



PERMEATE PORT
 OPTION F----NPT 1" FEMALE THREAD;
 OPTION G----Rp 1" FEMALE THREAD;
 OPTION H---- UNION ADAPTOR;
 FIT 32mm(O.D) PIPE
 OPTION J----UNION ADAPTOR;
 FIT 1.32"(O.D) PIPE
 OPTION V----Mechanical Coupling 1"-ABS;
 OPTION S----Mechanical Coupling 1"-SS;

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

- 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.

CURVED SIDEPORT SEAL	23100-07-02		2.5"	10497
	23100-07-01		2"	10495
	23100-07-03		1.5"	10493
SIDE PORT PACKING WASHER	27300-04-03		2.5"	11591
	27300-04-02		2"	11590
	27300-04-01		1.5"	11571
SIDE PORT GASKET	27300-06-03		2.5"	20998
	27300-06-02		2"	20997
	27300-06-01		1.5"	20978
SIDE PORT NUT	27300-05-03		2.5"	20996
	27300-05-02		2"	20995
	27300-05-01		1.5"	20977
SIDE PORT	23100-02-02-06	T	2.5"	21081
	23100-02-01-06	S	2"	21080
	23100-02-03-06	R	1.5"	21079
SHELL	23100-01-02		2.5"	
	23100-01-01		2"	
	23100-01-03		1.5"	
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

BEARING PLATE	23100-09-01	ALUMINUM PLATE	20317	ASME CODE PRODUCT
1000 PSI	23100-09	ALUMINUM STICK	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
	23300-10-05	H	UNION ADAPTOR(National Standard)	10073
	DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	Shell Weight lb (kg)
-1	62.3 (1582)	47 (1194)	1@19 (480)	132.3 (60)
-1.5	82.3 (2090)	67 (1702)	1@39 (1000)	148.8 (67.5)
-2	102.3 (2598)	87 (2210)	1@56 (1422)	165.4 (75)
-3	142.3 (3614)	127 (3226)	1@80 (2032)	198.5 (90)
-4	182.3 (4630)	167 (4242)	2@64 (1626)	231.5 (105)
-4.5	202.3 (5138)	187 (4750)	2@71 (1803)	248.1 (112.5)
-5	222.3 (5646)	207 (5258)	2@78 (1981)	264.6 (120)
-6	262.3 (6662)	247 (6274)	2@92 (2337)	297.7 (135)
-7	302.3 (7678)	287 (7290)	2@106 (2692)	330.8 (150)
-7.5	322.3 (8186)	307 (7798)	2@114 (2896)	347.3 (157.5)
-8	342.3 (8694)	327 (8306)	2@120 (3048)	363.8 (165)

26	SIDE PORT GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	304	SEE THE CHART
25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40845
24	LOGO LABEL		1	ADHESIVE LABEL	40255
23	SERIAL NO LABEL		1	ART PAPER 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)IEC30-08-19	2or3	SOFT PVC	10188
19	STRAP SCREW		4or6	M8*120 STAINLESS STEEL	21059
18	STRAP NUT	(23300-18)IEC30-08-18	4or6	Hrb59-1	20123
17	STRAP	(23300-17)IEC30-08-17	2or3	304	20123
16	SADDLE	(23300-16)IEC30-08-16	2or3	LDPE	10141-1
15	EMBEDDED RING	(23100-10)	2	316L	20190
14	ADAPTOR O RING	(23300-14)IEC30-08-14	4	EPDM	10182
13	ADAPTOR	(23300-13)IEC30-08-13	2	ABS	10125
12	RETAINING RING	(23100-12)IEC10-08-12	2	316	20024
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(1000PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PP	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)IEC30-08-08	2	EPDM	10181
7	THRUST CONE	(23300-07)IEC30-08-07	1	PP	10192
6	SIDE PORT NUT	SEE "SIDE PORT CONFIGURATIONS"	2	304	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)IEC30-08-03	2	316	SEE THE CHART
2	SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	SS2750	SEE THE CHART
1	SHELL	SEE "SIDE PORT CONFIGURATIONS"	1	FIBER GLASS + EPOXY	SEE THE CHART
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

- TECHNICAL REQUIREMENT
- 1.DESIGN PRESSURE 1000PSI(7.0Mpa) ;
 - 2.DESIGN TEMPERATURE 150°F(65℃) ;
 3. MIN ALLOWABLE TEMPERATURE 20°F(-7℃) ;
 - 4.WORKING MEDIUM,WATER pH RANGE 3~10;
 - 5.PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL;
 - 6.SPARE PARTS FORM JUST FOR REFERENCE, SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL.

REVISION	DESCRIPTION	SIGNATURE	DATE
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		THE DIMENSIONS ARE FOR REFERENCE ONLY	
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
DESIGN	SCALE	MATERIAL	MODEL WAVE-1000P-8
INSPECTION	1:6		DESCRIPTION
APPROVAL	QUANTITY	SMOOTHNESS	1000P-8 MEMBRANE HOUSING
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	DRAWING NO. (23100-00)EC10-08-00
		COMPUTER CODE	VERSION NO. 19
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1