



ITEM NUMBER	222E-001	222P-002	222A-002	222E-003	222E-004	222T-002	224E-001	224A-002	224P-002	224E-004	224T-002
TECHNICAL DATA	HC Cleaner200B 2200 l/min 4,2 %	ACP65-315.4S 2000 l/min 4,2 %	SSF-60 80 - 1/min 5,5 %	RF-2 2200 l/min 4,2 %	RF-2 2200 l/min 4,2 %	- 1/min 4,2 %	HC Cleaner300B 2200 l/min 4,2 %	SSF-60 80 - 1/min 5,5 %	ACP125-315.4F 4000 l/min 4,2 %	RF-3 4500 l/min 4,2 %	- 1/min 4,2 %
DUTY, kW	Inst: .	Inst: 37 kW, 1500 rpm	Inst: 18,5 kW, 1500 rpm	Inst: 450 kW, 750 rpm	Inst: 450 kW, 750 rpm	Inst: .	Inst: .	Inst: 18,5 kW, 1500 rpm	Inst: 75 kW, 1500 rpm	Inst: 710 kW, 1500 rpm	Inst: .

REV	DESCRIPTION	DATE	BY	CHK	
05	Certified, general update	09/04/2025	NOM	JNS	NOM
04	Certified, cones added	07/10/2025	NOM	JNS	NOM
03	Certified, loop number update	05/27/2025	NOM	JNS	NOM
02	Certified, general revision	05/16/2025	NOM	JNS	MSA

MATERIAL CODE			
CODE	NAME	BODY MAT	SEAL. MAT
VH10HT	PN10 AISI 304L		
VH10HA	PN10 AISI 304L		
VH20HA	PN10 AISI 304L		
VH40HA	PN10 AISI 304L		
VALVE TYPE CODE (acc. to SSG)			
CODE	NAME	BODY MAT	SEAL. MAT
45A	BALL VALVE	AISI 304	PTFE
29A	BUTTERFLY VALVE	CARBON STEEL	EPDM
94A	KNIFE GATE VALVE	CARBON STEEL	EPDM
15A	SAMPLE VALVE	AISI 304	PTFE
65A	DISC CHECK VALVE	AISI 304	METAL
55A	DISC CHECK VALVE	AISI 304	METAL
ESSWA	SAFETY VALVE	AISI 304	PTFE
FLOW SUBSTANCES			
MEDIA	NAME		
P95	PULP BLEACHED DRIED DISSOLVED SULPHATE SOFTWOOD		
P96	PULP BLEACHED DRIED DISSOLVED SULPHATE HARDWOOD		
P91	PULP BROKE, MIX OF P95 & P96		
P95	PULP, MACHINE FURNISH, BLEACHED		
B85	WHITE WATER, PAPER MACHINE		
B86	WHITE WATER, CLEAR FILTRATE		
B88	WHITE WATER, SUPERFILTRATE		
W03	WATER, MECHANICALLY TREATED		
G70	AIR, VACUUM SYSTEM		
G75	COMPRESSED AIR, MILL		
G76	COMPRESSED AIR, INSTRUMENT		
D10	EFFLUENT FLOOR, DRAINAGE		
S01	STEAM, LIVE, 4-5 MPa		
S02	STEAM, LIVE, 0,5-1,3 MPa		
C10	CONDENSATE, LIVE STEAM		
A101	WET STRENGTH		
A102	SOFTENER		
A103	ANTI-BACTERIAL		
A104	DEFAMER		
A105	WIRE/FELT PASSIVATION		
A106	FLOCCULANT		
A107	MOFFER		
A108	ADHESIVE		
A109	RELEASE		
A110	BODIE		

Pipe number
Dim. - Media code - Pipe specification

DESIGN FLOW kg/min / cons. % / LPM
MAX FLOW (kg/min / cons. % / LPM)

20 / 4 / 505
(24 / 4 / 600)

224FSA 005 CONNECTED TO DCS SYSTEM

222PI 053 LOCAL

TM PRODUCTION 209 BDT/D
PRODUCTION SPLIT (MAX/LINE):
SOFTWOOD 105 BDT/D
HARDWOOD 209 BDT/D
BROKE 40 BDT/D
RECYCLED BDT/D

DESIGN PRODUCTION 225,8 BDT/D "PROD." 17,5 G/M²
HARDWOOD 65 % 147 BDT/D
SOFTWOOD 30 % 68 BDT/D
BROKE 5 % 11 BDT/D

Valmet
Certified
Signature NOM
Date 04/17/2025

CONFIDENTIAL	CUSTOMER NAME	CUSTOMERS DRWG. NAME/FILE	SYSTEM
UK	CONFIDENTIAL		AutoCAD
ORIG. NAM. / PROJECT NIM	UK	CUSTOMERS POS. NAM.	
SCALE	1:1	DATE	2024-12-17
DOCUMENT KIND	FLOW DIAGRAM	CHECKED	JNS
DATE	2025-09-04	APPROVED	NOM
DATE	2025-09-04	REVISION	05
TITLE	VESTA SOFT AND HARDWOOD LINE REASON FOR ISSUE CERTIFIED	DOCUMENT ID	KSDMC4.090A102

