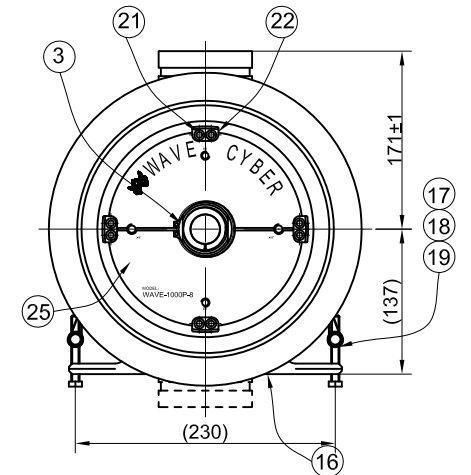
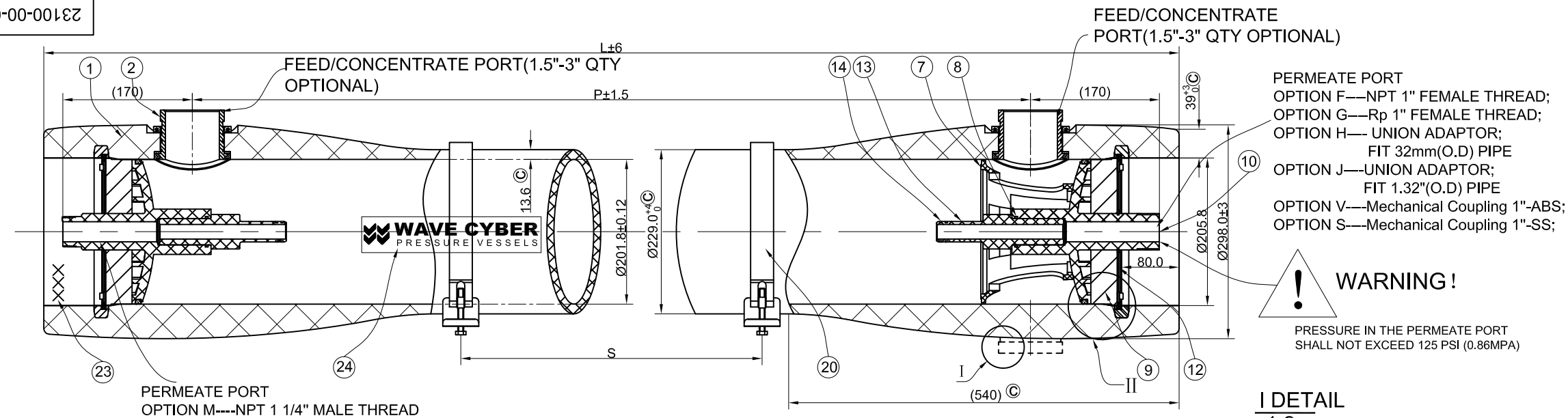
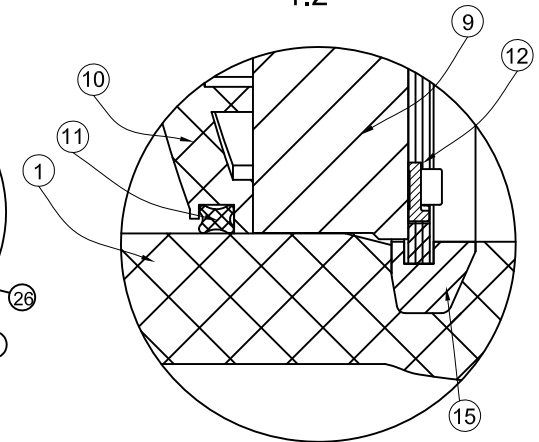
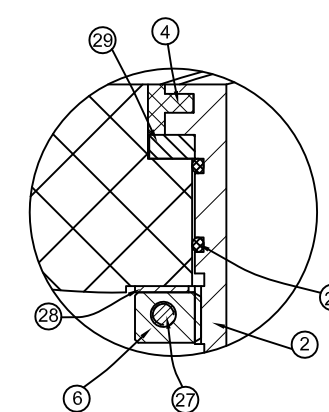
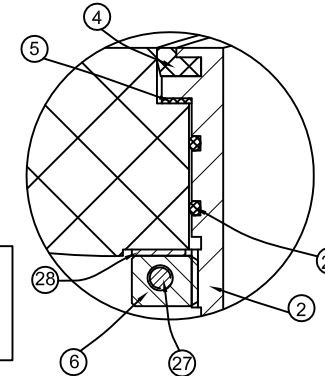


Z0-00-001E2

I
1:2

1.5"-2.5"SIDE PORT

3"SIDE PORT

II
1:2

SIDE PORT O-RING	Ø80(I.D)*Ø2.65	3"	10392
	Ø70(I.D)*Ø2	2.5"	10425
	Ø55(I.D)*Ø2	2"	10424
	Ø42(I.D)*Ø2	1.5"	10423
CURVED SIDE PORT SEAL	23100-07-04	3"	10491
	23100-07-02	2.5"	10497
	23100-07-01	2"	10495
	23100-07-03	1.5"	10493
SIDE PORT SEAL GASKET	23100-33	2.5"	10498
	23100-37	2"	10496
	23100-29	1.5"	10494
	23100-46-04	3"	20286
SIDE PORT GASKET	23100-46-03	2.5"	20285
	23100-46-02	2"	20280
	23100-46-01	1.5"	20279
	23100-45-04	3"	20458
SIDE PORT NUT	23100-45-03	2.5"	20457
	23100-45-02	2"	20456
	23100-45-01	1.5"	20455
	23100-02-07-04	U 3"	20389-1
SIDE PORT	23100-02-02-05	T 2.5"	20625-1
	23100-02-01-05	S 2"	20624-1
	23100-02-03-05	R 1.5"	20626-1
DESCRIPTION	DRAWING NO.	CODE	SIZE

LENNTECH
info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289

- 1.Flexible piping should be used on permeate connection to manifold.
- 2.Side port misalignment can not exceed 0.7mm in any direction.
- 3.MPV is not designed for negative pressures.

BEARING PLATE 1000 PSI	23100-09-01	SB-209,6061-T651	20317	ASME CODE PRODUCT
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER NO.	REMARK

PERMEATE PORT 1000 PSI	23300-10-08	UF	VICTAULIC 1.5"	10504
	23300-10-09	N	NPT 1 1/2" MALE THREAD	10847
	23300-10-06	M	NPT 1 1/4" MALE THREAD	10088
	23300-10-05	S	MECHANICAL COUPLING 1"-SS	10073
	23300-10-05	V	MECHANICAL COUPLING 1"-ABS	10073
	23300-10-05	J	UNION ADAPTOR 1"(1.32")	10073
	23300-10-05	F	NPT 1" FEMALE THREAD	10073
DESCRIPTION	23300-10-05	G	Rp 1" FEMALE THREAD	10073
	23300-10-05	H	UNION ADAPTOR 1"(32mm)	10073
	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	Weight Four Sideports lb (kg)
-1	62.3 (1582)	46 (1168)	1@16 (420)	166 (75.4)
-1.5	82.3 (2090)	66 (1676)	1@36 (910)	185 (84.1)
-2	102.3 (2598)	86 (2184)	1@55 (1400)	205 (92.8)
-3	142.3 (3614)	126 (3200)	1@80 (2032)	243 (110.2)
-4	182.3 (4630)	166 (4216)	2@64 (1626)	281 (127.6)
-5	222.3 (5646)	206 (5232)	2@78 (1981)	320 (145)
-6	262.3 (6662)	246 (6248)	2@92 (2337)	358 (162.5)
-7	302.3 (7678)	286 (7264)	2@106 (2692)	397 (179.9)
-7.5	322.3 (8186)	306 (7772)	2@114 (2896)	416 (188.6)
-8	342.3 (8694)	326 (8280)	2@120 (3048)	435 (197.3)

29	SIDE PORT WASHER	23100-26	2	304	20303
28	SIDE PORT GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	SA-213,TP316L	SEE THE CHART
27	SIDE PORT BOLT		4	M4*16 STAINLESS STEEL, GRADE 8.8	20439
26	SIDE PORT O RING	SEE "SIDE PORT CONFIGURATIONS"	4	EPDM	SEE THE CHART
25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40845
24	LOGO LABEL		1	ADHESIVE LABEL	40255
23	SERIAL NO LABEL		1	ARTPAPER 20*53	40425
22	RETAINING BLOCK	23300-36-01	8	316	20183-1
21	SCREW	GB819-85	16	M5*14 STAINLESS STEEL	20833
20	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
19	STRAP SCREW		4or6	M8*90 STAINLESS STEEL, GRADE 8.8	20129
18	STRAP NUT	(23300-18)EC30-08-18	4or6	Hpb51-9	20123
17	STRAP	(23300-17)EC30-08-17	2or3	A666,304	20123
16	SADDLE	(23300-16)EC30-08-16	2or3	TPU(S60D)	10141
15	EMBEDDED RING	23100-10	2	SA-312,TP316L	20190
14	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
13	ADAPTOR	(23300-13)EC30-08-13	2	ABS,CHIMEI757K	10125
12	RETAINING RING	(23100-12)EC10-08-12	2	A580,316	20024
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(1000PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PF062-3	SEE THE CHART
9	BEARING PLATE	SEE "BEARING PLATE CONFIGURATIONS"	2	SEE THE CONFIGURATIONS	SEE THE CHART
8	PERMEATE PORT O RING	(23300-08)EC30-08-08	2	EPDM	10181
7	THRUST CONE	(23300-07)EC30-08-07	1	PF062-3	10192
6	SIDE PORT NUT	SEE "SIDE PORT CONFIGURATIONS"	2	316L	SEE THE CHART
5	SIDE PORT SEAL GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	EPDM	SEE THE CHART
4	CURVED SIDE PORT SEAL	SEE "SIDE PORT CONFIGURATIONS"	2	EPDM	SEE THE CHART
3	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	A580,316	20107
2	SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	SA-789, S32750	SEE THE CHART
1	SHELL	23100-01-04	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

TECHNICAL REQUIREMENT

1. MANUFACTURED IN CONFORMITY TO 《ASME BOILER&PRESSURE VESSEL CODE》
SECTION X: 《FIBER REINFORCED PLASTIC PRESSURE VESSELS》-CLASS I VESSLES;
 2. MAX OPERATING PRESSURE: 1000Psi (6.8947MPa),
ALLOWABLE TEMPERATURE RANGE: 20°F(-7℃)~120°F(49℃),
NOT APPLICABLE TO CORROSIVE LIQUID;
 3. LEAKAGE TEST: HYDRO TEST, TESTED AT 1.1 TIMES ITS OPERATING PRESSURE,
I.E.: 1100Psi (7.5841MPa), SAMPLE RATE: 100%;
- NOTE: DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.

9	THE SIDE PORT MATERIAL HAVE CHANGED;		2014/09/09
8	ADD THE NOTES:		2013/02/05
7	RETAINING BLOCKS AND SCREW CHANGED; HEAD SEAL CHANGED;		2012/09/14
6	SIZE CHANGED: INCREASE TWO RETAINING BLOCKS AND DELETE 3 INCH SIDE PORT SEAL GASKET;		2011/07/18
5	HEAD SEAL CHANGED;		2011/01/28
4	1S SHELL SADDLE DISTANCE CHANGED; @ INCREASE OR CHANGE SIZE		2010/04/15
3	ADD 1.5"-2" SIDE PORT CONFIGURATION		2010/01/28
REVISION		SIGNATURE	DATA
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		THE DIMENSIONS ARE FOR REFERENCE ONLY	
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
DESIGN	NAME	DATE	SCALE 1:6
INSPECTION			MATERIAL
APPROVAL			MODEL WAVE-1000P-8
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		QUANTITY	DESCRIPTION 1000P-8 MEMBRANE HOUSING (Hi-Flo)
PROJECTION		SMOOTHNESS	COMPUTER CODE
DO NOT MEASURE THE DIMENSIONS.		DRAWING NO. 23100-00-02	VERSION NO. 9
UNIT: MM		TOTAL PAGE: 1	