



Pos.	Description	Material, Type	Size
1	Control cabinet IWS	Steel	300x800x1000
2	Cover, insulated	PE / AI / AISI304	905x1300
3	Handrail, telescopic	AISI316	220x925
4	Ventilation, vandalproof	PE	D110
5	Control cabinet base	PE100	300x800
6	Service opening, insulated	PE	755x1185
7	Ladder, non slippery steps	AISI316	300x345
8	Lifting chains, service platform	AISI316	3 mm
9	Tank cylinder, double wall	PE100	ID1600, SN4
10	Hydrostatic level sensor tube	PE100	D110 SDR33
11	Outlet tube D1	PE100	D75 ... D110 SDR17
12	Pressure pipe tee 120°	AISI316	
13	Gate valve AVK	Ductile iron, epoxy coating	DN65 ... DN100
14	Non return valve, NBR ball AVK	Ductile iron, epoxy coating	
15	Pressure pipe	PE100	D75 ... D110 SDR17
16	Floating switch	-	2xMS1
17	Service platform	PE100/AISI316	30 mm
18	Pump guiding rails	AISI316	D48,3
19	Pump	-	$H_{max} = \dots m, Q_{max} = \dots m^3/h$
20	Pump auto-coupling	Ductile iron, epoxy coating	DN65 ... DN100
21	Bottom, steel reinforced	PE100/Steel	100 mm
22	Concrete plate, reinforced	Concrete	200x2400x2400
23	Backing rings	PP/Steel	DN65 ... DN100
24	Bolts, nuts, washers	AISI316	M16

Cover, insulated	PE / AI / AISI304
Internal pressure piping	DN =mm
Outlet depth from Ground Surface	H1 =mm
Inlet depth from Ground Surface	H2 =mm
Inlet tube diameter	D2 =mm
Inlet tube distance from Bottom	H3 =mm
Inlet angle (measured clockwise from OUTLET)	$\alpha = \dots \dots \dots^\circ$
Control cabinet angle (measured clockwise from OUTLET)	$\beta = \dots \dots \dots^\circ$
Pump designation / code

Drawn:	A.Käärid	Pumping Station ID1600 STRONG Plastic cover		
Approved:	J.Karolin			
www.iwsgroup.ee		Mass: kg	Product code:	Rev.
Innovative Water Systems		NA	505165	1