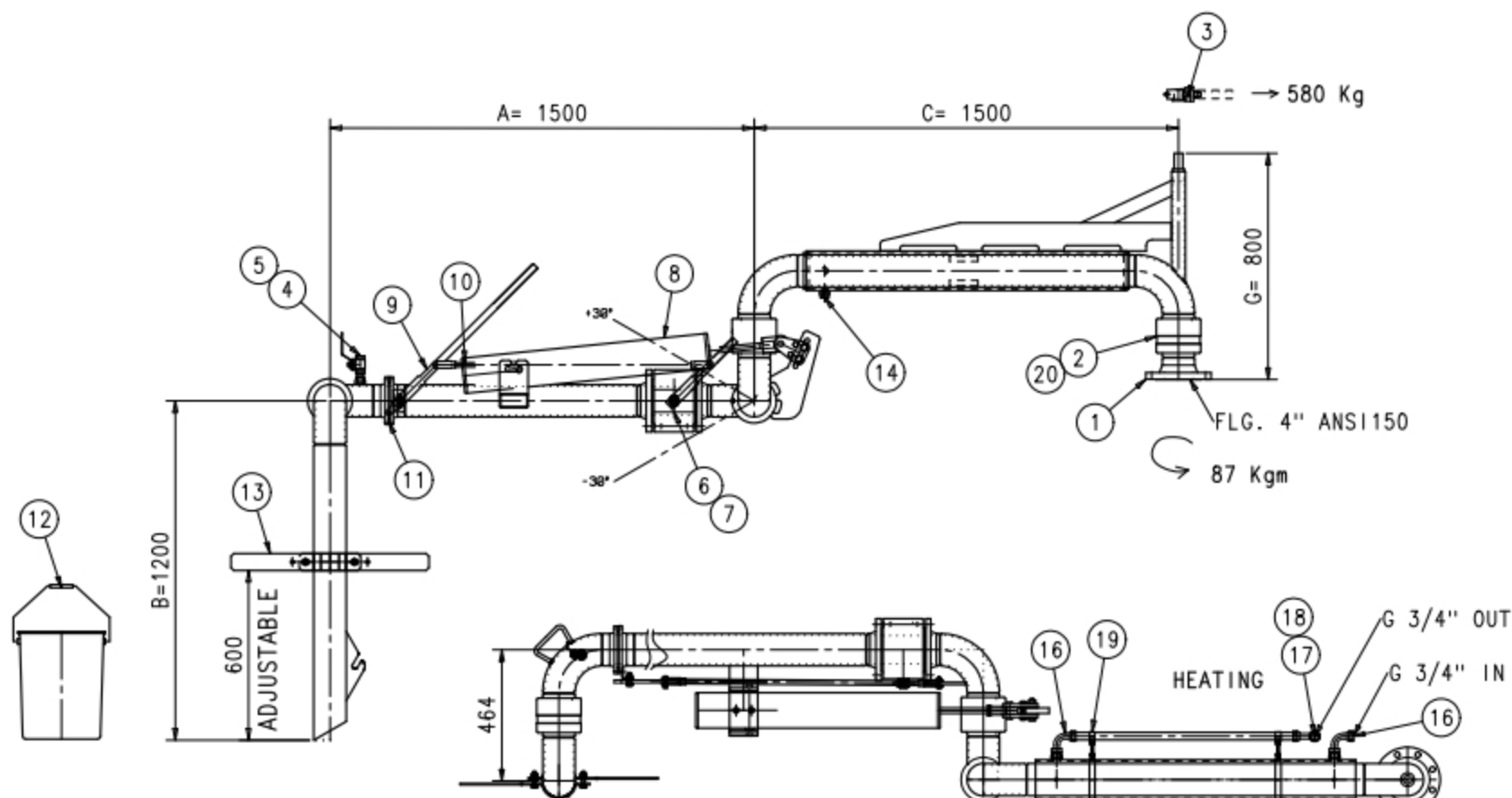




SPECIFICATIONS

PRODUCT	: HOT PRODUCTS
SEALS:	PTFE
DESIGN PRESSURE	: 10 bar
TEST PRESSURE	: 15 bar
DESIGN TEMP	: -8°/+250° °C
TEST PRESS JACKET	: 25 bar





LIQUID TRANSFER s.r.l.
 Via Prato, 13
 40064 Ozzano Emilia (BO) ITALY
 www.silea.it

Categoria I
 Modulo A

Year 201 Code DN
 Serial n°
 Ps 10 bar Ts -15/+250 °C V - lt
 Fluid GRUPPO 1 Weight kg
 Ts -15/+250 °C (min/max)

20	GREASE	0130-0000001	0.12	1	
19	C.S.+R.V. PIPE CLAMPS	3014-1005	2	0	C.S.
18	PERMANENT THREADLOCKER LOXAL 8672	0130-2000001	1	1	
17	G 3/4" ADAPTER F/F 60 FLARE-90 ELBOW	0160-4610005	1	0.284	C.STEEL
16	G 3/4" ADAPTER W/F 60 FLARE-90 ELBOW	0160-4810005	2	0.284	C.STEEL
15	NAMEPLATE FOR ARMS ATEX+PED	2299-0000064	1	0.01	ALUMINIUM
14	PLUG 1/2" MALE AISI 316 UNI 338	0405-3000004	1	0.035	AISI316L
13	HANDLE FOR DROP PIPE 4"	31230002	1	2.4	
12	DRIP CAN	31260103-904	1	0.62	
11	KIT FOR FLANGE 4" TTMA	23050105-T	1	0.45	TEFLON+DACROWET
10	ROD FOR REMOTE CONTROL VALVE	3170110970	1	0.8	CARB.STEEL+BRASS
9	4" REMOTE CONTROL ASSY	23020010-4	1	2.54	CARBON STEEL
8	COMPRESSION SPRING BALANCE PISTON	2000-BSM-CB	1	37	CARBON STEEL
7	MOUNTING KIT	23090003-T	2	2.08	AISI304+PTFE
6	4" BALL VALVE	31964011	1	29.5	ASTM A105+AISI304
5	HEXAGONAL NIPPLE 1/2" SERIES 3000 lb	0159-1000203	1	0.08	ASTM A105
4	BALL VALVE 1/2" NPT THREADED	31963102	1	0.32	AISI316
3	ROTATING SUPPORT D.30	0423-1000030	1	1.27	CAST IRON
2	MAINTENANCE KIT - 4" SWIVEL, PTFE SEALS	2310-05T	4	0.6	PTFE
1	4" TOP LOADING ARM LONG RADIUS WELDED	1201-918P100	1	156.5	CARBON STEEL
Pos	Descrizione	Codice	Q.tà	Peso	Materiale

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY



stabilimento e uffici:
 via Collegio di Spagna 34
 Tel.799229 - cap 40064
 Ozzano Emilia (Bologna)

DESCRIPTION :

4" TOP LOADING ARM L.R.A=1.5 B=1.5 C=1.2 FOR BITUMEN

Material

C.S.+PTFE

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
4	237	utec3		1:18	19/03/2010	12010102-918P

CE **silea** **CE**

LIQUID TRANSFER s.r.l.
Via Primo Maggio 19
48064 Gazzano Emilia (BO) ITALY
www.silea.it

Categoria I
Modulo A

Year 201 Code DN

Serial n°

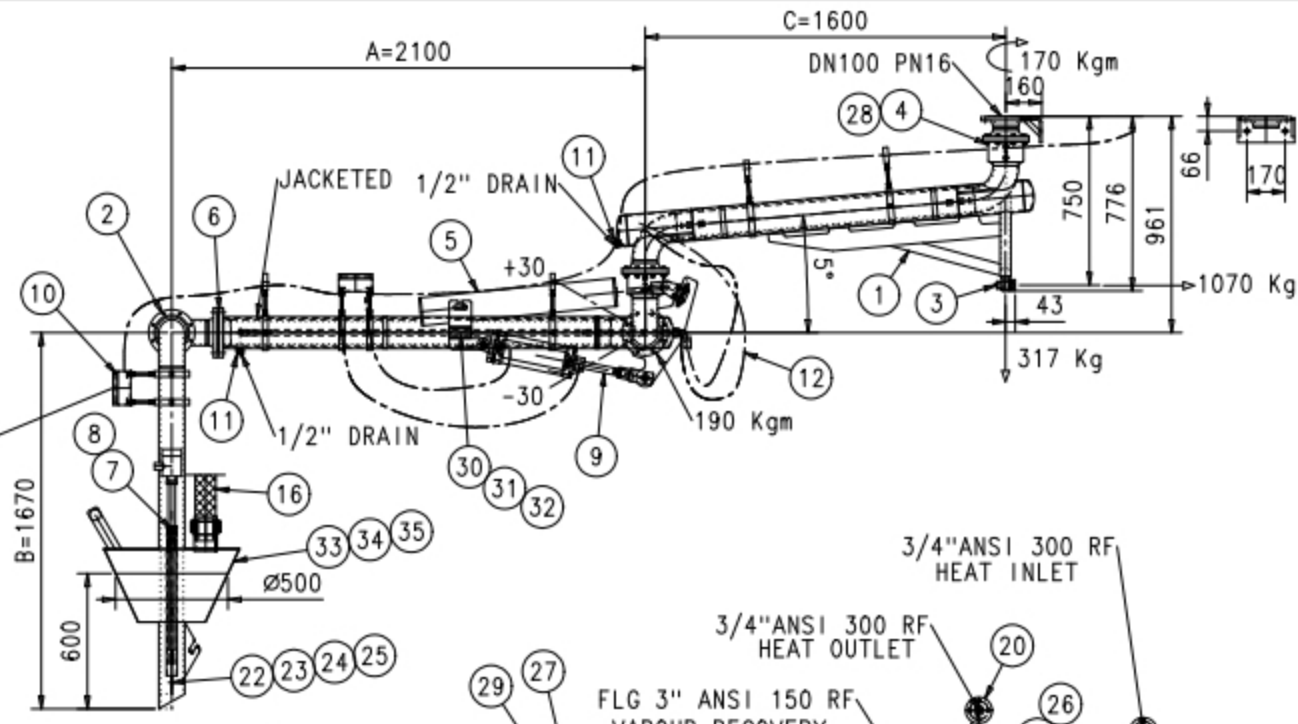
Ps 10 bar Ts -15/+250 °C U - it

Fluid GRUPPO 1 Weight Kg

Ts -15/+250 °C
(min/max)

UP/DOWN/STOP
LEVER
HOLD DOWN
BUTTON

PNEUMATIC DEVICE
UP/DOWN/HOLD DOWN



35	VR CONE GASKET ASBESTFREE	4010-0000017	1	0.5	ASBESTFREE
34	CONE	3010-0122206	1	8	ALSI304
33	HANDLE	4010-0000005	1	0	ALSI304
32	HEXAGON NUT	0054-1000008	2	0.0155	6S
31	HEXAGON SOCKET HEAD CAP SCREW	0015-1000118	2	0.048	8,8
30	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.4	ALSI304
29	C.S.+R.V. PIPE CLAMPS	3014-1012	5	0	C.S.
28	GREASE	0130-0000001	0.12	1	
27	C.S.+R.V. PIPE CLAMPS	3014-1005	4	0	C.S.
26	PERMANENT THREADLOCKER LOXAL 8672	0130-2000001	1	1	
25	HEXAGON NUT	0054-10000070	10	0.0105	6S
24	WASHER	0065-10000060	10	0.004	R40 DACROMET
23	HEXAGON SOCKET HEAD CAP SCREW	0015-1000100	10	0.035	8,8
22	LEVEL SWITCH PROTECTION	4010-0000053	1	2.8	C.S.
21	DRIP CAN	31260103-904	1	0.62	
20	G 3/4" FLANGE ANSI300 ANSI B16.5	0142-1000405F	2	1.13	ASTM A105
19	3" FLANGE ANSI150 THREADED	0145-1000111B	1	5	ASTM A105
18	3" VAPOUR RECOVERY HOSE, THREADED ENDS	3113R30996000	1	11.5	RUBBER + ALU ALLOY
17	NAMEPLATE	2299-0000064	1	0.01	ALUMINIUM
16	G 3/4" ADAPTER F/F 60 FLARE-90 ELBOW	0160-4610005	3	0.284	C.STEEL
15	G 3/4" ADAPTER M/F 60 FLARE-90 ELBOW	0160-4810005	3	0.284	C.STEEL
14	DN20 PN43 HOSE L=1600	90231130004	4	1.5	
13	PLUG	0161-3200004	2	0	
12	PNEUMATIC ACTUATION	30195041-901	1	19	
11	PNEUMATIC CYLINDER	30160103	1	14.5	ALUMINIUM+STAINLESS STEEL
10	FITTING	0160-4700106	1	0	BRASS
9	HIGH LEVEL NAMUR SWITCH Eex ia - DT 230	302103032N	1	4	ALSI316
8	KIT FOR FLANGE 4" PN10 S.S.	23050505-T	1	1.6	ALSI304+PTFE
7	COMPRESSION SPRING BALANCE PISTON	2000-BSP-CB	1	37.5	CARBON STEEL
6	MAINTENANCE KIT - 4" SWIVEL, PTFE SEALS	2310-55TS	4	1.09	
5	PILLOW BLOCK	0423-1000030H	1	1.9	CAST IRON
4	WELDED STRUCTURE	1201-9180100	1	166	C.S.
3	4" WELD+PAINT BOOM ARM RX 10%	1201-918N302	1	98	C.S.

SPECIFICATIONS

PRODUCT : hot products
SEALS: PTFE
DESIGN PRESSURE : 10 bar
TEST PRESSURE : 15 bar
DESIGN TEMP : -15°/+250° °C
TEST PRESS JACKET : 25 bar

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY



silea
Liquid Transfer s.r.l.
www.silea.it

DESCRIPTION :

4" TLA LONG REACH C.S. FOR HOT PRODUCTS
1.6x2.1x1.67+OVERFILL+X RAY 10%

Material

CARBON STEEL

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
2	385	utec3		1:25	27/02/2013	12010102-918Q

CE **silea** **CE**
LIQUID TRANSFER s.r.l.
Via Prima Repubblica 13
40064 GAZZANO CASTELLO (BO) ITALY
www.silea.it

Year 201 Code 0N 100
Serial n°
Pa 1 Pa Ts -38/+220 °C Weight kg
Fluid GRUPPO 1 Item

PNEUMATIC DEVICE
UP/DOWN/HOLD DOWN

UP/DOWN/STOP
LEVER

HOLD DOWN
BUTTON

KT
Kinetics Technology

PROJ.: 30637
CUSTOMER: STS Ltd. - NAFTAN OJSC REFINERY
NOVOPOLITSK BELARUS

MR N°: MR 4025-001
PO N°: 7500041798

ITEM: M 502 A/B/C/D

VR Doc. CODE: A2001

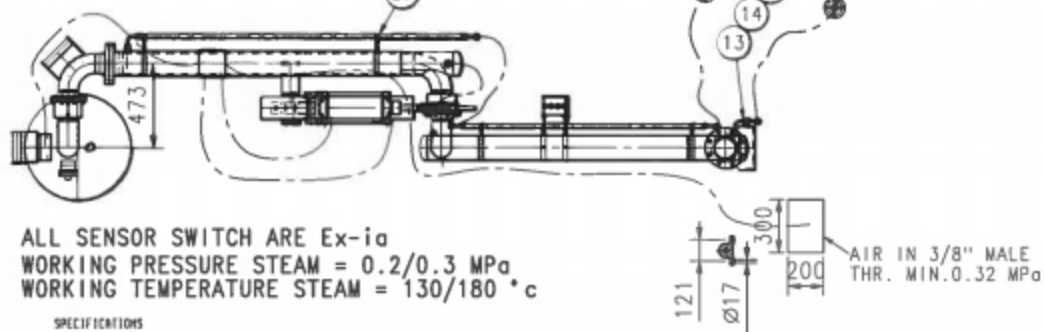
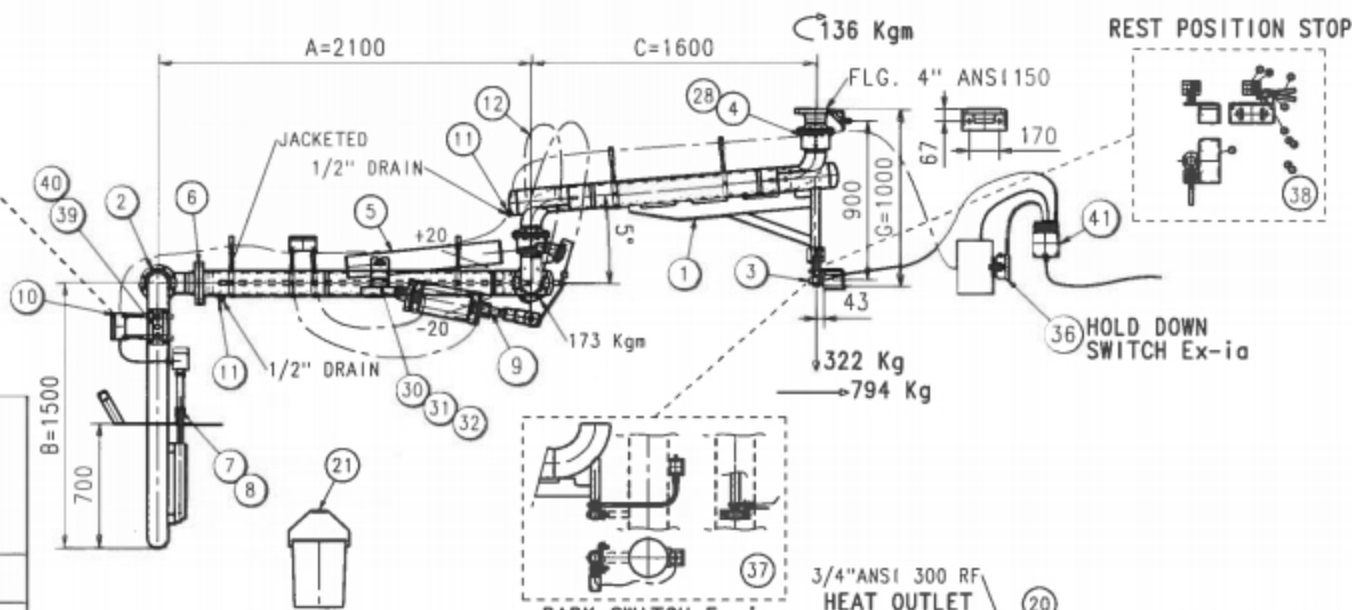
STS
Integrated technical services LTD.
Member of BSA Group

VENDOR DOCUMENT REVIEW

☐ 1 REVISE AND RESUBMIT
☒ 2 TO BE ISSUED AS FINAL PROVIDED
COMMENTS ARE INCORPORATED
☐ 3 NO COMMENT - FINAL ISSUE
☐ 4 FOR INFORMATION ONLY (INTERNAL USE)

U.O.: KT S.p.A.
BY: ATA DATE: 23/12/2013

41	JUNCTION BOX	0200-1000026	1	0.8	PAINTED ALU
40	4" C.S. PIPE SUPPORT	0215302-903	1	0.4	AISI304
39	DOUBLE PUSH BUTTON +LAMP	0215-3000002	1	1.45	
38	PARK POSITION LOCK	31950103-901	1	11	CARBON STEEL
37	PARK SWITCH Ex-ia INDUCTIVE SENSOR	31610301	1	2.2	AISI304
36	Ex-ia PRESSURE SWITCH	0200-PMS8	1	2.3	AISI316
32	HEXAGON NUT	0054-1000008	2	0.0155	6S
31	HEXAGON SOCKET HEAD CAP SCREW	0015-1000118	2	0.048	8,8
30	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.4	AISI304
28	GREASE	0130-0000001	0.12	1	
27	C.S.+R.V. PIPE CLAMPS	3014-1005	4	0	C.S.
26	PERMANENT THREADLOCKER LOXAL 8672	0130-2000001	1	1	
21	DRIP CAN	31260103-904	1	0.62	
20	G 3/4" FLANGE ANSI300 ANSI B16.5	0142-1000405F	2	1.13	ASTM A105
15	NAMEPLATE ATEX+PED	2299-00000640	1	0.01	ALUMINIUM ALLOY
14	G 3/4" ADAPTER F/F 60 FLARE-90 ELBOW	0160-4610005	3	0.284	C. STEEL
13	G 3/4" ADAPTER M/F 60 FLARE-90 ELBOW	0160-4810005	3	0.284	C. STEEL
12	DN20 PN43 HOSE L=1600	90231130004	4	1.5	
11	PLUG	0161-3200004	2	0	
10	PNEUMATIC ACTUATION	30195041-905	1	19	
9	PNEUMATIC CYLINDER	30160114A	1	14.5	ALU+S.S.
8	FITTING	0160-4700106	1	0	BRASS
7	HIGH LEVEL SWITCH Ex-ia DT 230 degC	30210303ZN	1	4	AISI316
6	KIT FOR FLANGE 4" ANSI150	23050705-T	1	1.5	AISI304+PTFE
5	COMPRESSION SPRING BALANCE PISTON	2000-BSP-CB	1	37.5	CARBON STEEL
4	MAINTENANCE KIT - 4" SWIVEL, PTFE SEALS	2310-55TS	4	1.09	
3	PILLOW BLOCK	0423-1000030	1	1.27	CAST IRON
2	WELDED STRUCTURE	1201-919A100	1	173	KCS+S.S.
1	4" WELD+PAINT BOOM ARM RX 10%	1201-919A300	1	94	KCS+S.S.
Pos	Descrizione	Codice	Q.tà	Peso	Materiale



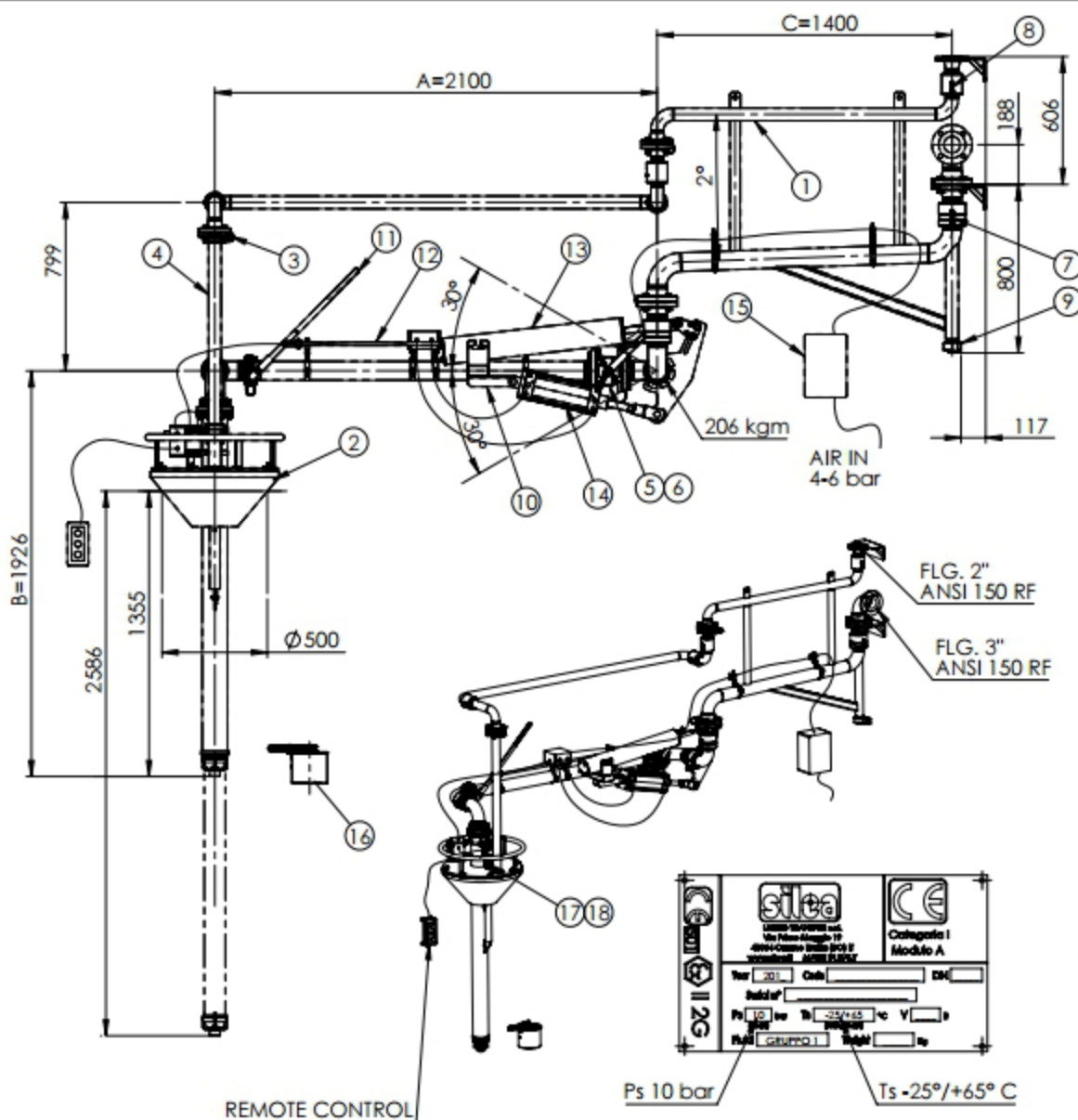
ALL SENSOR SWITCH ARE Ex-ia
WORKING PRESSURE STEAM = 0.2/0.3 MPa
WORKING TEMPERATURE STEAM = 130/180 °C

REMARKS :
ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY

DESCRIPTION :
4" TLA LONG REACH C.S. FOR HOT PRODUCTS
1.6x2.1x1.5+OVERFILL+X RAY 10%

Material:
C.S.+PTFE

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
3	361	utec3		1:30	16/01/2014	12010102-919A



HOLES TEMPLATE

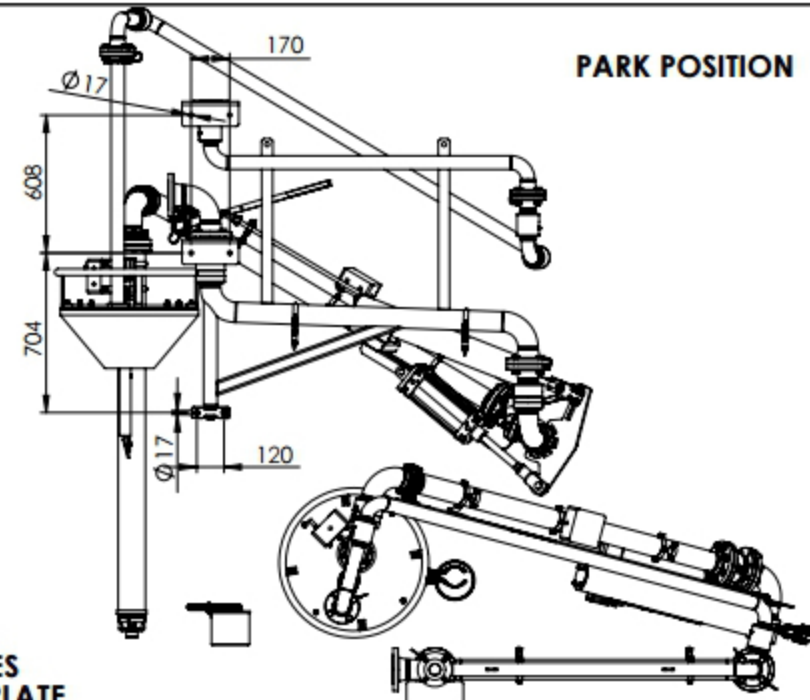
21	KIT FOR FLANGE 2" ANSI150	23050203	2	0.82	ASBESTFREE
20	KIT FOR FLANGE 3" ITMA	23050104	1	0.53	ASBESTFREE
19	KIT FOR FLANGE 3" ANSI150	23050204	2	0.83	ASBESTFREE
18	VIBRATING FORK HIGH LEVEL SWITCH Ex-d	30210301A	1	2	AISI316L
17	FITTING	0160-4700106	1	0.5	BRASS
16	DRIP CAN	31250102	1	0.74	ALUMINIUM
15	PNEUMATIC ACTUATION	30195032-904	1	10.5	C.S.+ALU
14	PNEUMATIC CYLINDER	30160103	1	15	ALU+S.S.
13	COMPRESSION SPRING BALANCE PISTON	2000-BSP-C8	1	37	CARBON STEEL
12	ROD FOR REMOTE CONTROL VALVE (1667)	3170111667	1	2.13	CARB.STEEL+BRASS
11	3" REMOTE CONTROL ASSY KIT	23020010-3	1	2.57	CARBON STEEL
10	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.084	AISI304L
9	PILLOW BLOCK	0423-1000030	1	1.78	CAST IRON
8	MAINTENANCE KIT - 2" SWIVEL, VITON SEALS	2310-03V	4	0.32	VITON
7	MAINTENANCE KIT - 3" SWIVEL, VITON SEALS	2310-04V	4	0.48	VITON
6	MOUNTING KIT	23090002	1	2.02	ASBESTFREE
5	DN80 PN16 BALL VALVE FULL BORE	31964010	1	15.3	ASTM A105+AISI304
4	2" ENDS THREADED PIPE	12010201-920B	1	2.67	ALUMINIUM ALLOY
3	2" FLANGE ANSI150 THREADED	0145-1000109B	1	2.3	ASTM A105
2	3"x4" DROP PIPE + 500 CONE + 2"VR	40103331	1	45.1	ALU+HYPALON
1	BOOM ARM	12010201-920A	1	190.42	
Pos	Description	Code	Q.ty	Wt	Material

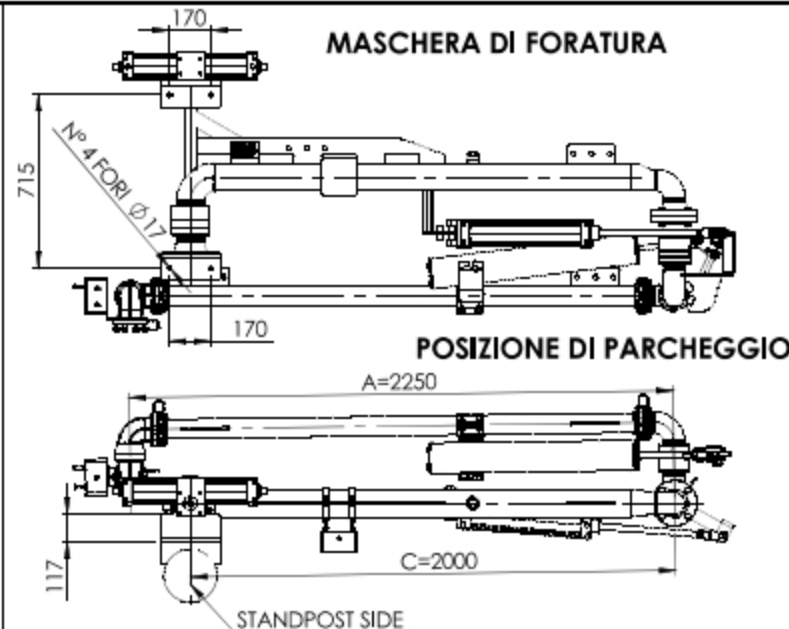
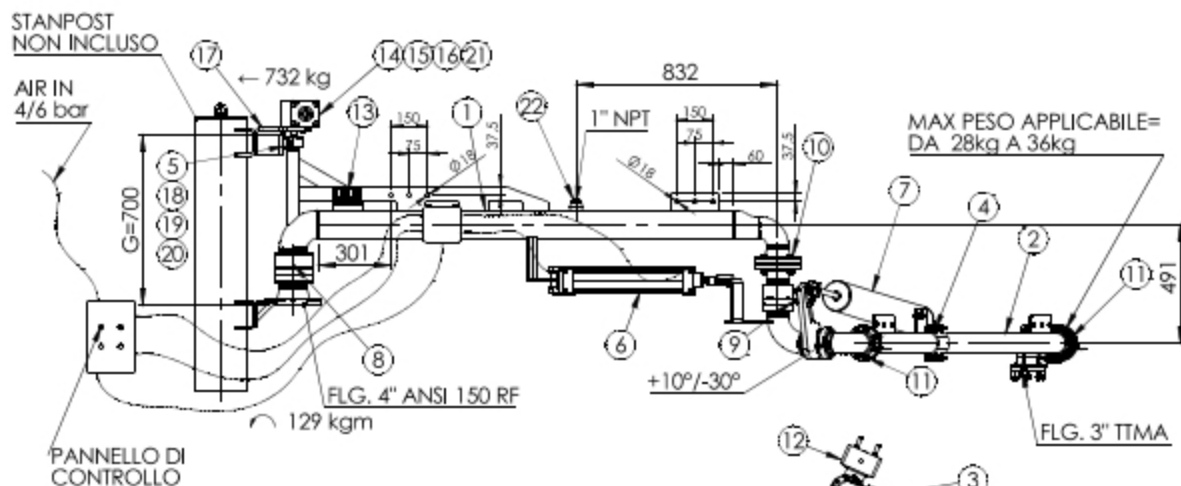
Remarks:

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY

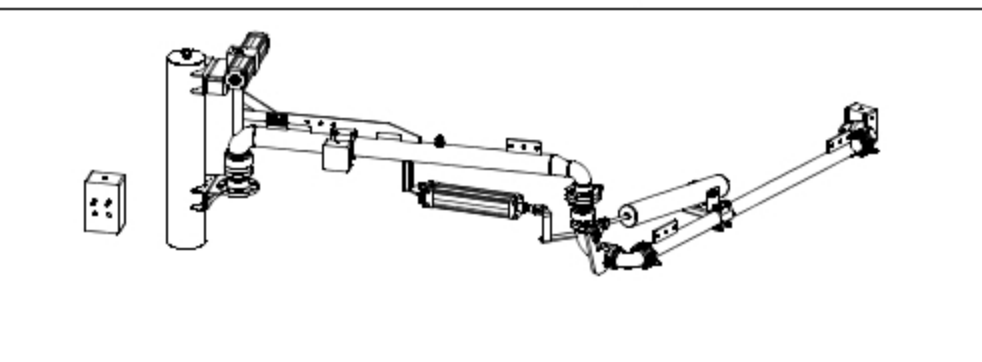
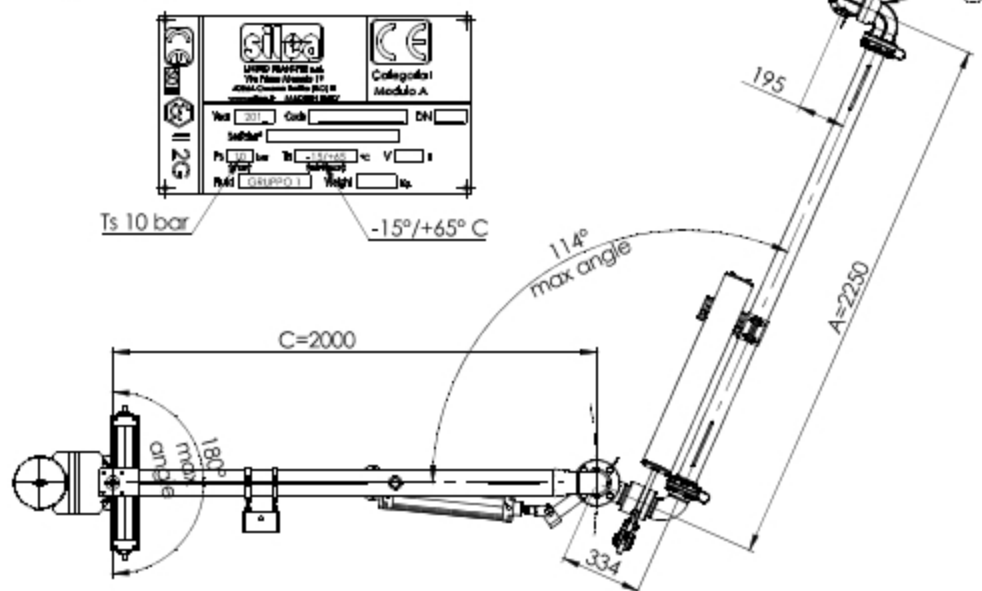
www.silea.it		Description			
silea		3" LONG RANGE DUPLEX TOP LOADING ARM			
Liquid Transfer S.r.l.		3"x2" - RIGHT HAND			
Material		C.S.+ALU+VITON			
Tratt.Term. o Tratt.Superf.					
Rev.	Weight kg	Drawn by	Scale	Date	Code
1	338	Luca Zaccagnini	1:25	16/04/2015	12010201-920

PARK POSITION

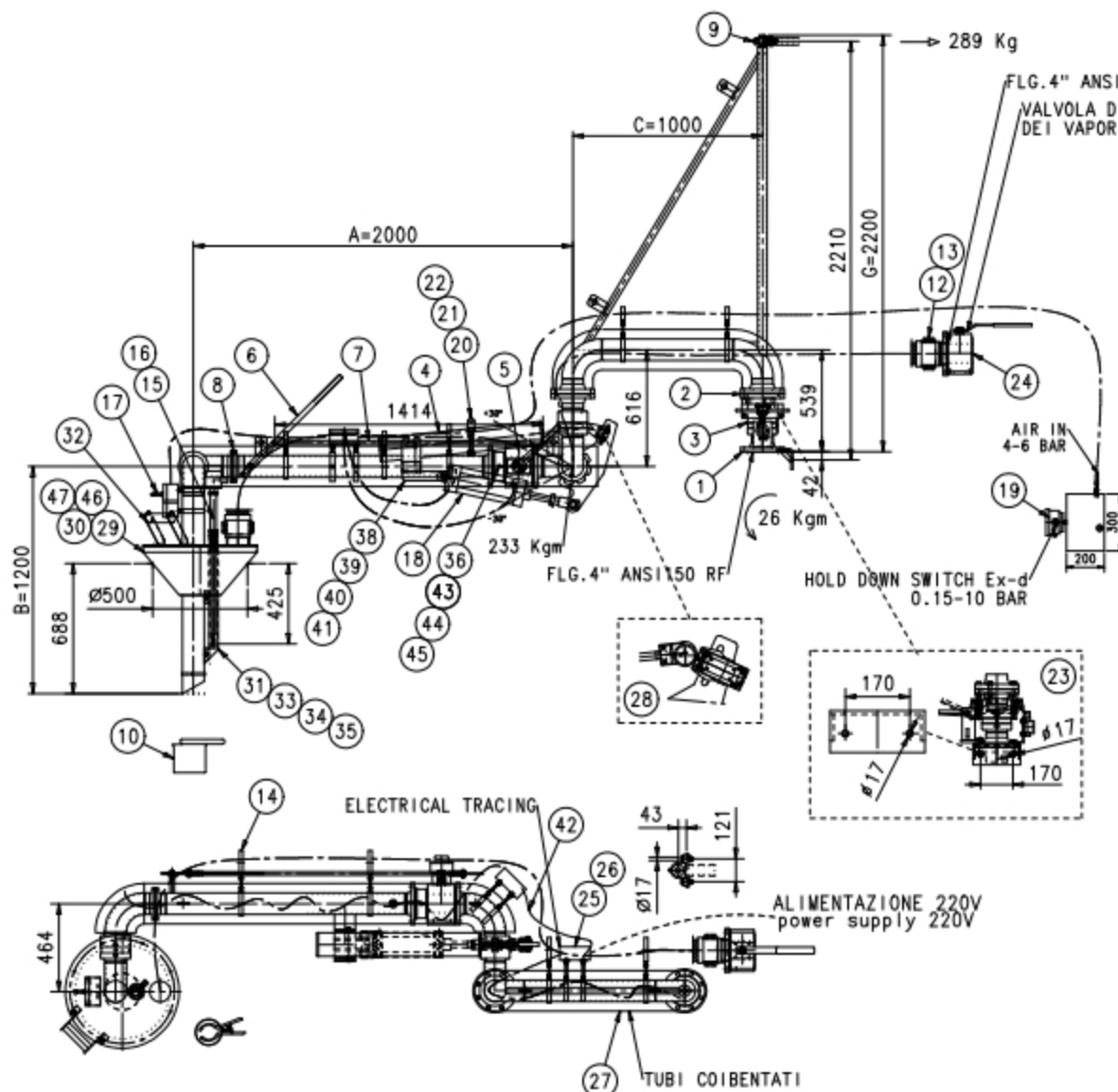




22	TAPPO MASCHIO 1" TESTA ESAG. AISI316	0159-3000405	1	0,190	AISI316L
21	LINGUETTA UNI 6604-A 8x7x60	0100-1000088	1	0,026	ACCIAIO
20	DADO ESAGONALE M16 UNI5588 6S DACROMET	0054-1000010	2	0,034	6S
19	ROSETTA UNI6592- 17x30 R40 GEOMET	0065-1000008	2	0,011	R40
18	VITE M16x50 8.8 UNI EN ISO 4017	0014-3000113	2	0,12	8.8
17	PIASTRA PER ATTACCO SU BANDIERA DEL GIREVOLE	3019-0101015	1	7,72	ACCIAIO
16	VITCEI M10x30 8.8 UNI EN ISO 4762 DACROM.	0015-1000101	4	0,031	8.8
15	ROSETTA UNI6592-10,5x21 R40 GEOMET	0065-1000006D	4	0,004	R40
14	CILINDRO AD ALBERO ROTANTE Ø100 ROT.180°	30160201	1	17,894	ALLUMINIO
13	TARGHETTA per BRACCI ATEX+PED	2299-3000064	1	0,019	ALLUMINIO
12	SCHEMA PNEUM. MOVIMENTAZ. ORIZZ. BRACCIO	30195042-903	1	9	
11	KIT FLG. 3" TMA ASBESTFREE	23050104	3	0,53	ASBESTFREE
10	KIT FLG. 3" ANSI150 ASBESTFREE	23050204	1	0,83	ASBESTFREE
9	KIT MONT. N879 3" VITON	2310-04V	2	0,48	VITON
8	KIT MONT. N879 4" VITON	2310-05V	1	0,7	VITON
7	PISTONE A MOLLE SERIE MEDIA PER C/B	2000-85M-C8	1	25	ACCIAIO ZINCATO
6	CILINDRO PNEUMATICO 100x400 ISO 6431	30160115	1	1,6	ALL+INOX
5	SUPPORTO MONOBLOCCO ORIENTABILE D.30	0423-1000030H	1	1,78	GHISA
4	SUPPORTO PISTONE 3" DX/SX SR X TUBO ALL.	3014-3PSR-MIN	1	7,5	AISI304
3	SNODO INTERMEDIO 3" IN ALLUMINIO	08580101	1	3,83	ALLUMINIO+VITON
2	SEZIONE PORTANTE IN ALLUMINIO 3"x2000 FLANGE TMA	3115012000A	1	6	ALLUMINIO
1	BRACCIO SALDATO 4" + VER	12010202-927A	1	99	ACCIAIO
Pos	Descrizione	Codice	Q.tà	Peso	Materiale



Attrezzature e Note di Lavorazione : montare e collaudare bracci vedi I.O. 4.4		tolleranze particolare secondo UNI EN ISO 8015:2011 tolleranze generali UNI EN ISO 22768-1:1996 - mK	
www.silea.it silea Liquid Transfer S.r.l.		Descrizione BRACCIO 4" B/P ALU+CS C=2.0 A=2.3 MOVIMENT, PNEUM SENZA TERMINALE Materiale ACCIAIO+ALLUMINIO	
Modif. 6		Dis. Luca Zaccagnini	
Peso in kg 206		Scala 1:22	
Data 15/06/2015		Codice 12010202-927	



47	WASHER	0065-1100006	8	0.04	AISI304L
46	HEXAGON SOCKET HEAD CAP SCREW	0015-2100100	8	0.008	A2
45	GASKET	25750102	3	0.04	ASBESTFREE
44	HEXAGON HEAD BOLT	0014-1000129	8	0.146	8,8
43	HEXAGON HEAD BOLT	0014-1000136	8	0.135	8,8
42	ELECTRICAL CABLE	0453-0004250	4	0	
41	WASHER	0065-1000007	2	0.005	
40	HEXAGON NUT	0054-1000008	2	0.0155	6S
39	HEXAGON SOCKET HEAD CAP SCREW	0015-1000118	2	0.048	8,8
38	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.4	AISI304
36	CHECK VALVE	0472-8000019	1	3.1	AISI316+VITON
35	HEXAGON NUT	0054-1100006	2	0.0105	AISI304
34	WASHER	0065-1100005	2	0.003	AISI304
33	HEXAGON SOCKET HEAD CAP SCREW	0015-2100078	2	0	A2
32	HANDLE	4010-0000005	1	0	AISI304
31	LEVEL SWITCH PROTECTION	4010-0000053	1	2.8	C.S.
30	VR CONE GASKET ASBESTFREE	4010-0000017	1	0.5	ASBESTFREE
29	VR CONE DN250-400-500 HYPALON COVERED	4010-0000016	1	13.9	ALUMINIUM-HYPALON
28	ARM POSITION SWITCH Ex-d UP-DOWN	31930502	1	2.1	CARBON STEEL
27	JACKET FOR 12011102-RV03	3100-5002	1	0	
26	BOX SUPPORT WITH CLAMP	3100-1003	3	0.4	CARBON STEEL
25	HEATING CABLE SYSTEM	31000101-910	1	0	HLT220-J
24	4" BALL VALVE	31964011-A	1	29.5	ASTM A105+AISI304
23	REST LOCK+ROLL UP LIMIT+PARK SWITCH	31950102-903	1	17.9	CARBON STEEL
22		0157-1100003	1	0.07	AISI304
21	VACUUM BREAKER ADAPTOR	3130-2201001	1	0.2	AISI316
20	VACUUM BREAKER VALVE G 1/2"	31300301	1	0.8	AISI316+FFKM
19	EEed PRESSURE SWITCH 0.15-10 BAR	0200-PWS10-1	1	2.8	AISI316
18	PNEUMATIC CYLINDER	30160103	1	14.5	ALUMINIUM+STAINLESS S
17	PNEUMATIC ACTUATION	30195041-904	1	19	
16	FITTING	0160-4700106	1	0	BRASS
15	HIGH LEVEL SWITCH Ex-d - DT 230 degC	302103032	1	4	AISI316
14	C.S.+R.V. PIPE CLAMPS	3014-1013	4	0	C.S.
13	4" FLANGE ANSI150 THREADED	0145-1000113A	1	7.5	ASTM A105
12	4" FLEXIBLE HOSE G 4" W threaded	3113R40996000	1	18	ALUMINIUM+NBR
11	NAMEPLATE FOR ARMS ATEX+PED	2299-0000064	1	0.01	ALUMINIUM
10	DRIP CAN MADE OF SS AISI316L	31252102	1	1.5	AISI316
9	ROTATING SUPPORT D.30	0423-1000030	1	1.27	CAST IRON
8	4" KIT FOR TTWA FLANGE	23050105	1	0.47	ASBESTFREE
7	ROD FOR REMOTE CONTROL VALVE (1410)	3170111410	1	1.5	CARB.STEEL+BRASS
6	4" REMOTE CONTROL ASSY	23020010-4	1	2.6	CARBON STEEL
5	4" BALL VALVE + SWITCH	31964011-W	1	29.5	ASTM A105+AISI304
4	COMPRESSION SPRING BALANCE PISTON	2000-BSP-CB	1	37.5	CARBON STEEL
3	MAINTENANCE KIT - 4" SWIVEL, VITON SEALS	2310-05V	4	0.65	VITON
2	KIT FOR FLANGE 4" ANSI150	23050205	2	1.5	ASBESTFREE
1	WELDED ARM	12011102-03A	1	200	CARBON STEEL SWITCHES
Pos	Descrizione	Codice	Q.tà	Peso	Materiale



RX 10%

FLEXA

G24-DM-301 REV.1

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY



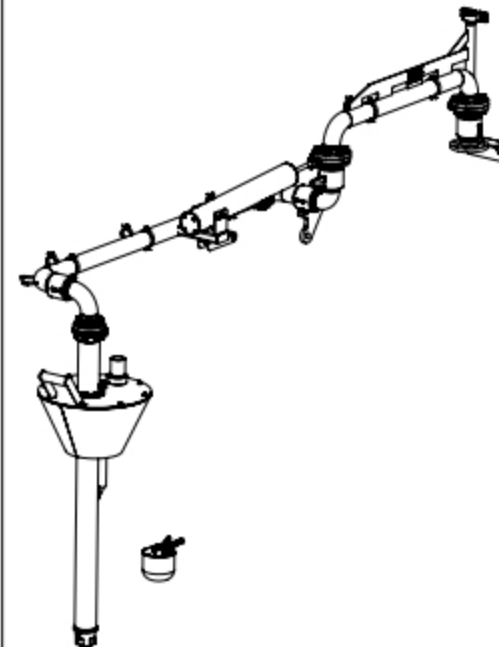
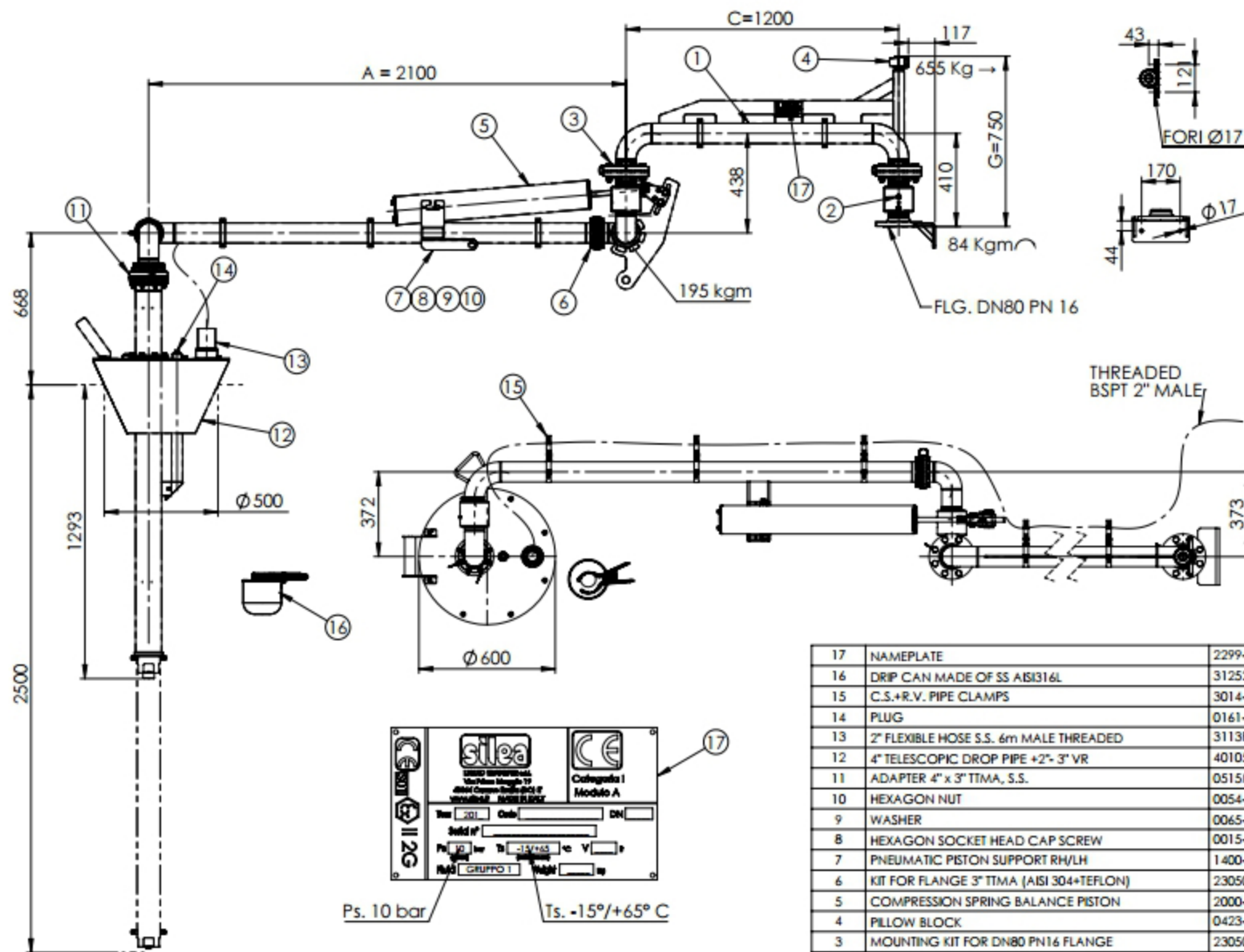
silea
Liquid Transfer s.r.l.
www.silea.it

DESCRIPTION :

4" LONG RANGE TOP LOADING ARM - R.H.
V.R. 4" WITH CONE +PNEU. ACTUAT RX 10%

Material
C.S.+ALU

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
2	420	c-zanetti		1:28	05/07/2013	12011102-RV03



17	NAMEPLATE	2299-0000064	1	0.019	ALUMINIUM
16	DRIP CAN MADE OF SS AISI316L	31252102	1	1	AISI316
15	C.S.+R.V. PIPE CLAMPS	3014-1003	5	0.29	C.S.
14	PLUG	0161-3200007	1	0.200	AISI316L
13	2" FLEXIBLE HOSE S.S. 6m MALE THREADED	3113F23996000	1	3.0	AISI316+AISI304
12	4" TELESCOPIC DROP PIPE +2" 3" VR	40105241	1	52.78	AISI304L
11	ADAPTER 4" x 3" TTMA, S.S.	0515M4A3A	1	3.62	AISI304L+PTFE
10	HEXAGON NUT	0054-1100008	2	0.018	AISI304
9	WASHER	0065-1100007	2	0.006	AISI304
8	HEXAGON SOCKET HEAD CAP SCREW	0015-2100119	2	0.042	A2
7	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.084	AISI304L
6	KIT FOR FLANGE 3" TTMA (AISI 304+TEFLON)	23050604-T	1	0.53	TEFLON+AISI304
5	COMPRESSION SPRING BALANCE PISTON	2000-8SP-CB	1	19.78	CARBON STEEL
4	PILLOW BLOCK	0423-10000308	1	1.93	STAINLESS STEEL
3	MOUNTING KIT FOR DN80 PN16 FLANGE	23050504-T	2	1.7	AISI304+PTFE
2	MAINTENANCE KIT - 3" SWIVEL, PTFE SEALS	2310-04TG	4	0.46	PTFE TFM + OR PFA JACKET
1	WELDED ARM	12011201-950A	1	117.27	AISI304L
Pos	Description	Code	Q.ty	Wt	Material

Remarks:

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY

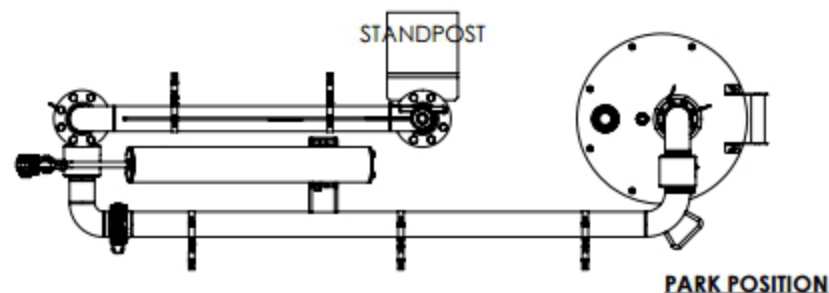
silea
Liquid Transfer S.r.l.

Description
3" LONG RANGE TOP LOADING ARM RH VR-TDPS

Material
AISI304+PTFE

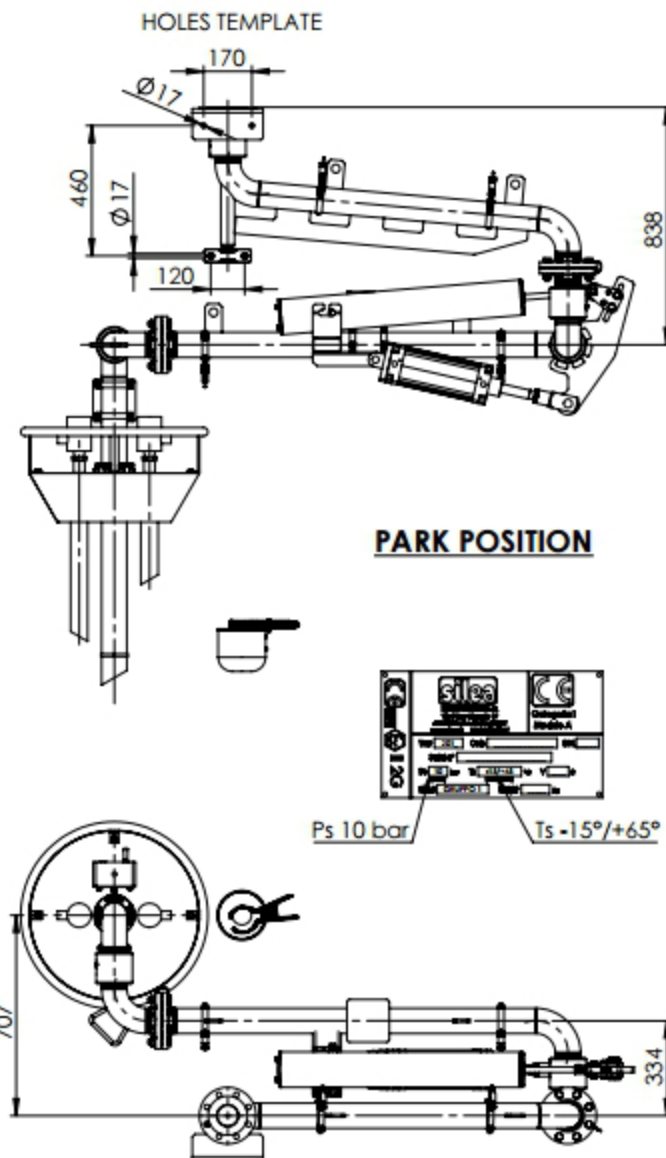
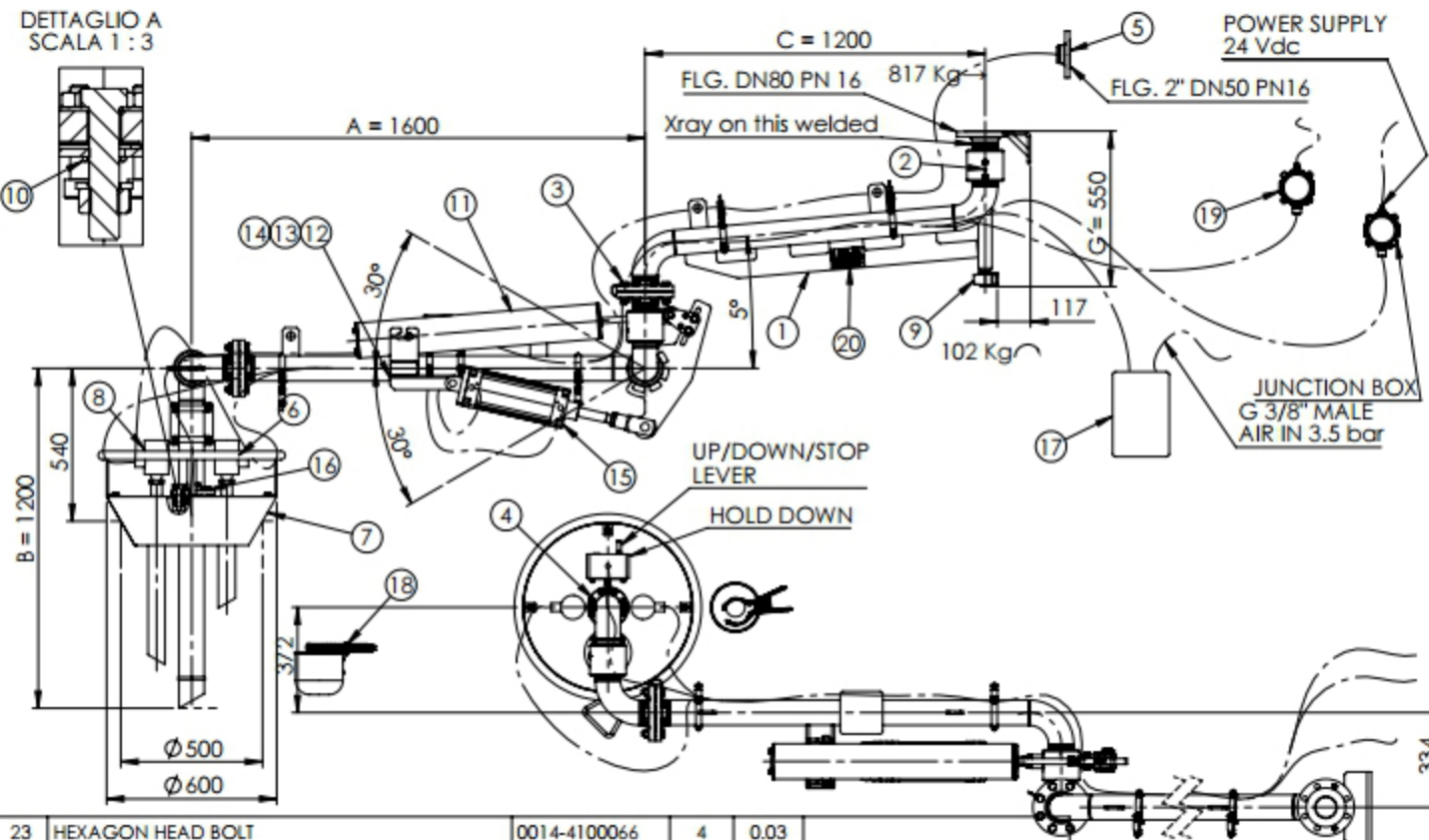
Tratt.Term. o Tratt.Superf.

Rev. 1	Weight kg 206.72	Drawn by Fabrizio Cannone	Scale 1:20	Date 23/10/2014	Code 12011201-950
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PARK POSITION

DETTAGLIO A
SCALA 1 : 3



FLUID : PROXITANE 15:23
PERACETIC ACID

PAINTING SPECIAL
EXPO FINISH HS ANTACID

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY

silea
Liquid Transfer S.r.l.

Description
3" S.S. LONG RANGE TOP LOADING ARM
FOR PERACETIC ACID

Material
AISI316+PTFE

Tratt.Term. o Tratt.Superf.

Rev.
2

Weight kg
212

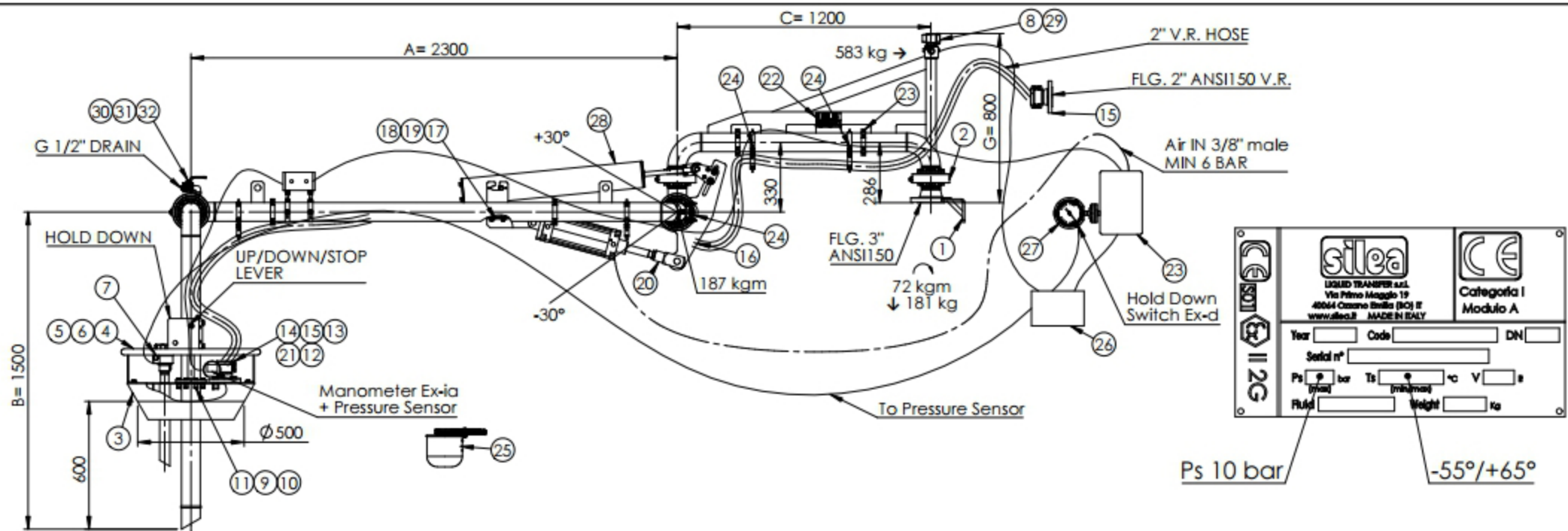
Drawn by
Fabrizio Cannone

Scale
1:20

Date
03/12/2014

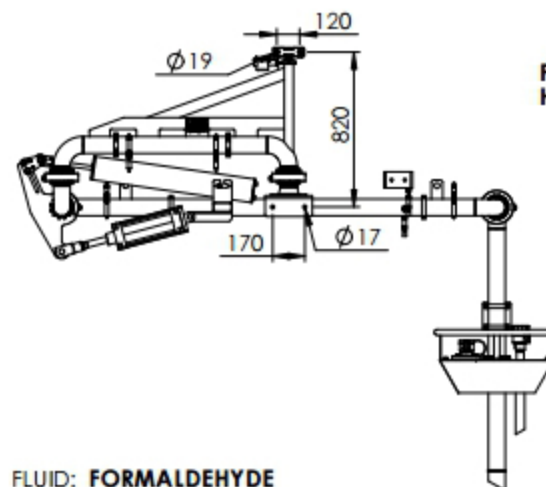
Code
12012201-945

23	HEXAGON HEAD BOLT	0014-4100066	4	0.03	
22	WASHER	0065-1100006	4	0.004	A2
21	HANDLE	4010-0000005	1	1.2	ALLUMINIO
20	NAMEPLATE	2299-0000064	1	0.019	ALUMINIUM
19	JUNCTION BOX FOR NAMUR SWITCH	30210300	2	2.2	
18	DRIP CAN MADE OF SS AISI316L	31252102	1	1	AISI316
17	PNEUMATIC ACTUATION	30195032	1	2.4	
16	PILLOW BLOCK	0423-10000308	1	1.93	STAINLESS STEEL
15	PNEUMATIC CYLINDER	30160103	1	20.9	ALUMINIUM+STAINLESS STEEL
14	HEXAGON NUT	0054-1100008	2	0.018	AISI304
13	HEXAGON SOCKET HEAD CAP SCREW	0015-2100119	2	0.042	A2
12	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.084	AISI304L
11	COMPRESSION SPRING BALANCE PISTON	2000-BSM-CB	1	25	CARBON STEEL
10	OR	0001-3100008	4	0.000	HTVMQ core PFA jacket
9	KIT FOR FLANGES PN16 DN50 AISI316+TEFLON	23050502-T316	1	0.8	AISI316L+PTFE
8	VIBRATING FORK HIGH LEVEL SWITCH Ex-ia	30210301Q	1	7.540	AISI316
7	CONE	3010-0301003	1	18	AISI316L
6	VIBRATING FORK HIGH LEVEL SWITCH Ex-ia	30210301N	1	6.974	AISI316
5	2" FLEXIBLE HOSE	3113G30776000	1	16.22	AISI316
4	KIT FOR FLANGE 3" TTMA (AISI316+TEFLON)	23050604-T316	1	0.6	TEFLON+AISI316
3	MOUNTING KIT FOR DN80 PN16 FLANGE	23050504-T316	2	1.7	AISI316+PTFE
2	MAINTENANCE KIT - 3" SWIVEL, PTFE SEALS	2310-04T	4	0.49	TEFLON
1	3" WELDED ARM XRAY 10%	12012201-945A	1	115	AISI316
Pos	Description	Code	Q.tà	W.t	Material

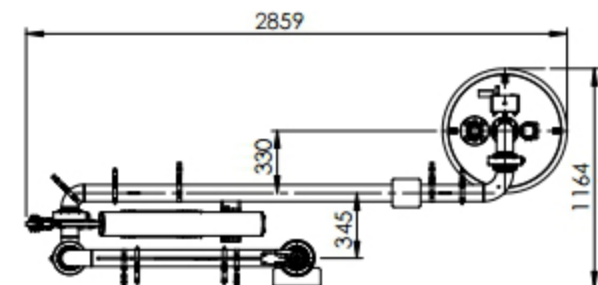


LIQUID TRANSFER S.r.l. Via Primo Maggio 19 40044 Casalecchio (BO) IT www.silea.it MADE IN ITALY			
Year Code DN		Serial n°	
Ps bar	Ts °C	V l	Wt kg
Fluid		Weight kg	

Ps 10 bar -55°/+65°



PARK POSITION + HOLES TEMPLATE



FLUID: FORMALDEHYDE

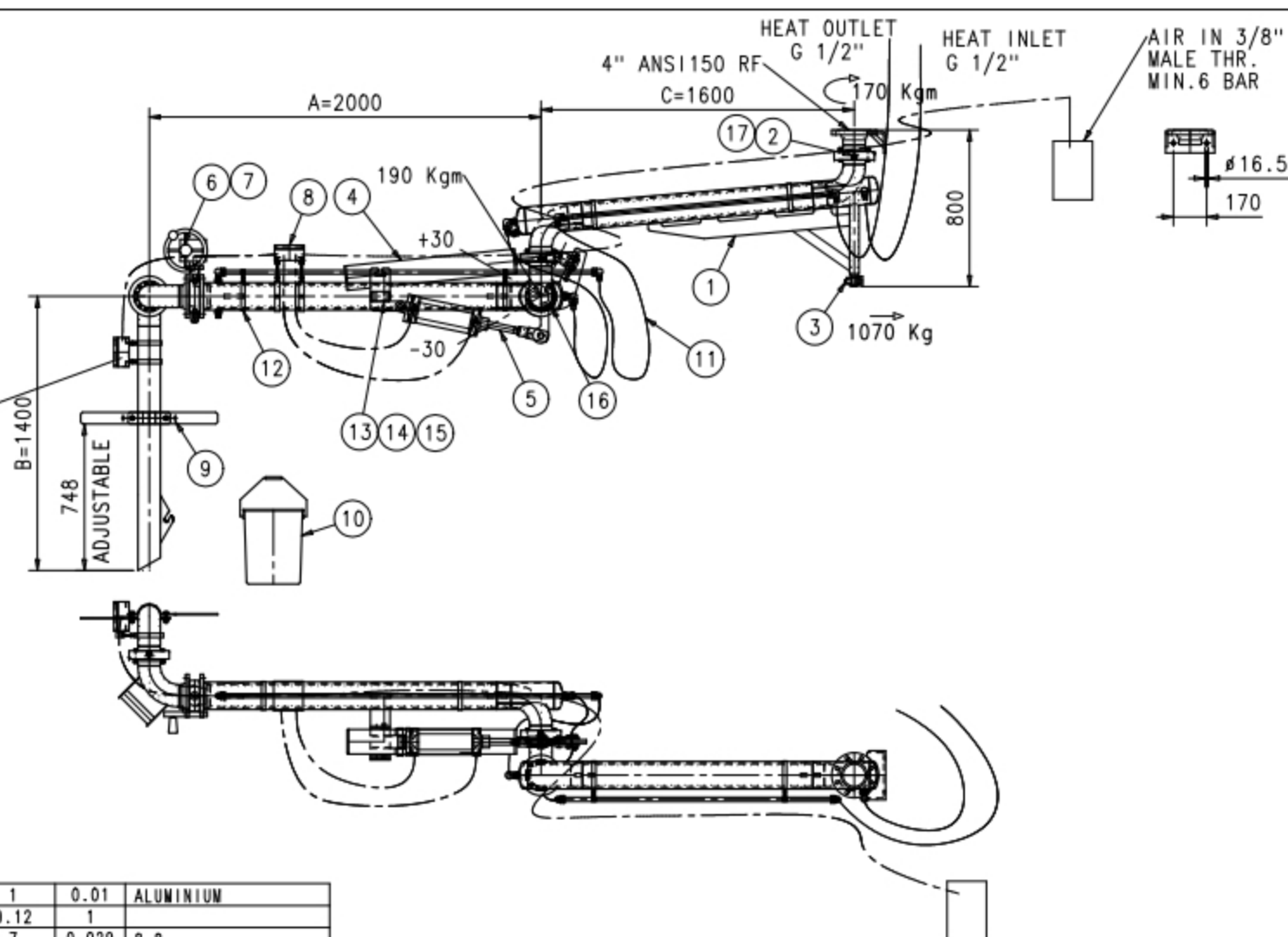
Remarks:		ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY	
www.silea.it		Description	
		3" INOX TOP LOADING ARM - V.R. CONE - PTFE SEALS +HOLD DOWN+LEVEL SWITCH+PRESSURE SWITCH	
Liquid Transfer S.r.l.		Material	Tratt.Term. o Tratt.Superf.
AISI316L+PTFE			
Rev.	Weight kg	Drawn by	Scale
1	220	Luca Zaccagnini	1:20
Date	Code		
25/02/2015	12015201-902		

32	HOLD OPEN BALL VALVE 1/2" NPT THREADED	31963102-901	1	0.412	AISI316
31	ELBOW M/F 1/2" NPT THREADED	0159-3000303	1	0.11	ASTM A182 F316L
30	HEXAGONAL NIPPLE	0159-3000203	1	0.05	AISI316L
29	PARK SWITCH Ex-d	31610302	1	1.06	AISI304
28	COMPRESSION SPRING BALANCE PISTON	2000-BSP-CB	1	36.54	CARBON STEEL
27	Ex-d PRESSURE SWITCH 1.6-10 BAR	0200-PMS10-1	1	2	AISI316
26	JUNCTION BOX	0200-1000027	1	5	PAINTED ALU
25	DRIP CAN MADE OF SS AISI316L	31252102	1	1	AISI316
24	C.S.+R.V. PIPE CLAMPS	3014-1003	5	0	C.S.
23	PNEUMATIC ACTUATION	30195031-902	1	10	S.S.
22	NAMEPLATE	2299-0000064B	1	0.054	AISI316
21	HEXAGON NUT	0054-1201010	4	0.07	A4
20	PNEUMATIC CYLINDER	30160103	1	15	ALU+S.S.
19	HEXAGON NUT	0054-1100008	2	0.018	AISI304
18	HEXAGON SOCKET HEAD CAP SCREW	0015-2100119	2	0.042	A2
17	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.084	AISI304L
16	PISTON SUPPORT AISI304L	F879-0000021	1	8.2	AISI304L
15	2" FLANGE ANSI150 THREADED G2" F	0145-2000109B	2	2.3	ASTM A182 F304L
14	2" VAPOUR RECOVERY HOSE, THREADED ENDS	3113R20996000	1	0.00	RUBBER+ALU ALLOY
13	HEXAGON HEAD BOLT	0014-1100127	4	0.11	A2
12	GASKET	25740100-T	1	0.03	TEFLON
11	HEXAGON NUT	0054-1201007	8	0.03	A4
10	HEXAGON HEAD BOLT	0014-4100066	8	0.03	A2
9	GASKET	25740101-T	1	0.05	TEFLON
8	PILLOW BLOCK	0423-1000030B	1	1.93	STAINLESS STEEL
7	VIBRATING FORK HIGH LEVEL SWITCH Ex-d	30210301A	1	2	AISI316L
6	HEXAGON HEAD BOLT	0014-1100071	4	0.04	A2
5	WASHER	0065-1100006	4	0.004	A2
4	HANDLE	4010-0000051	1	3.5	AISI304L
3	CONE 3" V.R. 2" ANSI150	3010-0301001	1	13	AISI316L
2	ASSEMBLY KIT - 3" SWIVEL, PTFE SEALS	2310-14T	4	5.1	C.S.+PTFE
1	3" S.S. WELDED ARM	12015201-902A	1	88	AISI316
Pos	Description	Code	Q.ty	Wt	Material



Ts -15/+250 °C

PNEUMATIC DEVICE
 UP/DOWN/STOP LEVER
 HOLD DOWN BUTTON



SPECIFICATIONS

PRODUCT	: hot products
SEALS	: PTFE
DESIGN PRESSURE	: 10 bar
TEST PRESSURE	: 15 bar
DESIGN TEMP	: -15/+250 °C
TEST PRESS JACKET	: 25 bar
VAPOUR PRESSURE	: 16 bar
VAPOUR TEMPERATURE	: 284 °C

18	NAMEPLATE	2299-0000064	1	0.01	ALUMINIUM
17	GREASE	0130-0000001	0.12	1	
16	HEXAGON SOCKET HEAD CAP SCREW	0015-1000103	7	0.029	8,8
15	HEXAGON NUT	0054-1000008	2	0.0155	6S
14	HEXAGON SOCKET HEAD CAP SCREW	0015-1000118	2	0.048	8,8
13	PLUG	0161-3200004	2	0	
13	PNEUMATIC PISTON SUPPORT RH/LH	1400-1101002	1	1.4	AISI304
12	C.S. PIPE CLAMPS	3014-1011	1	0	C.S.
11	HYGH TEMP SS HOSE DN15	90231120001	4	1.5	
10	DRIP CAN	31260103-904	1	0.62	
9	HANDLE FOR DROP PIPE 4"	31230002	1	2.4	
8	PNEUMATIC ACTUATION	30195041-901	1	19	
7	MOUNTING KIT	23053203	1	2.08	AISI304
6	4" BUTTERFLY VALVE PTFE LINED +ACTUATOR	0472-9007402A	1	7.3	CAST IRON+PTFE LINED
5	PNEUMATIC CYLINDER	30160103	1	14.5	ALUMINIUM+STAINLESS STEEL
4	COMPRESSION SPRING BALANCE PISTON	2000-BSP-CB	1	37.5	CARBON STEEL
3	PILLOW BLOCK	0423-1000030H	1	1.9	CAST IRON
2	ASSEMBLY KIT - 4" SWIVEL, TEFLON SEALS	2310-15T	4	5.7	C.S.+PTFE
1	4" TLA LONG REACH C.S.WELDED	1201-5402918M	1	205	CARBON STEEL
Pos	Descrizione	Codice	Q.tà	Peso	Materiale

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY



stabilimento e uffici:
 via Collegio di Spagna 34
 Tel. 799225 - cap 48064
 Ozzano Emilia (Bologna)

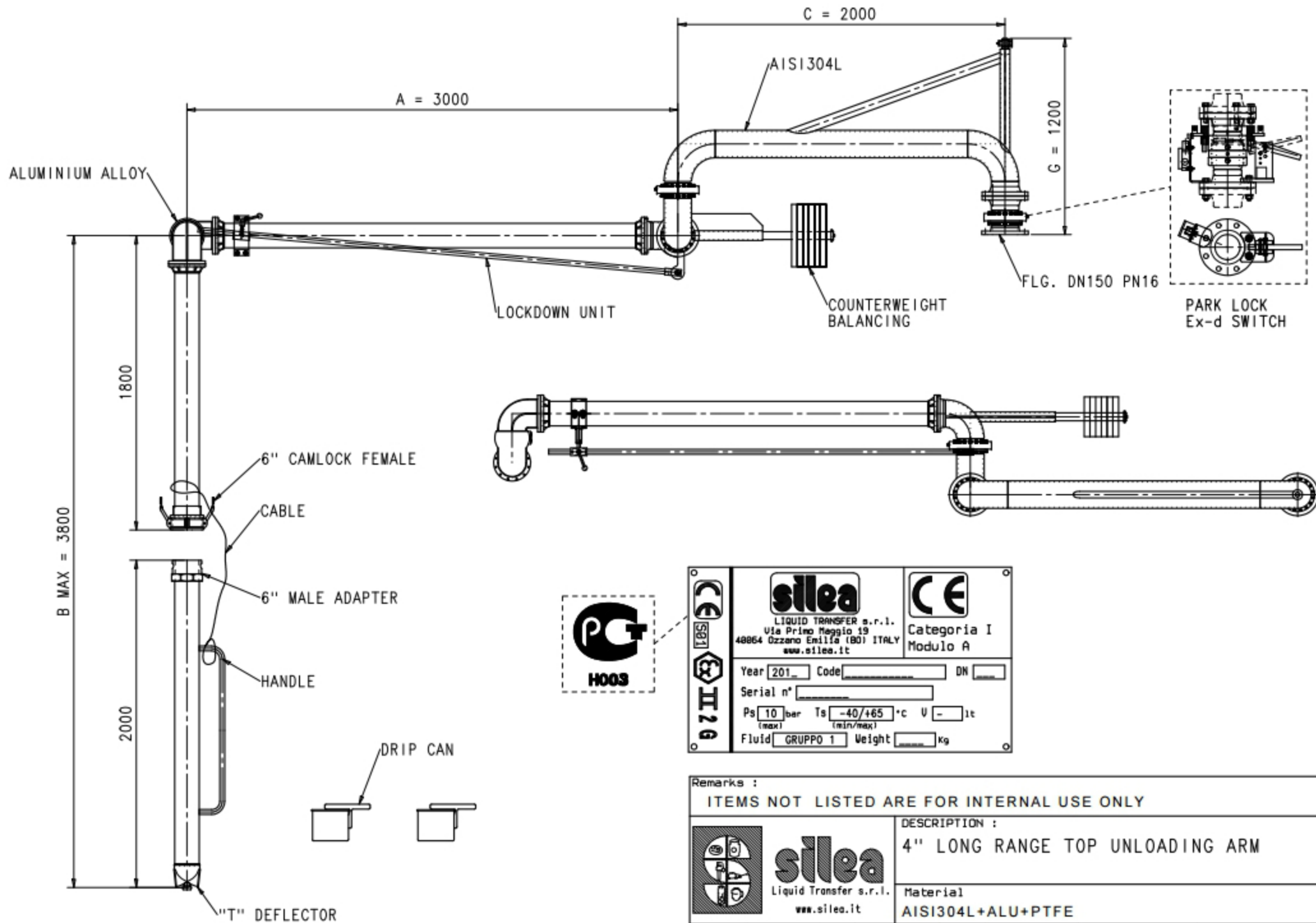
silea
 S.p.A.

DESCRIPTION :

4" TLA LONG REACH C.S. FOR HOT PRODUCTS

Material
 CARBON STEEL

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
0	321	m-molinari		1:25	01/06/2012	12015402-918M



 	 LIQUID TRANSFER s.r.l. Via Primo Maggio 19 48064 Ozzano Emilia (BO) ITALY www.silea.it		 Categoria I Modulo A
	Year 201	Code	DN
	Serial n°		
	Ps 10 bar (max)	Ts -40/+65 °C (min/max)	V - lt
	Fluid GRUPPO 1	Weight	kg

Remarks :

ITEMS NOT LISTED ARE FOR INTERNAL USE ONLY



LIQUID TRANSFER s.r.l.
www.silea.it

DESCRIPTION :

4" LONG RANGE TOP UNLOADING ARM

Material

AISI304L+ALU+PTFE

Rev.	Weight kg	Drawn by	Vis.	Scale	Date	Code
0	0	utec3		1:22	10/12/2014	12015803-901