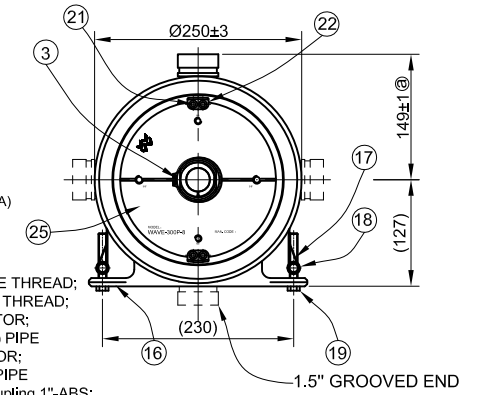
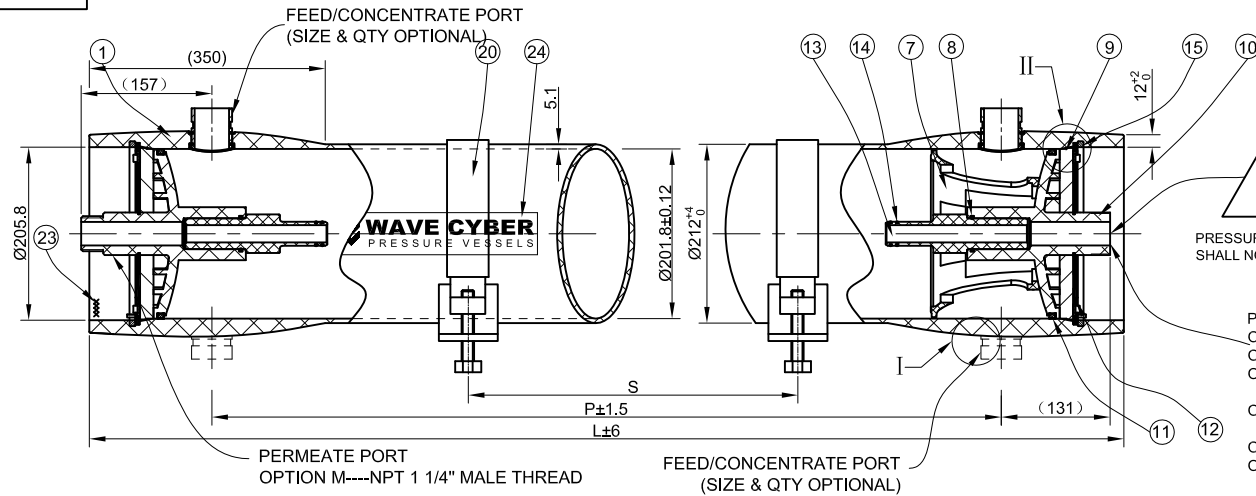


00-003E2

II DETAIL
1:1

LENNTECH

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SIDE PORT	23300-02-02		2.5"	20084
	23300-02-01		2"	20083
	23300-02-03		1.5"	20085
SIDE PORT O RING	Ø70(I.D.)×22		2.5"	10425
	Ø55(I.D.)×22		2"	10424
	Ø42(I.D.)×22		1.5"	10423
SHELL	(23300-01-02)EC30-08-01/2		2.5"	
	(23300-01-01)EC30-08-01/1		2"	
	(23300-01-03)EC30-08-01/3		1.5"	
CURVED SIDE PORT SEAL	23300-04-02-01		2.5"	10614
	23300-04-01-01		2"	10613
	23300-04-03-01		1.5"	10615
SIDE PORT RETAINING RING	(23300-06-02)EC30-08-06/2		2.5"	20112
	(23300-06-01)EC30-08-06/1		2"	20111
	(23300-06-03)EC30-08-06/3		1.5"	20113
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	23300-09-01	SB-209.6061-T651	20315	ASME CODE PRODUCT
300 PSI	23300-09	SB-211.6061-T6	20059	
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER CODE	REMARK

PERMEATE PORT 300 PSI	23300-10-08	UF	CONNECTED WITH VICTAULIC	10430
	23300-10-09	N	NPT 1 1/2" MALE THREAD	10844
	23300-10-06	M	NPT 1 1/4" MALE THREAD	10085
	23300-10-05	S	MECHANICAL COUPLING 1"-SS	10070
	23300-10-05	V	MECHANICAL COUPLING 1"-ABS	10070
	23300-10-05	J	UNION ADAPTOR(American Standard)	10070
	23300-10-05	F	NPT 1" FEMALE THREAD	10070
DESCRIPTION	23300-10-05	H	UNION ADAPTOR(National Standard)	10070
	23300-10-05	H	UNION ADAPTOR(National Standard)	10070
DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

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: 300Psi (2.0684MPa) ,
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.; 330Psi (2.2752MPa) , SAMPLE RATE: 100% ;
NOTE: DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY.

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	Shell Weight lb (kg)
-1	58.4 (1485)	47 (1194)	1@28 (711)	52.8 (24)
-1.5	78.4 (1993)	67 (1702)	1@42 (1067)	61.6 (28)
-2	98.4 (2501)	87 (2210)	1@56 (1422)	69.3 (31.5)
-3	138.4 (3517)	127 (3226)	1@80 (2032)	85.8 (39)
-4	178.4 (4533)	167 (4242)	2@64 (1626)	102.3 (46.5)
-5	218.4 (5549)	207 (5258)	2@78 (1981)	118.8 (54)
-6	258.4 (6565)	247 (6274)	2@92 (2337)	135.3 (61.5)
-7	298.4 (7581)	287 (7290)	2@106 (2692)	151.8 (69)
-7.5	318.4 (8089)	307 (7798)	2@114 (2896)	160.6 (73)
-8	338.4 (8597)	327 (8306)	2@120 (3048)	168.3 (76.5)

25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40757
24	LOGO LABEL		2	ADHESIVE LABEL	40255
23	SERIAL NO. LABEL		1	ART/PAPER 20"×3	40425
22	RETAINING BLOCK	23300-36-01	4	316	20183-1
21	SCREW	GB819-85	8	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	(23300-15)EC30-08-15	2	SA-312, TP316L	20072
14	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
13	ADAPTOR(Ø29.1)	(23300-13)EC30-08-13	2	ABS CHIMEI 757K	10125
12	RETAINING RING	(23300-12)EC30-08-12	2	SA-479.316	20025
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(300PSI)	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	2	PF062-3	10192
6	SIDE PORT RETAINING RING	SEE "SIDE PORT CONFIGURATIONS"	4	SA-479.316	SEE THE CHART
5	SIDE PORT O RING	SEE "SIDE PORT CONFIGURATIONS"	4	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-213, TP316L	SEE THE CHART
1	SHELL	SEE "SIDE PORT CONFIGURATIONS"	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

16	ADD THE NOTES:			2013/02/06
15	RETAINING BLOCK AND SCREW CHANGED; HEAD SEAL CHANGED;			2012/09/04
14	INCREASE TOLERANCE;			2011/07/04
13	HEAD SEAL CHANGED;			2011/02/10
12	SHELL WEIGHT CHANGED;			2010/12/02
REVISION		DESCRIPTION		SIGNATURE
SIGNATURE		DATE		
DESIGN		SCALE	MATERIAL	MODEL
INSPECTION		1:6		WAVE CYBER (SHANGHAI) CO., LTD.
APPROVAL		QUANTITY	SMOOTHNESS	DESCRIPTION
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	COMPUTER CODE	300P-8 MEMBRANE HOUSING
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	DRAWING NO.	VERSION NO.
			(23300-01)EC30-08-00	16
			TOTAL PAGE: 1	