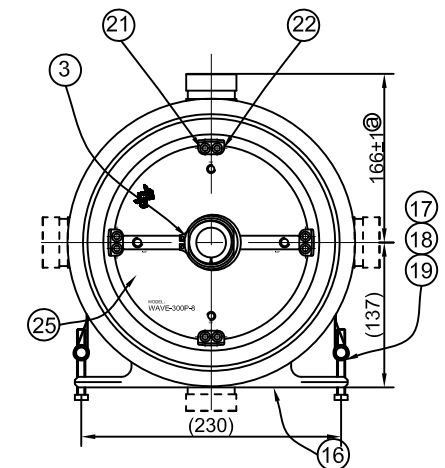
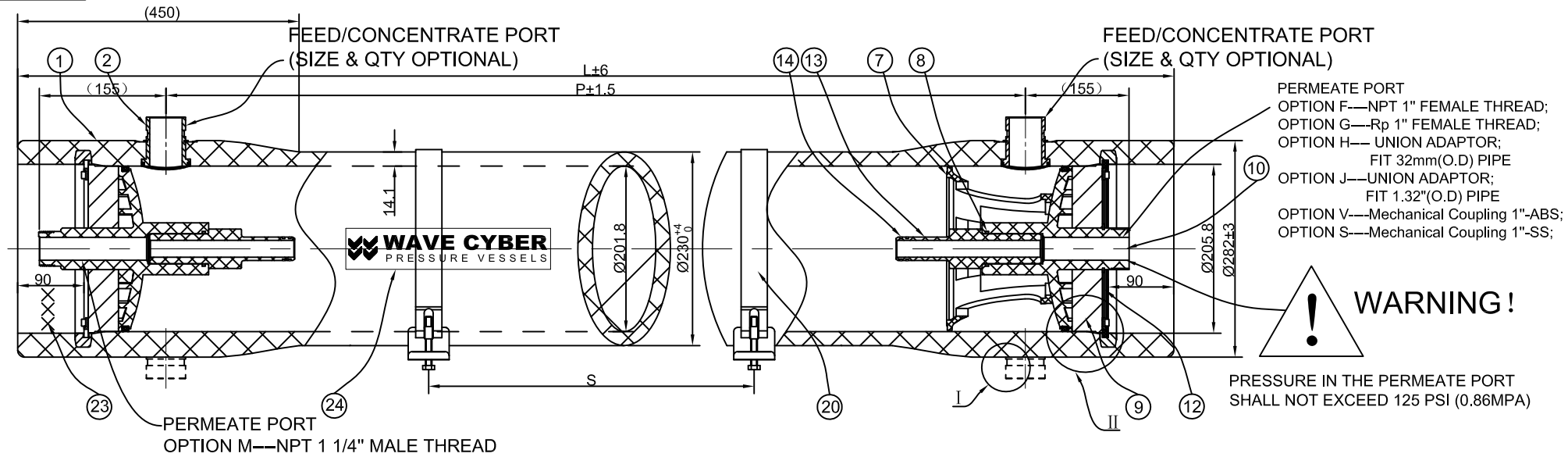
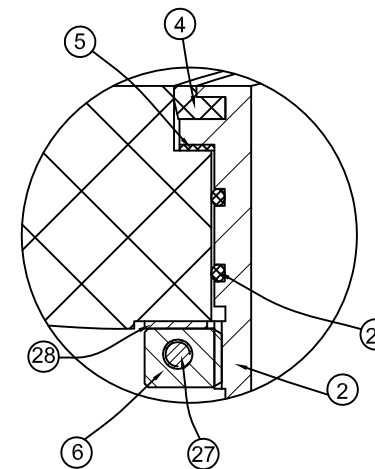
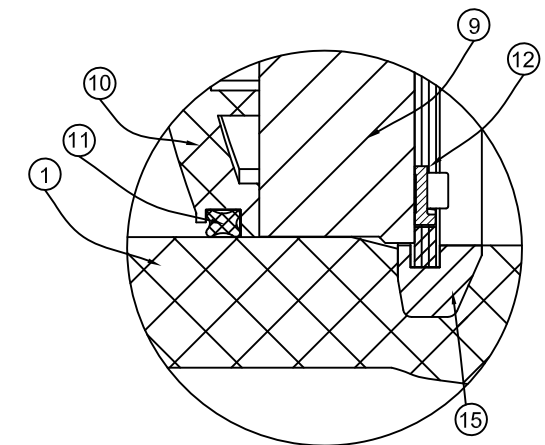


00-021E2

I DETAIL
1:2II DETAIL
1:2

SIDE PORT NUT	23100-45-03		2.5"	20457
	23100-45-02		2"	20456
	23100-45-01		1.5"	20455
SIDE PORT PACKING WASHER	23100-33		2.5"	10498
	23100-37		2"	10496
	23100-29		1.5"	10494
SHELL	23120-01-02		2.5"	
	23120-01-01		2"	
	23120-01-03		1.5"	
CURVED SIDEPORT SEAL	23100-07-02		2.5"	10497
	23100-07-01		2"	10495
	23100-07-03		1.5"	10493
SIDEPORT O RING	Ø70(I.D.)*Ø2		2.5"	10425
	Ø55(I.D.)*Ø2		2"	10424
	Ø42(I.D.)*Ø2		1.5"	10423
SIDE PORT GASKET	23100-46-03		2.5"	20285
	23100-46-02		2"	20280
	23100-46-01		1.5"	20279
SIDE PORT	23120-02-02-03	T	2.5"	20383-1
	23120-02-01-03	S	2"	20382-1
	23120-02-03-03	R	1.5"	20381-1
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

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- 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	23120-10	SB-209.6061-T651	20435	ASME CODE PRODUCT
1200PSI	23120-10-01	SB-211.6061-T6	20435-1	
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER CODE	REMARK

PERMEATE PORT 1200 PSI	23300-10-08	UF	CONNECTED WITH VICTAULIC	10605
	23300-10-09	N	NPT 1 1/2" MALE THREAD	10848
	23300-10-06	M	NPT 1 1/4" MALE THREAD	10604
	23300-10-05	S	MECHANICAL COUPLING 1"-SS	10602
	23300-10-05	V	MECHANICAL COUPLING 1"-ABS	10602
	23300-10-05	J	UNION ADAPTOR(American Standard)	10602
	23300-10-05	F	NPT 1" FEMALE THREAD	10602
	23300-10-05	G	Rp 1" FEMALE THREAD	10602
DESCRIPTION	23300-10-05	H	UNION ADAPTOR(National Standard)	10602

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	WEIGHT lb (kg)
-1	63.31 (1608)	47 (1194)	1@18 (450)	154.3 (70)
-1.5	83.31 (2116)	67 (1702)	1@38 (960)	174.2 (79)
-2	103.31 (2624)	87 (2210)	1@56 (1422)	194 (88)
-3	143.31 (3640)	127 (3226)	1@80 (2032)	233.7 (106)
-4	183.31 (4656)	167 (4242)	2@64 (1626)	273.4 (124)
-5	223.31 (5672)	207 (5258)	2@78 (1981)	313.1 (142)
-6	263.31 (6688)	247 (6274)	2@92 (2337)	352.8 (160)
-7	303.31 (7704)	287 (7290)	2@106 (2692)	392.5 (178)
-7.5	323.31 (8212)	307 (7798)	2@114 (2896)	412.3 (187)
-8	343.31 (8720)	327 (8306)	2@120 (3048)	432.1 (196)

28	SIDE PORT GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	SA-213,TP316L	SEE THE CHART
27	SIDE PORT SCREW		2	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	40846
24	LOGO LABEL		1	ADHESIVE LABEL	40255
23	SERIAL NO. LABEL		1	ARTPAPER 20*53	40223
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	23120-15-01	2	SA-312, TP316L	20433
14	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
13	ADAPTOR	(23300-13)EC30-08-13	2	ABS CHIMEI 757K	10125
12	RETAINING RING	23120-11	2	SA-479,316	20434
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(1200PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PF062-3	SEE THE CHART
9	BEARING PLATE	SEE "PERMEATE PORT CONFIGURATIONS"	2	SEE "PERMEATE PORT 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	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	SEE "SIDE PORT CONFIGURATIONS"	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: 1200Psi (8.2736MPa) ,
ALLOWABLE TEMPERATURE RANGE: 20°F(-7°C)~120°F(49°C),
NOT APPLICABLE TO CORROSIVE LIQUID;
 3. LEAKAGE TEST: HYDRO TEST, TESTED AT 1.1 TIMES ITS OPERATING PRESSURE,
I.E.: 1320Psi (9.1009MPa) , SAMPLE RATE: 100%;
- NOTE: DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.

14	THE SIDE PORT MATERIAL HAVE CHANGED;				2014/09/09	
13	ADD THE NOTES;				2013/02/06	
12	RETAINING BLOCK AND SCREW CHANGED; HEAD SEAL CHANGED;				2012/09/04	
11	ⓐ INCREASE TOLERANCE;				2011/07/04	
10	HEAD SEAL CHANGED;				2011/02/11	
REVISION		DESCRIPTION			SIGNATURE	DATA
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY);		THE DIMENSIONS ARE FOR REFERENCE ONLY				
SIGNATURE		 WAVE CYBER (SHANGHAI) CO., LTD.				
DESIGN	NAME	DATE	SCALE	MATERIAL	MODEL	WAVE-1200P-8
INSPECTION			1:7		DESCRIPTION	
APPROVAL			QUANTITY	SMOOTHNESS	1200P-8 MEMBRANE HOUSING	
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.			PROJECTION	COMPUTER CODE	DRAWING NO.	VERSION NO.
					23120-00	14
			DO NOT MEASURE THE DIMENSIONS.	UNIT: MM	TOTAL PAGE: 1	