



PERMEATE PORT
OPTION M---NPT 1 1/4" MALE THREAD

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;

- 1.Flexible piping should be used on permeate connection to manifold.
- 2.MPV is not designed for negative pressures.

PERMEATE PORT 300 PSI	24300-03-09	N	NPT 1 1/2" MALE THREAD	11155
	24300-03-06	M	NPT 1 1/4" MALE THREAD	10108
	24300-03-03	S	MECHANICAL COUPLING 1"-SS	10093
	24300-03-03	V	MECHANICAL COUPLING 1"-ABS	10093
	24300-03-03	J	UNION ADAPTOR(American Standard)	10093
	24300-03-03	F	NPT 1" FEMALE THREAD	10093
	24300-03-03	G	Rp 1" FEMALE THREAD	10093
24300-03-03	H	UNION ADAPTOR(National Standard)	10093	
DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

TECHNICAL REQUIREMENT

- 1.DESIGN PRESSURE 250PSI(1.7Mpa) ;
- 2.DESIGN TEMPERATURE 150°F(65°C) ;
3. MIN ALLOWABLE TEMPERATURE 20°F(-7°C) ;
- 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.

Shell Length Code	L Inch (mm)	S Span Inch (mm)	Weight lb (kg)
-1	62.0 (1575)	1@28 (711)	55 (25)
-1.5	82.0 (2083)	1@42 (1067)	63 (28)
-2	102.0 (2591)	1@56 (1422)	70 (32)
-3	142.0 (3607)	1@80 (2032)	90 (41)
-4	182.0 (4623)	2@64 (1626)	110 (50)
-5	222.0 (5639)	2@78 (1981)	125 (57)
-6	262.0 (6655)	2@92 (2337)	145 (66)
-7	302.0 (7671)	2@106 (2692)	135 (75)
-7.5	322.0 (8179)	2@114 (2896)	175 (80)
-8	342.0 (8687)	2@120 (3048)	185 (84)

ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE
23	ALUMINUM PLATE LABEL	24250-08	2	ADHESIVE LABEL	40244
22	LOGO LABEL	(23300-21)EC30-08-21	2	ADHESIVE LABEL	40255
21	SERIAL NO. LABEL	24250-07	1	ARTPAPER 20*53	40425
20	ALLEN SCREW		4	M5*10 STAINLESS STEEL	20132
19	RETAINING RING	(24300-06)ED25-08-06	2	316L	20108
18	BEARING PLATE	(24300-05)ED30-08-05	2	ALUMINUM ALLOY	20066
17	HEAD SEAL	23300-26	2	EPDM	10175
16	FEED PORT O RING	(24300-04)ED25-08-04	4	EPDM	10180
15	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
14	STRAP NUT	(23300-18)EC30-08-18	4or6	Hpb59-1	20123
13	STRAP	(23300-17)EC30-08-17	2or3	304	20123
12	SADDLE	(23300-16)EC30-08-16	2or3	LDPE	10141-1
11	STRAP SCREW		4or6	M8*90 STAINLESS STEEL	20129
10	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	316	20107
9	EMBEDDED RING	(23300-15)EC30-08-15	2	316L	20072
8	RETAINING RING	(23300-12)EC30-08-12	2	316	20025
7	PERMEATE PORT	SEE "PERMEATE PORT CONFIGURATIONS"	2	PP	SEE THE CHART
6	PERMEATE PORT O RING	(23300-08)EC30-08-08	2	EPDM	10181
5	THRUST CONE	(24300-07)ED25-08-07	1	PP	10193
4	ADAPTOR(Ø29.1)	(23300-13)EC30-08-13	2	ABS	10125
3	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
2	FEED/CONCENTRATE PORT	(24300-02)ED25-08-02	2	316	20101
1	SHELL	24250-01	1	FIBER GLASS + EPOXY	

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