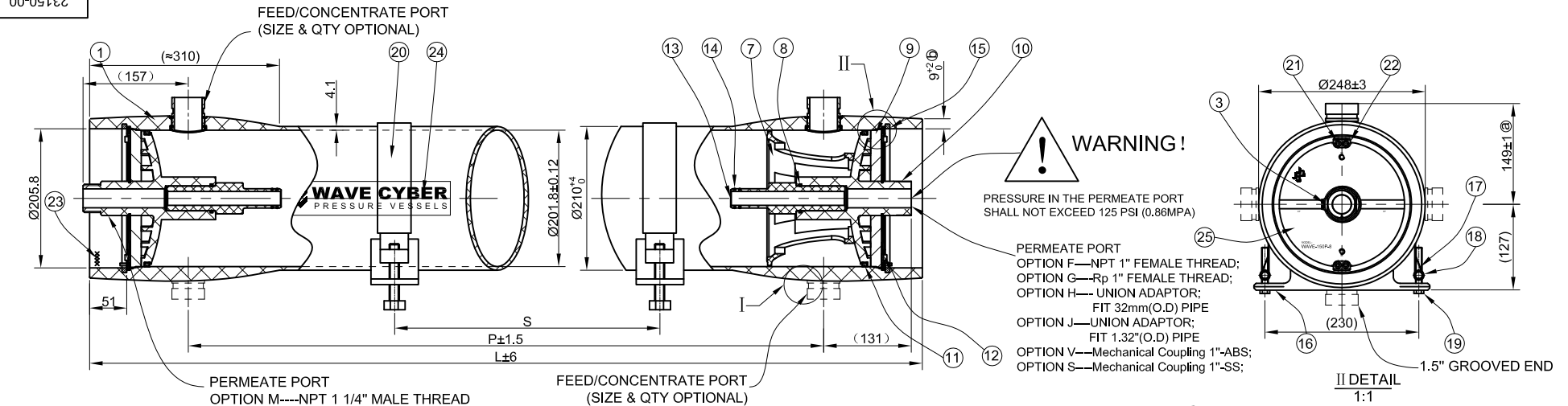


00-091&Z



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SIDEPORT O RING	Ø70(I.D.)×Ø2	2.5"	10425
	Ø55(I.D.)×Ø2	2"	10424
	Ø42(I.D.)×Ø2	1.5"	10423
SHELL	(23150-01-02)EC15-08-01/2	2"	
	(23150-01-01)EC15-08-01/1	2"	
	(23150-01-03)EC15-08-01/3	1.5"	
CURVED SIDEPORT SEAL	23300-04-02-01	2.5"	10614
	23300-04-01-01	2"	10613
	23300-04-03-01	1.5"	10615
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
SIDE PORT	(23300-02-02)EC30-08-02/2	T 2.5"	20084
	(23300-02-01)EC30-08-02/1	S 2"	20083
	(23300-02-03)EC30-08-02/3	R 1.5"	20085
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.

PERMEATE PORT 150 PSI	23300-10-08	UF	CONNECTED WITH VICTAULIC	10501
	23300-10-09	N	NPT 1 1/2" MALE THREAD	10843
	23300-10-06	M	NPT 1 1/4" MALE THREAD	10084
	23300-10-05	S	MECHANICAL COUPLING 1"-SS	10069
	23300-10-05	V	MECHANICAL COUPLING 1"-ABS	10069
	23300-10-05	J	UNION ADAPTOR(American Standard)	10069
	23300-10-05	F	NPT 1" FEMALE THREAD	10069
	23300-10-05	G	Rp 1" FEMALE THREAD	10069
	23300-10-05	H	UNION ADAPTOR(National Standard)	10069
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	58.1 (1477)	47 (1194)	1@28 (711)	54 (24.5)
-1.5	78.1 (1985)	67 (1702)	1@42 (1067)	62 (28)
-2	98.1 (2493)	87 (2210)	1@56 (1422)	70 (31.5)
-3	138.1 (3509)	127 (3226)	1@80 (2032)	88 (37.6)
-4	178.1 (4525)	167 (4242)	2@64 (1626)	105 (47.3)
-5	218.1 (5541)	207 (5258)	2@78 (1981)	122 (55)
-6	258.5 (6559)	247 (6274)	2@92 (2337)	138 (62)
-7	298.1 (7573)	287 (7290)	2@106 (2692)	155 (70)
-7.5	318.1 (8081)	307 (7798)	2@114 (2896)	164 (74)
-8	338.1 (8589)	327 (8306)	2@120 (3048)	172 (77.5)

25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40841
24	LOGO LABEL		2	ADHESIVE LABEL	40255
23	SERIAL NO. LABEL		1	ARTPAPER 20"53	40425
22	RETAINING BLOCK	23300-36-01	4	316	20183-1
21	SCREW	G8819-85	8	M5*14 STAINLESS STEEL	20353
20	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2@3	SOFT PVC	10188
19	STRAP SCREW	(23300-17)EC30-08-17	4@6	M8*90 STAINLESS STEEL GRADE 8.8	20129
18	STRAP NUT	(23300-18)EC30-08-18	4@6	H651-4	20123
17	STRAP	(23300-17)EC30-08-17	2@3	A586, 304	20123
16	SADDLE	(23300-16)EC30-08-16	2@3	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 (Ø23.1)	(23300-13)EC30-08-13	2	ABS CHIMEL 757K	10126
12	RETAINING RING	(23300-12)EC30-08-12	2	SA-479.316	20025
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(150PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PF062-3	SEE THE CHART
9	BEARING PLATE	(23150-09)EC15-08-09	2	SB-211.6061-T6	20058
8	PERMEATE PORT RING	(23300-08)EC30-08-08	2	EPDM	10181
7	THRUST CONE	(23300-07)EC30-08-07	1	PF062-3	10192
6	SIDE PORT RETAINING RING	SEE "SIDE PORT CONFIGURATIONS"	4	A580, 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-312, TP316L	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 VESSELS;
 2. MAX OPERATING PRESSURE: 150Psi (1.0342MPa), 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.: 165Psi (1.1376MPa), SAMPLE RATE: 100%;
- NOTE: DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.

11	ADD THE NOTES:			2013/02/06
10	RETAINING BLOCK AND SCREW CHANGED; HEAD SEAL CHANGED;			2012/09/04
9	① INCREASE TOLERANCE:			2011/07/04
8	HEAD SEAL CHANGED;			2011/02/11
7	THICKNESS OF SHELL END PORT CHANGED;			2010/04/13
REVISION	DESCRIPTION	SIGNATURE	DATE	
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		THE DIMENSIONS ARE FOR REFERENCE ONLY		
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.		
DESIGN	NAME	DATE	SCALE	MATERIAL
INSPECTION			1:6	
APPROVAL			QUANTITY	SMOOTHNESS
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	COMPUTER CODE	DRAWING NO. (23150-00)EC15-08-00
		DO NOT MEASURE THE DIMENSIONS.	UNIT: MM	VERSION NO. 11
		TOTAL PAGE: 1		