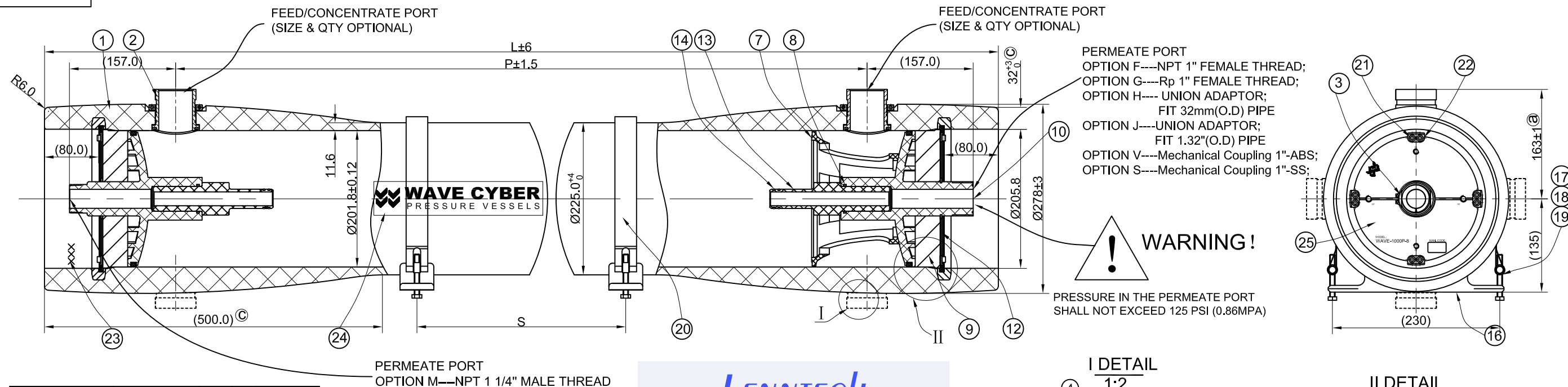


00-001&Z



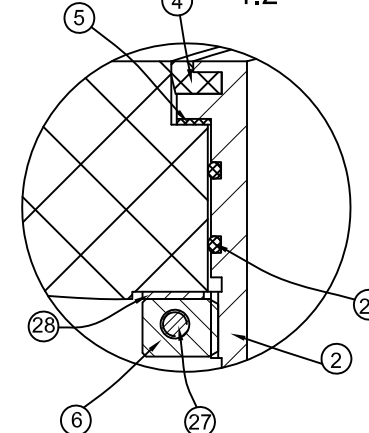
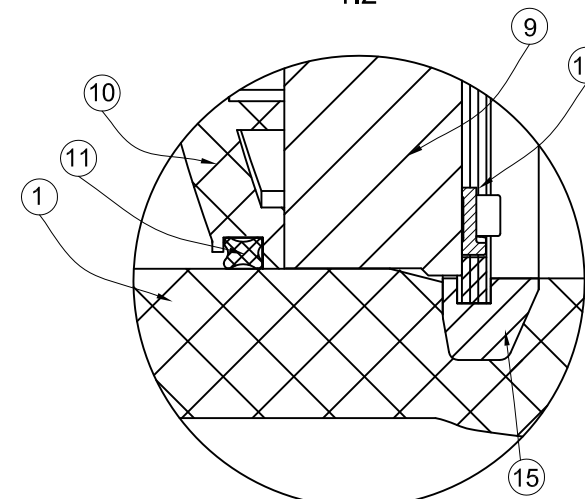
SIDE PORT O RING	Ø70(I.D.)*Ø2		2.5"	10425
	Ø55(I.D.)*Ø2		2"	10424
	Ø42(I.D.)*Ø2		1.5"	10423
CURVED SIDEPORT SEAL	23100-07-02		2.5"	10497
	23100-07-01		2"	10495
	23100-07-03		1.5"	10493
SIDE PORT PACKING WASHER	23100-33		2.5"	10498
	23100-37		2"	10496
	23100-29		1.5"	10494
SIDE PORT GASKET	23100-46-03		2.5"	20285
	23100-46-02		2"	20280
	23100-46-01		1.5"	20279
SIDE PORT NUT	23100-45-03		2.5"	20457
	23100-45-02		2"	20456
	23100-45-01		1.5"	20455
SIDE PORT	23100-02-02-04	T	2.5"	20388-1
	23100-02-01-04	S	2"	20387-1
	23100-02-03-04	R	1.5"	20386-1
SHELL	23100-01-02		2.5"	
	23100-01-01		2"	
	23100-01-03		1.5"	
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

- 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	23100-09-01	SB-209.6061-T651	20317	ASME CODE PRODUCT
1000 PSI	23100-09	SB-211.6061-T6	20062	
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER CODE	REMARK

PERMEATE PORT 1000 PSI	23300-10-08	UF	CONNECTED WITH VICTAULIC	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(American Standard)	10073
	23300-10-05	F	NPT 1" FEMALE THREAD	10073
	23300-10-05	G	Rp 1" FEMALE THREAD	10073
DESCRIPTION	23300-10-05	H	UNION ADAPTOR(National Standard)	10073
	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

28	SIDE PORT GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	SA-213, TP316L	SEE THE CHART
27	SIDE PORT SCREW		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	Hbb51-9	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 CHIMEI 757K	10125
12	RETAINING RING	(23100-12)EC10-08-12	2	SA-479,316	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 "BEARING PLATE 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 PACKING WASHER	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	SEE THE CHART
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

I DETAIL
1:2II DETAIL
1:2

TECHNICAL REQUIREMENT

1. MANUFACTURED IN CONFORMITY TO « ASME BOILER&PRESSURE VESSEL CODE » SECTION X: « FIBER REINFORCED PLASTIC PRESSURE VESSELS » -CLASS I VESSELS;
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.

18	THE SIDE PORT MATERIAL HAVE CHANGED;		2014/09/09
17	ADD THE NOTES;		2013/02/06
16	© DIMENSION CHANGED; RETAINING BLOCK AND SCREW CHANGED;		2012/06/19
15	© INCREASE TOLERANCE;		2011/07/04
14	HEAD SEAL CHANGED;		2011/02/11
13	SHELL WEIGHT CHANGED;		2010/12/02
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
INSPECTION			1:6
APPROVAL			QUANTITY
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	SMOOTHNESS
		COMPUTER CODE	MODEL WAVE-1000P-8
		DRAWING NO.	DESCRIPTION
		(23100-00)EC10-08-00	1000P-8 MEMBRANE HOUSING
		VERSION NO.	18
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1