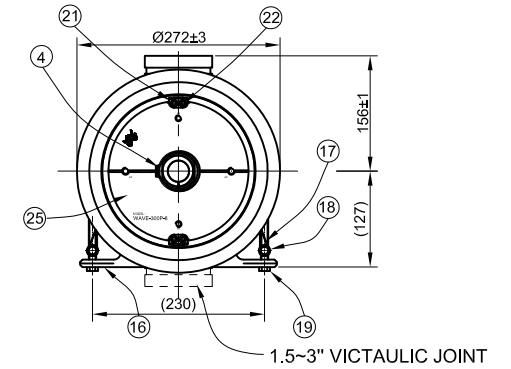
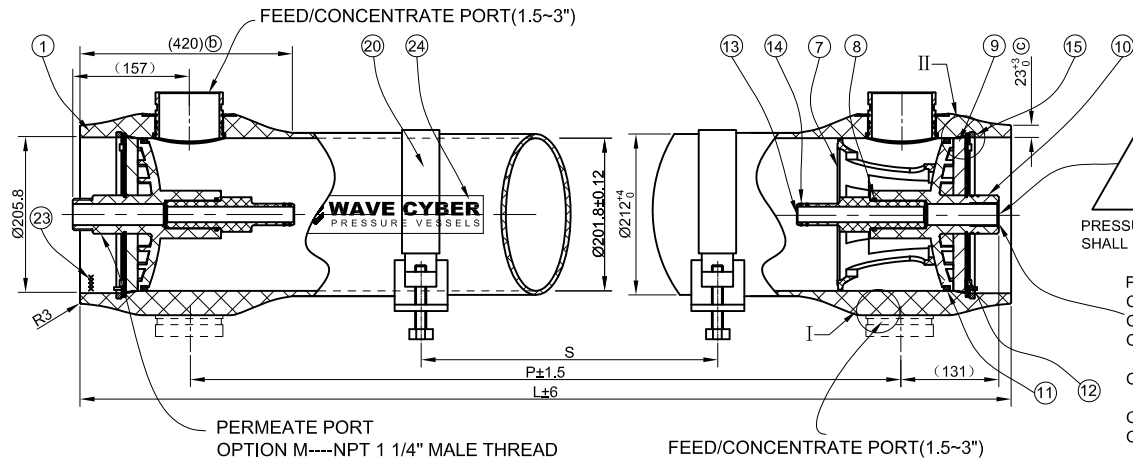




- 1.Flexible piping should be used on permeate connection to manifold.
- 2.Side port misalignment can not exceed 0.7mm in any direction.
- 3.MPV is not designed for negative pressures.

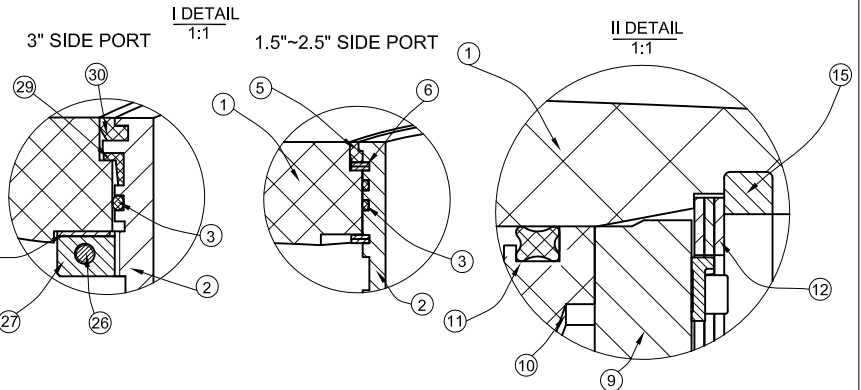
SIDEPORT O RING	Ø80(I.D.)×Ø2.65	3"	10392	2
	Ø70(I.D.)×Ø2	2.5"	10425	4
	Ø55(I.D.)×Ø2	2"	10424	4
	Ø42(I.D.)×Ø2	1.5"	10423	4
CURVED SIDEPORT SEAL	23300-04-02-01	2.5"	10614	2
	23300-04-01-01	2"	10613	2
	23300-04-03-01	1.5"	10615	2
RETAINING RING	(23300-06-02)EC30-08-06/2	2.5"	20112	4
	(23300-06-01)EC30-08-06/1	2"	20111	4
	(23300-06-03)EC30-08-06/3	1.5"	20113	4
SIDE PORT	23300-02-05-03	U 3"	20385	2
	23300-02-02/2	T 2.5"	20294	2
	23300-02-01/2	S 2"	20292	2
	23300-02-03/2	R 1.5"	20296	2
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

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 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

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	WEIGHT lb (kg)
-1	58.4 (1485)	47 (1194)	1@22 (550)	85 (39)
-1.5	78.4 (1993)	67 (1702)	1@42 (1067)	92 (42)
-2	98.4 (2501)	87 (2210)	1@56 (1422)	99 (45)
-3	138.4 (3517)	127 (3226)	1@80 (2032)	112 (51)
-4	178.4 (4531)	167 (4242)	2@64 (1626)	125 (57)
-5	218.4 (5549)	207 (5258)	2@78 (1981)	138 (63)
-6	258.4 (6565)	247 (6274)	2@92 (2337)	151 (69)
-7	298.4 (7581)	287 (7290)	2@106 (2692)	165 (75)
-7.5	318.4 (8089)	307 (7798)	2@114 (2896)	171 (78)
-8	338.4 (8597)	327 (8306)	2@120 (3048)	178 (81)

30	CURVED SIDE PORT SEAL(3")	23450-03-05	2	EPDM	10709
29	SIDE PORT SEAL GASKET(3")	23450-26-02	2	EPDM	10710
28	SIDE PORT GASKET(3")	23100-46-04	2	SA-213, TP316L	20286
27	SIDE PORT NUT(3")	23100-45-04	2	316L	20458
26	SIDE PORT BOLT		4	M4*18 STAINLESS STEEL, GRADE 8.8	20439
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	G8B19-85	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	SC91 PVC	10188
19	STRAP SCREW		4or6	M8*90 STAINLESS STEEL, GRADE 8.8	20129
18	STRAP NUT	(23300-18)EC30-08-18	4or6	HP651-9	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(Ø28.1)	(23300-13)EC30-08-13	2	ABS, 150	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	RETAINING RING	SEE "SIDE PORT CONFIGURATIONS"	4	SA-479, 316	SEE THE CHART
5	CURVED SIDE PORT SEAL	SEE "SIDE PORT CONFIGURATIONS"	2	EPDM	SEE THE CHART
4	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	AS80, 316	20107
3	SIDE PORT O RING	SEE "SIDE PORT CONFIGURATIONS"	SEE THE CHART	EPDM	SEE THE CHART
2	SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	SA-213, TP316L	SEE THE CHART
1	SHELL	23300-01-95	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 VESSELS;
 2. MAX OPERATING PRESSURE: 300Psi (2.0684MPa) ,
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.: 330Psi (2.2752MPa) . SAMPLE RATE: 100%;
- NOTE: DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.

14	ADD THE NOTES:		2013/02/05
13	Ø SIZES CHANGED: RETAINING BLOCK AND SCREW CHANGED; HEAD SEAL CHANGED:		2012/09/17
12	Ø SIZES CHANGED AND THE WEIGHT CHANGED:		2011/11/16
11	Ø INCREASE TOLERANCE:		2011/08/03
REVISION	DESCRIPTION	SIGNATURE	DATE
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):	THE DIMENSIONS ARE FOR REFERENCE ONLY		
SIGNATURE	NAME	DATE	
DESIGN			
INSPECTION			
APPROVAL			
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.			
SCALE 1:7	MATERIAL	MODEL WAVE-300P-8	
QUANTITY	SMOOTHNESS	DESCRIPTION 300P-8 MEMBRANE HOUSING (HI-FlO)	
PROJECTION	COMPUTER CODE	DRAWING NO. 23300-00-01	VERSION NO. 14
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1

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