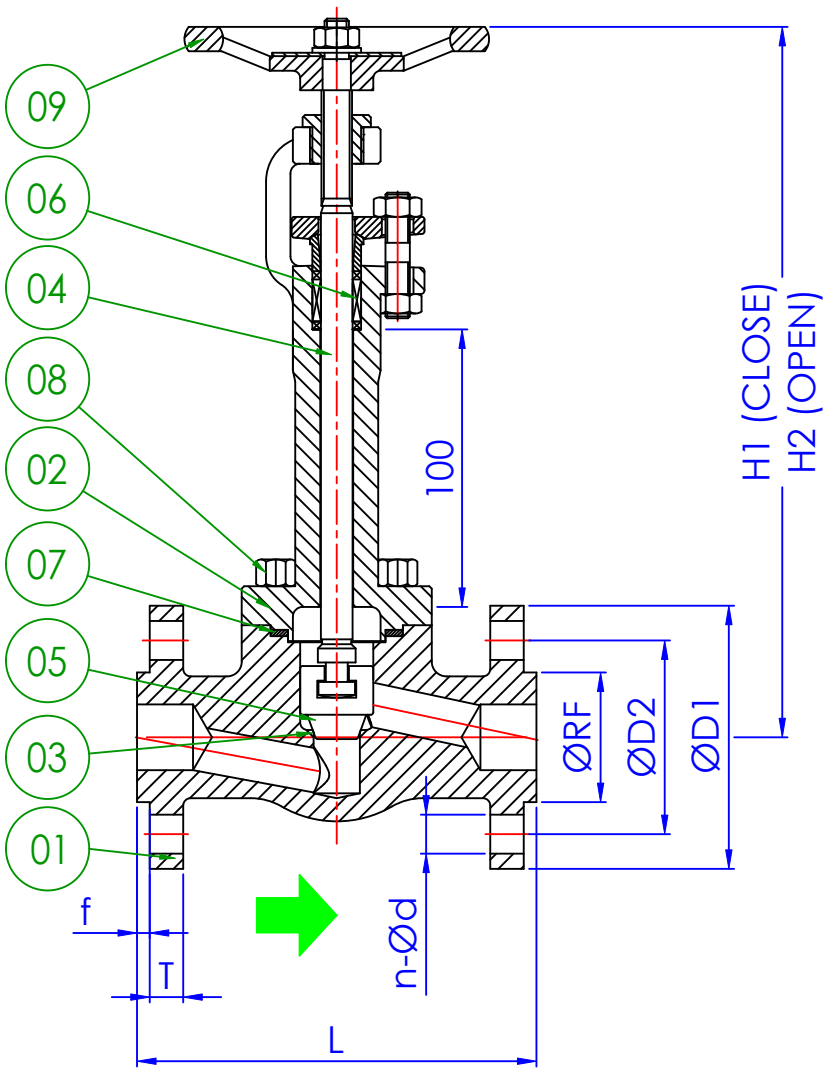
PO ITEM	NO. DISEGNO COSTRUTTIVO	CODICE SAP	NO. DATASHEET 123A90-DDL-PP-DS-70003 Rev.02	TAG NUMBER	NOTES	PAGE
10	F240106POS010	VDA0NN16000100	HS01B02RF	BLPH-MV-418	Stem Extension 100mm	5
20	F240106POS020	VDA0NN16150H00	HS01P01KT	BLPH-MV-215	Stem Extension 100mm	6
20	F240106POS020	VDA0NN16150H00	HS01P01KT	BLPH-MV-401	Stem Extension 100mm	
30	F240106POS030	VDE0NN02580100	NT01B02RF	BLPH-MV-171		7
40	F240106POS040	VDRNNN02460100	CH01C02RFH	BLPH-NRV-020		8
40	F240106POS040	VDRNNN02460100	CH01C02RFH	BLPH-NRV-021		
50	F240106POS050	VDRNNN02511H00	CH01F02RF	BLPH-NRV-004		9
50	F240106POS050	VDRNNN02511H00	CH01F02RF	BLPH-NRV-008		
60	F240106POS060	VDRNNN02580100	CH01B02RF	BLPH-NRV-019		10
70	F240106POS060	VDRNNN02591H00	CH01B02RF	BLPH-NRV-028		
80	F240106POS080	VDRNNN02620100	CH03C02RFH	BLPH-NRV-023		11
80	F240106POS080	VDRNNN02620100	CH03C02RFH	BLPH-NRV-027		
80	F240106POS080	VDRNNN02620100	CH03C02RFH	BLPH-NRV-029		
80	F240106POS080	VDRNNN02620100	CH03C02RFH	BLPH-NRV-030		
80	F240106POS080	VDRNNN02620100	CH03C02RFH	BLPH-NRV-031		
90	F240106POS090	VDRNNN02640100	CH01P01KT	BLPH-NRV-007		12
90	F240106POS090	VDRNNN02640100	CH01P01KT	BLPH-NRV-024		
90	F240106POS090	VDRNNN02640100	CH01P01KT	BLPH-NRV-025		
NAME PLATE						13

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POS	DESIGN TEMPERATURE	DESIGN PRESSURE	OPERATING TEMPERATURE
010	FROM -46°C TO +100°C	17.7 BAR	FROM -10°C TO +70°C
020	FROM +5°C TO +50°C	4.5 BAR	FROM +5°C TO +25°C
030	FROM -46°C TO +100°C	17.7 BAR	FROM -10°C TO +70°C
040	FROM -29°C TO +100°C	16.2 BAR	FROM -27°C TO +25°C
050	FROM -29°C TO +100°C	17.7 BAR	FROM +5°C TO +25°C
060	FROM -46°C TO +100°C	17.7 BAR	FROM -10°C TO +70°C
070	FROM -46°C TO +100°C	17.7 BAR	FROM -10°C TO +70°C
080	FROM -46°C TO +80°C	40 BAR	FROM -27°C TO +65°C
090	FROM +5°C TO +50°C	4.5 BAR	FROM +5°C TO +25°C

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POS	SAP NUMBER	DATASHEET	TAG VALVE	SIZE	CLASS	L	H1	H2	ØD1	ØD2	ØRF	f	T	n-Ød	WEIGHT
010	VDA0NN16000100	HS01B02RF	BLPH-MV-418	1"	150#	127	315	331	108	79.2	50.8	1.5	9.7	4-Ø16	6.5 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A350 LF2
02	BONNET	ASTM A350 LF2
03	SEAT	ASTM A182 F6A+STL
04	STEM	ASTM A182 F6A
05	DISC	ASTM A182 F6A+STL
06*	PACKING	GRAPHITE
07*	GASKET	S.W. SS316+GRAPHITE
08	BOLTINGS	ASTM A193 B7/ASTM A194 2H
09	OPERATOR	HANDWHEEL

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- GLOBE VALVE
- VALVE DESIGN AS PER EN ISO 15761
- FIRE SAFE API 6FA/ BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ISO 5752
- CORROSION ALLOWANCE 3mm
- PAINTING AS PER DOC 123A90-DDL-MAT-SP-60006 PAINT SYS 9
- TESTS: PRESSURE + VISUAL + DPI 100% + FUGITIVE EMISSION
- LOCKING DEVICE
- STEM EXTENSION: 100mm
- DIMENSIONS IN mm
- TESTING AS PER API598
- IMPACT TEST AT -46°C
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -46°C TO +100°C
- OPERATING TEMPERATURE: FROM -10°C TO +70°C
- DESIGN PRESSURE: 17.7 BAR
- PIPING CLASS: 01CS
- BODY AND HANDWHEEL COLOR RAL 9002

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
00	15/05/2024	S.S	S.D.	E.K.	ISSUE FOR REVIEW (IFR)

F.R.I. SRL

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
GLOBE VALVE

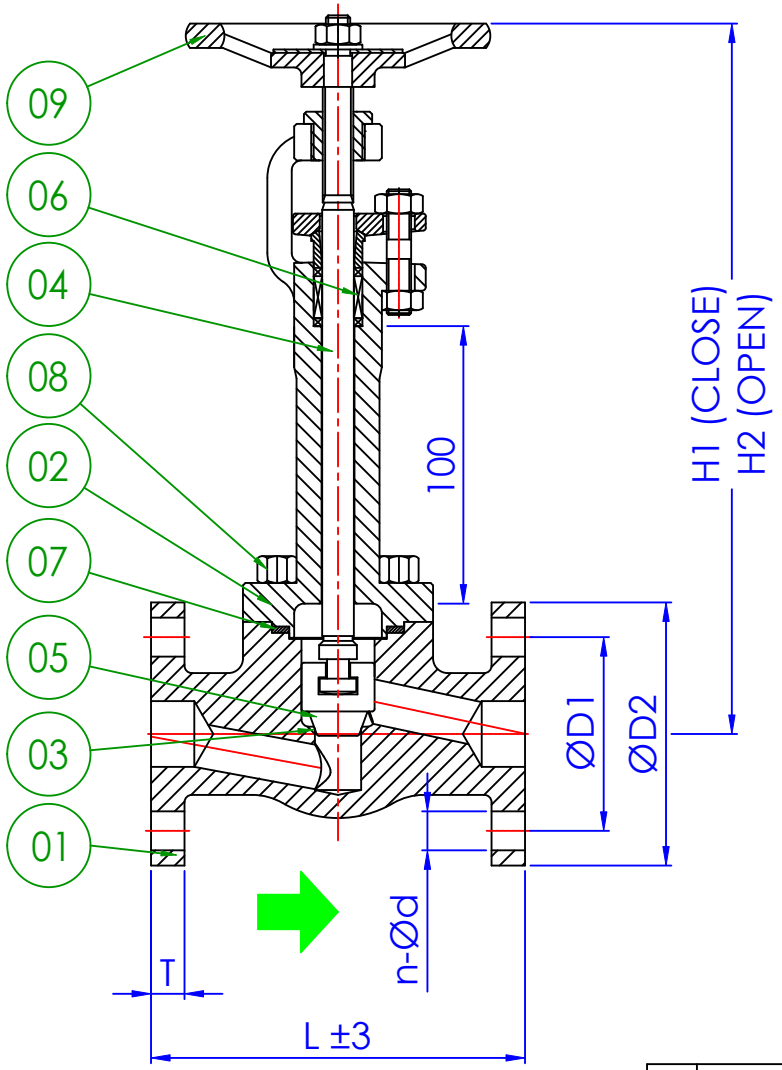
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS010 | SHEET 005 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1724000799-PP-DD-00003

POS	SAP NUMBER	DATASHEET	TAG VALVE	SIZE	CLASS	L	ØD1	ØD2	T	H1	H2	WEIGHT
020	VDA0NN16150H00	HS01P01KT	BLPH-MV-215 BLPH-MV-401	1/2"	150#	108	60.5	89	9.5	290	300	4.3 KG



POS	DESCRIPTION	MATERIAL
01	BODY	HASTELLOY C-276
02	BONNET	HASTELLOY C-276
03	SEAT	HASTELLOY C-276
04	STEM	HASTELLOY C-276
05	DISC	HASTELLOY C-276
06*	PACKING	RPTFE
07*	GASKET	RPTFE
08	BOLTINGS	ASTM A193 B8M/ASTM A194 8M
09	OPERATOR	HANDWHEEL

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- GLOBE VALVE
- VALVE DESIGN AS PER ASME B16.34 / API 602
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; FF
- FACE TO FACE AS PER ASME B16.10
- FLUID: CHEMICAL INJECTION
- CORROSION ALLOWANCE: 0mm
- STEM EXTENSION: 100mm
- TESTS: PRESSURE + VISUAL
- LOCKING DEVICE
- DIMENSIONS IN mm
- TESTING AS PER API598
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM +5°C TO +50°C
- OPERATING TEMPERATURE: FROM +5°C TO +25°C
- DESIGN PRESSURE: 4.5 BAR
- PIPING CLASS: 01CP
- COLOR RAL 9002 FOR BODY AND HANDWHEEL

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
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00	15/05/2024	S.S	S.D.	E.K.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
GLOBE VALVE

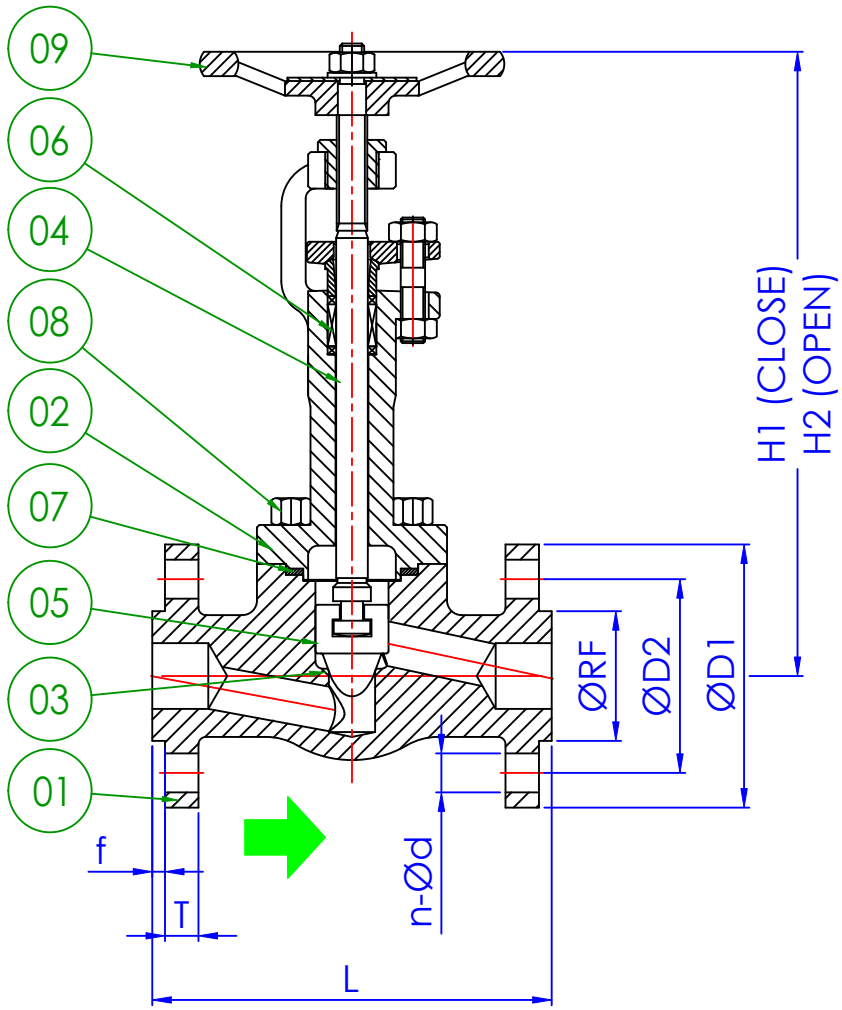
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS020 | SHEET 006 | REV. 02

File Name : 1724000799-PP-DD-00003

F.to UNI A3: 420mmx297mm

POS	SAP NUMBER	DATASHEET	TAG VALVE	SIZE	CLASS	L	H1	H2	ØD1	ØD2	ØRF	f	T	n-Ød	WEIGHT
030	VDE0NN02580100	NT01B02RF	BLPH-MV-171	1"	150#	127	195	210	108	79.2	50.8	1.5	9.7	4-Ø16	4.7 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A350 LF2
02	BONNET	ASTM A350 LF2
03	SEAT	ASTM A182 F6A+STL
04	STEM	ASTM A182 F6A
05	DISC	ASTM A182 F6A+STL
06*	PACKING	GRAPHITE
07*	GASKET	S.W. SS316+GRAPHITE
08	BOLTINGS	ASTM A193 B7/ASTM A194 2H
09	OPERATOR	HANDWHEEL

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- GLOBE NEEDLE VALVE
- VALVE DESIGN AS PER ASME B16.34 / BS 1873
- FIRE SAFE API 6FA/ BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ASME B16.10
- CORROSION ALLOWANCE: 3mm
- TESTS: PRESSURE + VISUAL
- FLUIDS: Nitrogen Gas (N), Atmospheric Vent (AV), Concentrated Brine (CB), Deionised Water (DI), Demineralized Water (DM), Sea Water Return (SWR), Waste Water (WW)
- PAINTINGS PER DOC 123A90-DDL-MAT-SP-60006 SYSTEM 1
- LOCKING DEVICE
- DIMENSIONS IN mm
- TESTING AS PER API598
- IMPACT TEST AT -46°C
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -46°C TO +100°C
- OPERATING TEMPERATURE: FROM -10°C TO +70°C
- DESIGN PRESSURE: 17.7 BAR
- PIPING CLASS: 01CS
- COLOR RAL 9002 FOR BODY AND HANDWHEEL

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
00	15/05/2024	S.S	S.D.	E.K.	ISSUE FOR REVIEW (IFR)

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TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
GLOBE VALVE

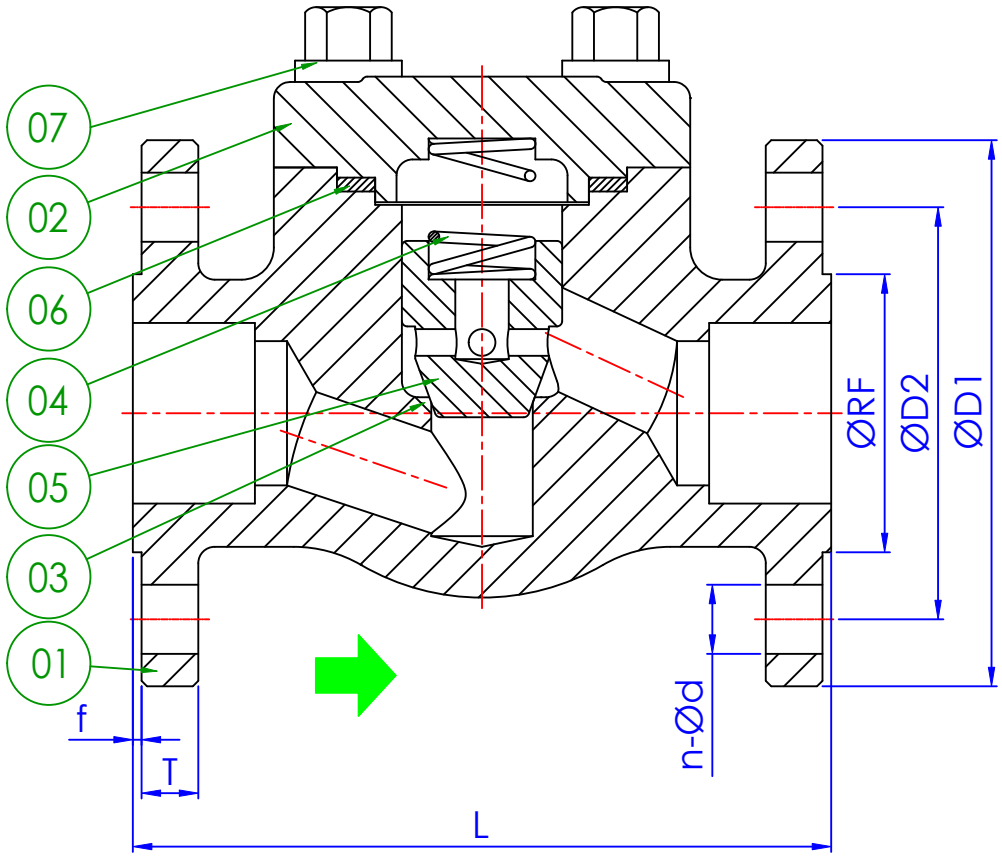
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS030 | SHEET 007 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1724000799-PP-DD-00003

POS	SAP NUMBER	DATASHEET	TAG NUMBER	SIZE	CLASS	L	ØRF	ØD2	ØD1	T	f	n-Ød	WEIGHT
040	VDRNNN02460100	CH01C02RFH	BLPH-NRV-020 BLPH-NRV-021	1"	150#	127	50.8	79.2	108	9.7	1.5	4-Ø16	4.7 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A182 F316/ASTM A182 F316L
02	BONNET	ASTM A182 F316/ASTM A182 F316L
03	SEAT	ASTM A182 F6A+STL
04	SPRING	SS316
05	DISC	ASTM A182 F316+STL
06*	GASKET	S.W. SS316+GRAPHITE
07	BOLTINGS	ASTM A193 B8M/ASTM A194 8M

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- CHECK PISTON VALVE
- VALVE DESIGN AS PER EN ISO 15761
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ISO 5752
- DIMENSIONS IN mm
- TESTING AS PER API598
- TESTS: HELIUM PRESSURE TESTS + FUGITIVE + VISUAL + DPI
- PAINTINGS AS PER DOC 123A90-DDL-MAT-SP-60006 SYSTEM 6A
- FLUIDS: Hydrogen (HY), LP Vent (VL), Nitrogen (N)
- CORROSION ALLOWANCE: 0mm
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -29°C TO +100°C
- OPERATING TEMPERATURE: FROM -27°C TO +25°C
- DESIGN PRESSURE: 16.2 BAR
- PIPING CLASS: 01HSS
- COLOR RAL 9002 FOR BODY

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
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TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
CHECK PISTON VALVE

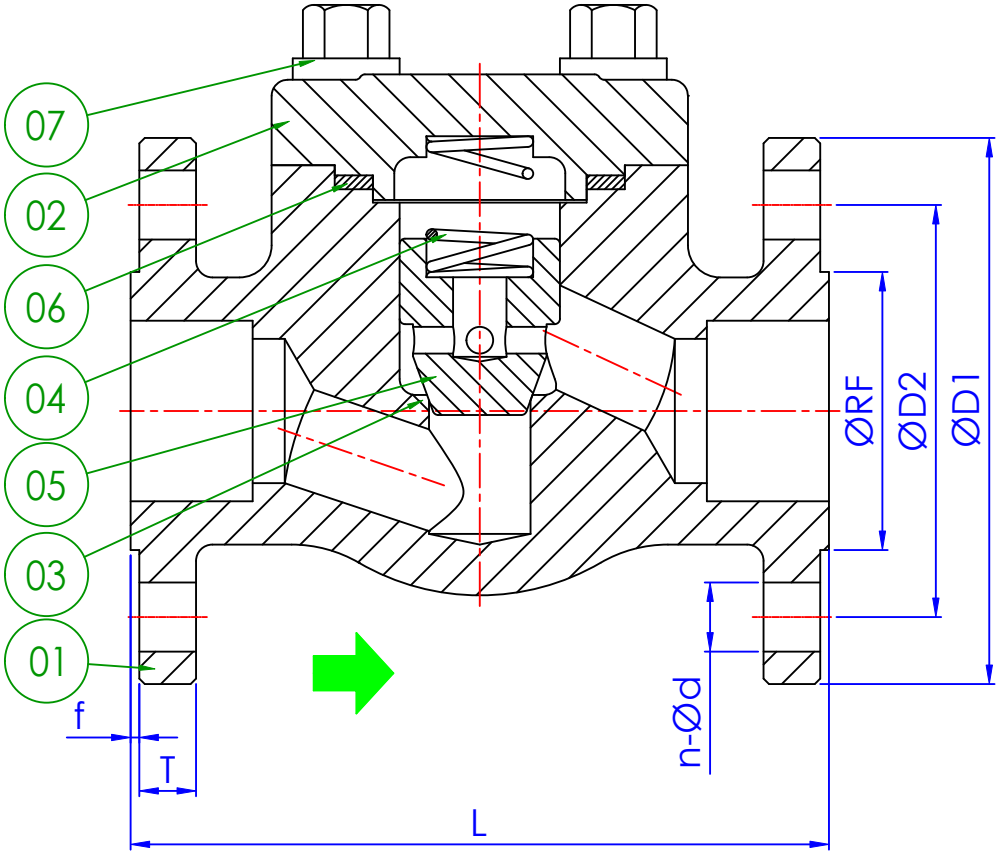
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS040 | SHEET 008 | REV. 02

File Name : 1724000799-PP-DD-00003

F.to UNI A3: 420mmx297mm

POS	SAP NUMBER	DATASHEET	TAG NUMBER	SIZE	CLASS	L	ØRF	ØD2	ØD1	T	f	n-Ød	WEIGHT
50	VDRNNN02511H00	CH01F02RF	BLPH-NRV-004 BLPH-NRV-008 BLPH-NRV-026	1-1/2"	150#	165	73	98.6	127	12.7	1.5	4-Ø16	8.5 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A182 F53
02	BONNET	ASTM A182 F53
03	SEAT	ASTM A182 F53 + STELLITE
04	SPRING	INCONEL X-750
05	BALL	ASTM A182 F53 + STELLITE
06*	GASKET	S.W. SS316 + GRAPHITE
07	BOLTINGS	ASTM A193 B7 + HDG/ASTM A194 2H + HDG

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- CHECK PISTON VALVE
- VALVE DESIGN AS PER EN ISO 15761
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ISO 5752
- DIMENSIONS IN mm
- TESTING AS PER API598
- TESTS: PRESSURE + VISUAL
- FLUID: Sea Water Return (SWR), Sea Water Supply (SWS)
- IMPACT TEST ON RAW MATERIAL OF BODY AND CLOSURE AT -50°C
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -29°C TO +100°C
- OPERATING TEMPERATURE: FROM +5°C TO +25°C
- DESIGN PRESSURE: 17.7 BAR
- PIPING CLASS: 01SD
- COLOR RAL 9002 FOR BODY

F.R.I. SRL

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
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TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
CHECK PISTON VALVE

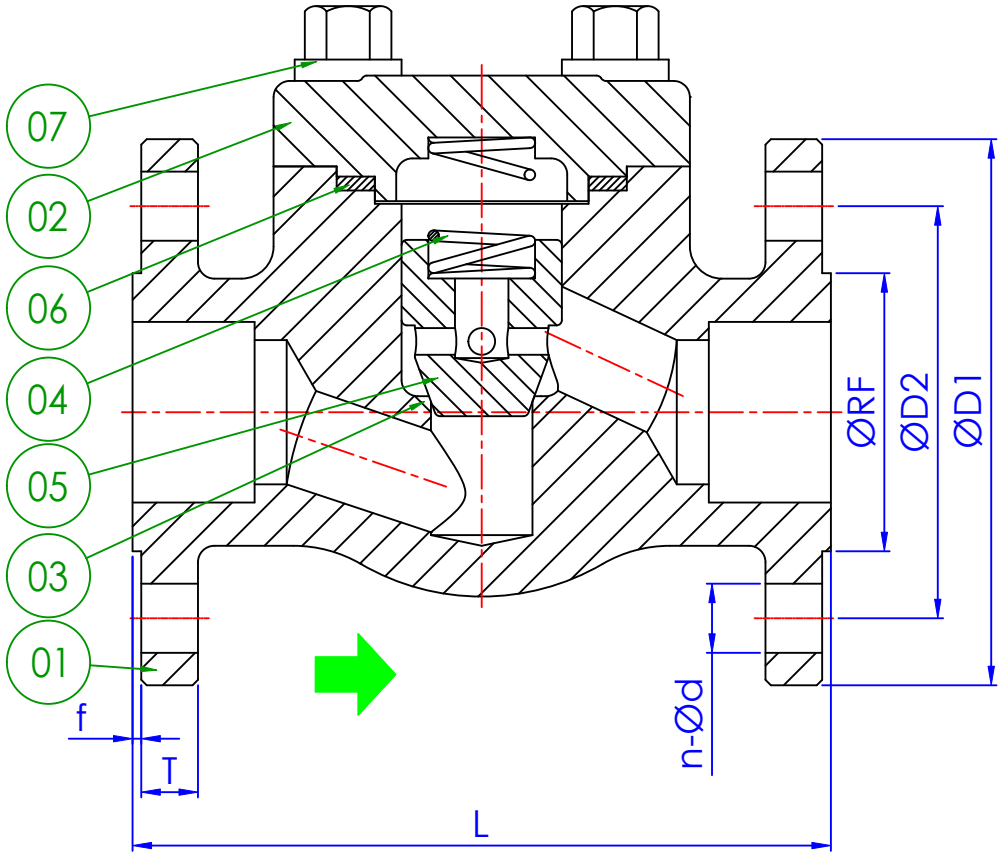
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS050 | SHEET 009 | REV. 02

File Name : 1724000799-PP-DD-00003

F.to UNI A3: 420mmx297mm

POS	SAP NUMBER	DATASHEET	TAG NUMBER	SIZE	CLASS	L	ØRF	ØD2	ØD1	T	f	n-Ød	WEIGHT
60	VDRNNN02580100	CH01B02RF	BLPH-NRV-019	1"	150#	127	50.8	79.2	108	9.7	1.5	4-Ø16	4.6 KG
70	VDRNNN02591H00	CH01B02RF	BLPH-NRV-028	1-1/2"	150#	165	73	98.6	127	12.7	1.5	4-Ø16	8.5 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A350 LF2
02	BONNET	ASTM A350 LF2
03	SEAT	ASTM A182 F6A+STL
04	SPRING	SS304
05	BALL	ASTM A182 F6A+STL
06*	GASKET	S.W. SS316+GRAPHITE
07	BOLTINGS	ASTM A193 B7/ASTM A194 2H+HDG

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- CHECK PISTON VALVE
- VALVE DESIGN AS PER EN ISO 15761
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ISO 5752
- DIMENSIONS IN mm
- TESTING AS PER API598
- CORROSION ALLOWANCE: 3mm
- TESTS: PRESSURE + VISUAL
- FLUID: Nitrogen Gas (N), Atmospheric Vent (AV), Concentrated Brine (CB), Deionised Water (DI), Demineralized Water (DM), Sea Water Return (SWR), Waste Water (WW)
- PAINTING AS PER DOC 123A90-DDL-MAT-SP-60006 SYSTEM 1
- IMPACT TEST AT -46°C
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -46°C TO +100°C
- OPERATING TEMPERATURE: FROM -10°C TO +70°C
- DESIGN PRESSURE: 17.7 BAR
- PIPING CLASS: 01CS
- COLOR RAL 9002 FOR BODY

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
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ROSETTI MARINO

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GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
CHECK PISTON VALVE

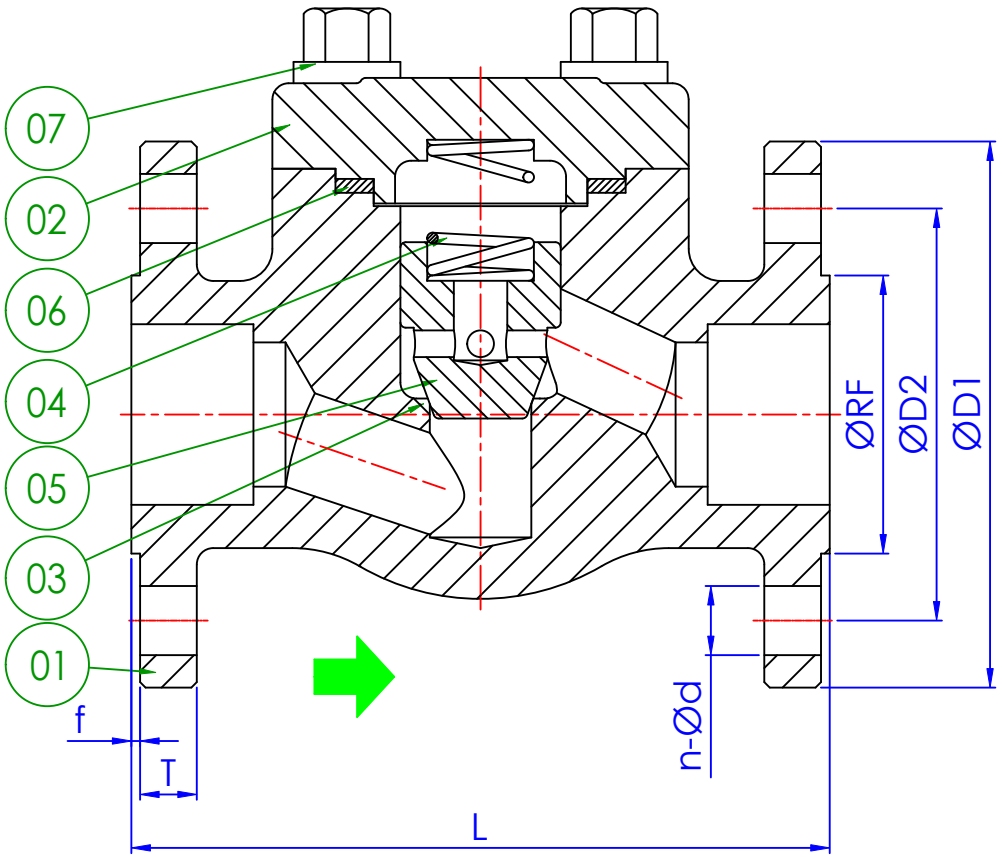
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS060 | SHEET 010 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1724000799-PP-DD-00003

POS	SAP NUMBER	DATASHEET	TAG NUMBER	SIZE	CLASS	L	ØRF	ØD2	ØD1	T	f	n-Ød	WEIGHT
80	VDRNNN02620100	CH03C02RFH	BLPH-NRV-014 BLPH-NRV-023 BLPH-NRV-027 BLPH-NRV-029 BLPH-NRV-030 BLPH-NRV-031	1"	300#	216	50.8	88.9	124	15.7	1.5	4-Ø19	7 KG



POS	DESCRIPTION	MATERIAL
01	BODY	ASTM A182 F316/ASTM A182 F316L
02	BONNET	ASTM A182 F316/ASTM A182 F316L
03	SEAT	ASTM A182 F316 + STELLITE
04	SPRING	SS316
05	BALL	ASTM A182 F316+ STELLITE
06*	GASKET	S.W. SS316 + GRAPHITE
07	BOLTINGS	ASTM A193 B8M/ASTM A194 8M

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- CHECK PISTON VALVE
- VALVE DESIGN AS PER EN ISO 15761
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; RF
- FACE TO FACE AS PER ISO 5752
- DIMENSIONS IN mm
- TESTING AS PER API598
- TESTS: HELIUM PRESSURE TESTS + FUGITIVE + VISUAL + DPI
- CORROSION ALLOWANCE: 3 mm
- PAINTING AS PER DOC 123A90-DDL-MAT-SP-60006 SYSTEM 6A
- FLUID: Hydrogen (HY)
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM -46°C TO +80°C
- OPERATING TEMPERATURE: FROM -27°C TO +65°C
- DESIGN PRESSURE: 40 BAR
- PIPING CLASS: 03HSS
- COLOR RAL 9002 FOR BODY

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
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F.R.I. SRL

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
GENERAL ARRANGEMENTS DRAWING WITH BoM,WEIGHTS AND DIMENSIONS
CHECK PISTON VALVE

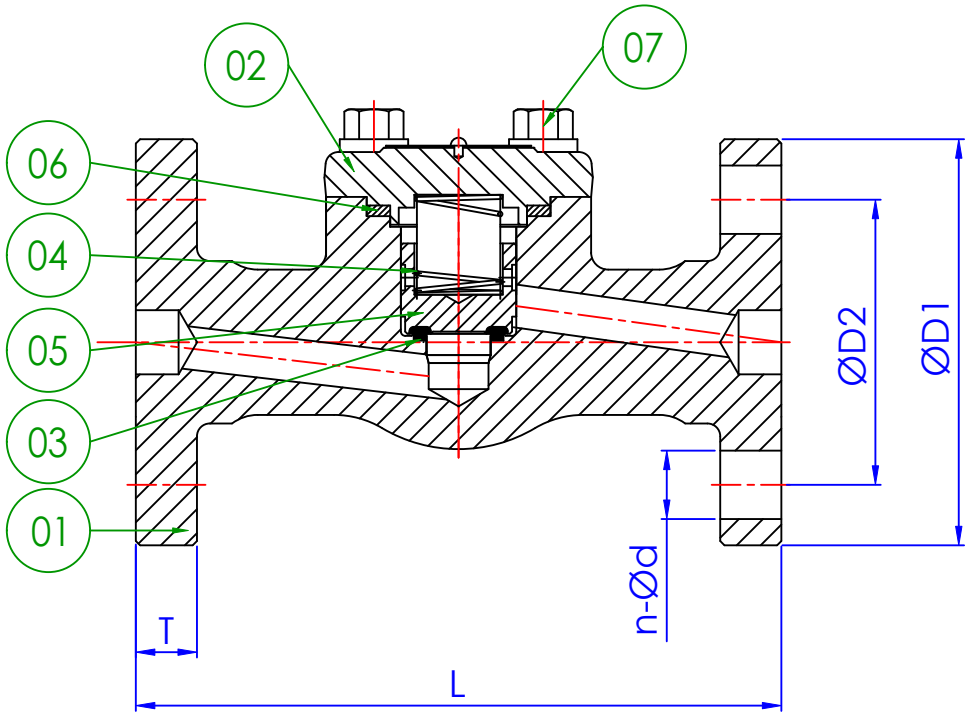
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : 1:X

A3 | DRAWING NO. F240106POS080 | SHEET 011 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1724000799-PP-DD-00003

POS	SAP NUMBER	DATASHEET	TAG NUMBER	SIZE	CLASS	L	ØD2	ØD1	T	n-Ød	WEIGHT
90	VDRNNN02640100	CH01P01KT	BLPH-NRV-007 BLPH-NRV-024 BLPH-NRV-025	1"	150#	124	79.2	108	9.7	4-Ø16	4.5 KG



POS	DESCRIPTION	MATERIAL
01	BODY	HASTELLOY C276
02	BONNET	HASTELLOY C276
03	SEAT	HASTELLOY C276
04	SPRING	SS316
05	BALL	HASTELLOY C276
06*	GASKET	RPTFE
07	BOLTINGS	ASTM A193 B8M/ASTM A194 8M

* SUGGESTED SPARE PARTS

GENERAL NOTES:

- CHECK PISTON VALVE
- VALVE DESIGN AS PER ASME B16.34/ API 602
- FIRE SAFE: API 6FA / BS6755 PT2
- ENDS AS PER ASME B16.5; FF
- FACE TO FACE AS PER ASME B16.10
- DIMENSIONS IN mm
- TESTING AS PER API598
- TESTS: PRESSURE + VISUAL
- CORROSION ALLOWANCE: 0mm
- FLUID: Chemical Injection (CI)
- HARDNESS TEST ON BODY, CLOSURE AND WETTED PARTS
- PMI TEST ON BODY, CLOSURE AND WETTED PARTS
- DESIGN TEMPERATURE: FROM +5°C TO +50°C
- OPERATING TEMPERATURE: FROM +5°C TO +25°C
- DESIGN PRESSURE: 4.5 BAR
- PIPING CLASS: 01CP
- COLOR RAL 9002 FOR BODY

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	05/08/2024	A.B.	M.A	E.K.	ACCEPTED FOR CONSTRUCTION (AFC)
01	06/06/2024	M.A.	S.D.	E.K.	ISSUE FOR REVIEW (IFR)
00	15/05/2024	S.S	S.D.	E.K.	ISSUE FOR REVIEW (IFR)

F.R.I. SRL

CROSSWIND

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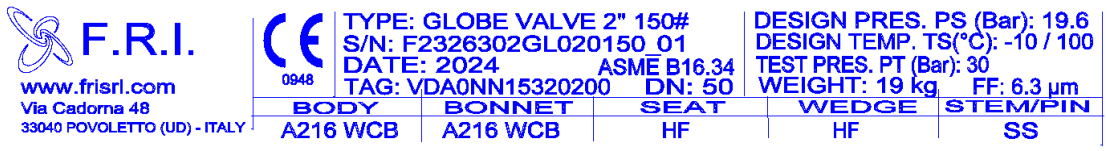
A3 | DRAWING NO. F240106POS090 | SHEET 012 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1724000799-PP-DD-00003

Nameplates (for reference only): ITEM 02 CE, ITEM 23 SEP (Dimensions may vary)

ITEM 02: RECTANGULAR DIMENSIONS 150mmx15mm



ITEM 23: ROUND DIMENSIONS ϕ_{outer} =40mm ϕ_{inner} =10mm

