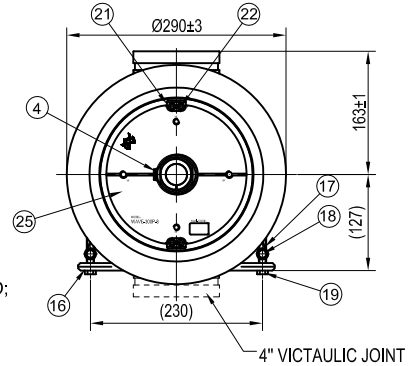
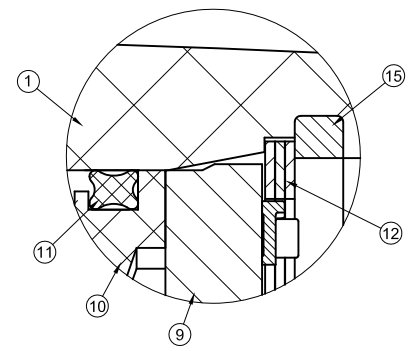
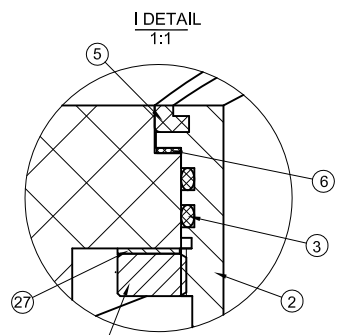


WARNING!
PRESSURE IN THE PERMEATE PORT SHALL NOT EXCEED 125 PSI (0.86MPa)

PERMEATE PORT
OPTION F----NPT 1" FEMALE THREAD;
OPTION G----Rp 1" FEMALE THREAD;
OPTION H----1" UNION ADAPTOR,
FIT 32MM O.D PIPE;
OPTION J----1" UNION ADAPTOR,
FIT 1.32" O.D PIPE;
OPTION V----1" VICTAULIC JOINT;



II DETAIL
1:1



LENNTECH
info@lenntech.com Tel. +31-152-610-900
www.lenntech.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 300 PSI	23300-09-01	SB-209,6061-T651	20315	ASME CODE PRODUCT
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER NO.	REMARK

PERMEATE PORT 300 PSI	23300-10-08	UF	VICTAULIC 1.5"	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 1"(1.32")	10070
	23300-10-05	F	NPT 1" FEMALE THREAD	10070
	23300-10-05	G	Rp 1" FEMALE THREAD	10070
	23300-10-05	H	UNION ADAPTOR 1"(32mm)	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 REFERENCE ONLY.

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	Weight (four sideports) lb (kg)
-1	58.4 (1485)	45.6 (1158)	1@22 (550)	107 (49)
-1.5	78.4 (1993)	65.6 (1666)	1@42 (1067)	114 (52)
-2	98.4 (2501)	85.6 (2174)	1@56 (1422)	121 (55)
-3	138.4 (3517)	125.6 (3190)	1@80 (2032)	134 (61)
-4	178.4 (4533)	165.6 (4206)	2@64 (1626)	147 (67)
-5	218.4 (5549)	205.6 (5222)	2@78 (1981)	160 (73)
-6	258.4 (6565)	245.6 (6238)	2@92 (2337)	173 (79)
-7	298.4 (7581)	285.6 (7254)	2@106 (2692)	187 (85)
-7.5	318.4 (8089)	305.6 (7762)	2@114 (2896)	193 (88)
-8	338.4 (8597)	325.6 (8270)	2@120 (3048)	200 (91)

ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE
27	SIDE PORT GASKET	23100-46-05	2	SA-213, TP316L	20465
26	SIDE PORT NUT	23100-44-05	2	316L	20464
25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40232
24	LOGO LABEL		2	ADHESIVE LABEL	40225
23	SERIAL NO.LABEL		1	ARTPAPER 20*53	40425
22	SCREW	GB819-85	8	M5*14 STAINLESS STEEL	20833
21	RETAINING BLOCK	23300-36-01	4	316	20183-1
20	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
19	STRAP SCREW		4or6	M8*90 STAINLESS STEEL, GRADE 3.8	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(S80D)	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_750	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	1	PF062-3	10192
6	SIDE PORT SEAL GASKET	23300-05-06	2	EPDM	10564
5	CURVED SIDE PORT SEAL	23300-04-06	2	EPDM	10565
4	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	A580 316	20107
3	SIDE PORT O RING	Ø108(LD)PØ3.5	4	EPDM	10563
2	SIDE PORT	23300-02-06	2	SA-213, TP316L	20477
1	SHELL	23300-01-06	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

REVISION	DESCRIPTION	SIGNATURE	DATE
2	ADD THE NOTES:		2013/02/05
1	RETAINING BLOCK AND SCREW CHANGED; HEAD SEAL CHANGED:		2012/09/05
0	FIRST ISSUE:		2011/11/16

REVISION DESCRIPTION SIGNATURE DATA

REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):

THE DIMENSIONS ARE FOR REFERENCE ONLY

WAVE CYBER (SHANGHAI) CO., LTD.

DESIGN	SCALE 1:7	MATERIAL	MODEL WAVE-300P-8
INSPECTION	QUANTITY	SMOOTHNESS	DESCRIPTION 300P-8 MEMBRANE (4")
APPROVAL	PROJECTION	COMPUTER CODE	DRAWING NO. 23300-00-10
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		VERSION NO. 2	TOTAL PAGE: 1

DO NOT MEASURE THE DIMENSIONS. UNIT: MM