



LENNTECH
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SIDE PORT	23450-02-02	T	2.5"	20088
	23450-02-01	S	2"	20087
	23450-02-03	R	1.5"	20089
SIDEPORT O RING	Ø70(I.D.)*Ø2		2.5"	10425
	Ø55(I.D.)*Ø2		2"	10424
	Ø42(I.D.)*Ø2		1.5"	10423
SHELL	(23450-01-02)EC45-08-01/2		2.5"	
	(23450-01-01)EC45-08-01/1		2"	
	(23450-01-03)EC45-08-01/3		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
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

SANITARY CONNECTION	23151-08-01	SA-213, TP316L	20604	94	1.5"
DESCRIPTION	23151-08	SA-213, TP316L	20596	43	1"
	DRAWING NO.	MATERIAL	COMPUTER CODE	A	REMARK

28	O RING	23300-14	2	EPDM	10182
27	RETAINING RING		2	SA-312, TP316L	20126
26	SANITARY CONNECTION	SEE "SANITARY CONNECTION CONFIGURATIONS"	2	SA-213, TP316L	SEE THE CHART
25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40843
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	GB819-85	8	M5*14 STAINLESS STEEL	20833
20	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
19	STRAP SCREW		4or6	M8*90 STAINLESS STEEL, GRADE 8.8	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 (S60D)	10141
15	EMBEDDED RING	23450-15	2	SA-312, TP316L	20073
14	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
13	ADAPTOR(Ø29.1)	(23300-13)EC30-08-13	2	ABS CHIMEI 757K	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(150PSI)	23151-04	2	PF062-3	10315
9	BEARING PLATE	23450-09-02	2	SB-211,6061-T6	20845
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	SA-479, 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	23151-07	2	A580, 316	20023
2	SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	SA-213, TP316L	SEE THE CHART
1	SHELL	SEE "SIDE PORT CONFIGURATIONS"	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	WEIGHT lb (kg)
-1	58.7 (1491)	47 (1194)	1@28 (711)	57.2 (26)
-1.5	78.7 (1999)	67 (1702)	1@42 (1067)	67.1 (30.5)
-2	98.7 (2507)	87 (2210)	1@56 (1422)	74.8 (34)
-3	138.7 (3523)	127 (3226)	1@80 (2032)	92.4 (42)
-4	178.7 (4539)	167 (4242)	2@64 (1626)	110 (50)
-5	218.7 (5555)	207 (5258)	2@78 (1981)	127.6 (58)
-6	258.7 (6571)	247 (6274)	2@92 (2337)	145.2 (66)
-7	298.7 (7587)	287 (7290)	2@106 (2692)	162.8 (74)
-7.5	318.7 (8095)	307 (7798)	2@114 (2896)	172.7 (78.5)
-8	338.7 (8603)	327 (8306)	2@120 (3048)	180.4 (82)

TECHNICAL REQUIREMENT

- MANUFACTURED IN CONFORMITY TO « ASME BOILER&PRESSURE VESSEL CODE » SECTION X: « FIBER REINFORCED PLASTIC PRESSURE VESSELS » -CLASS I VESSELS;
- MAX OPERATING PRESSURE: 450Psi (3.1MPa) , ALLOWABLE TEMPERATURE RANGE: 20°F(-7°C) ~ 120°F(49°C), NOT APPLICABLE TO CORROSIVE LIQUID ;
- LEAKAGE TEST: HYDRO TEST, TESTED AT 1.1 TIMES ITS OPERATING PRESSURE, I.E.: 495Psi (3.41MPa) , SAMPLE RATE: 100% ;

NOTE: DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.

2	10182 REPLACED 10331;		13/07/03
REVISION	DESCRIPTION	SIGNATURE	DATA
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		THE DIMENSIONS ARE FOR REFERENCE ONLY	
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
DESIGN	NAME	DATE	
INSPECTION			
APPROVAL			
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		SCALE	MATERIAL
		1:6	SMOOTHNESS
		QUANTITY	MODEL
			WAVE-450P-8
		COMPUTER CODE	DESCRIPTION
			450P-8 MEMBRANE HOUSING (SANITARY CONNECTION)
		DRAWING NO.	VERSION NO.
		23450-00-02	2
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1