



MaxiPure®

FRP RO Membrane Housings



4" & 8" FRP RO MEMBRANE HOUSING

4" End and Side Entry Series / 8" Side Entry Series

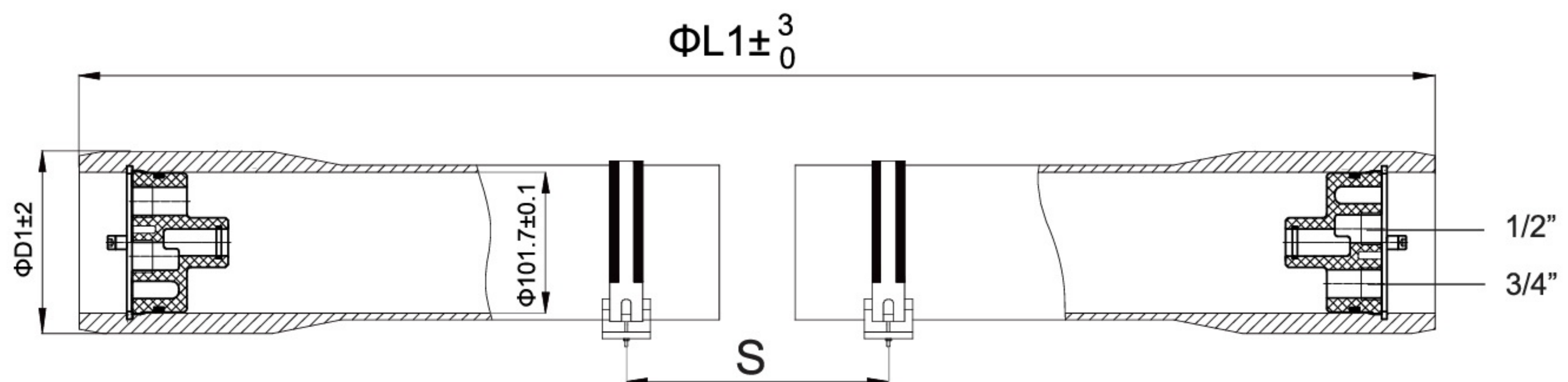
	4"	8"
Connection Type	4040 End / Side Entry	8040 Side Entry
Pressure Rating	300 / 450 / 1000 psi	300 / 450 / 600 / 1000 psi
Number of Elements	1 - 6 Elements	1 - 8 Elements
Coating Color	White as standard, but can be customized	
Housing	Can be custom-made for special configuration	

- 4" housing with 600psi is available under customers requirement

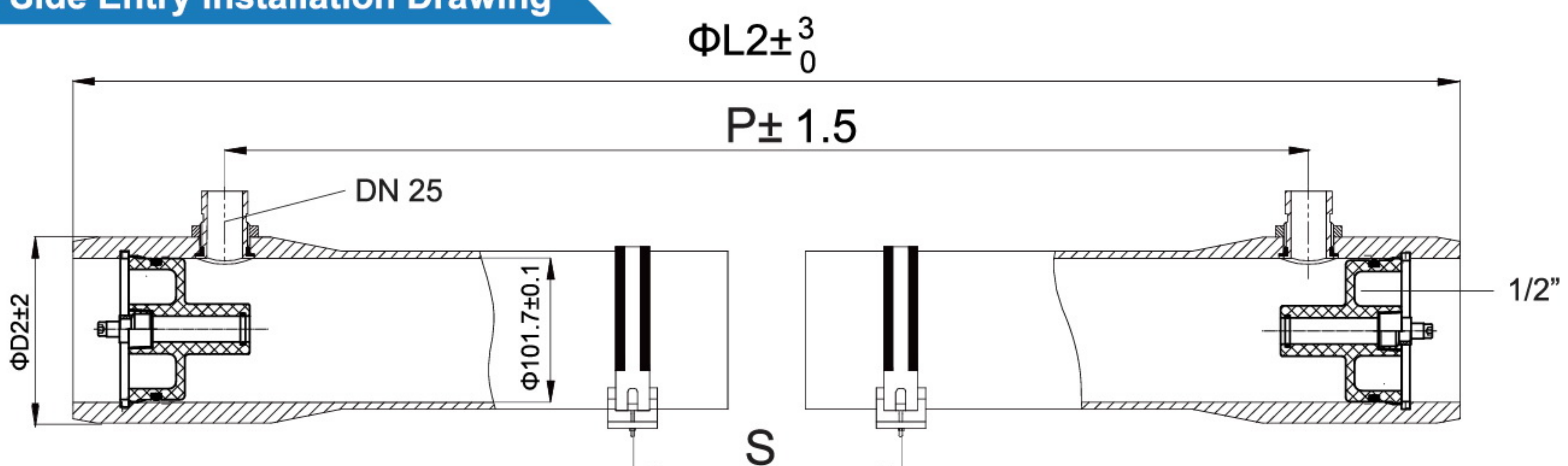
Key Features

- Membrane housing is manufactured according to the standard JC/T552-2011
- Operating temperature: $-7^{\circ}\text{C} \sim 49^{\circ}\text{C}$
- Membrane housing designed burst pressure is 4 times of working pressure and it is applied with a standard method for testing leakage.

4" End Entry Installation Drawing



4" Side Entry Installation Drawing

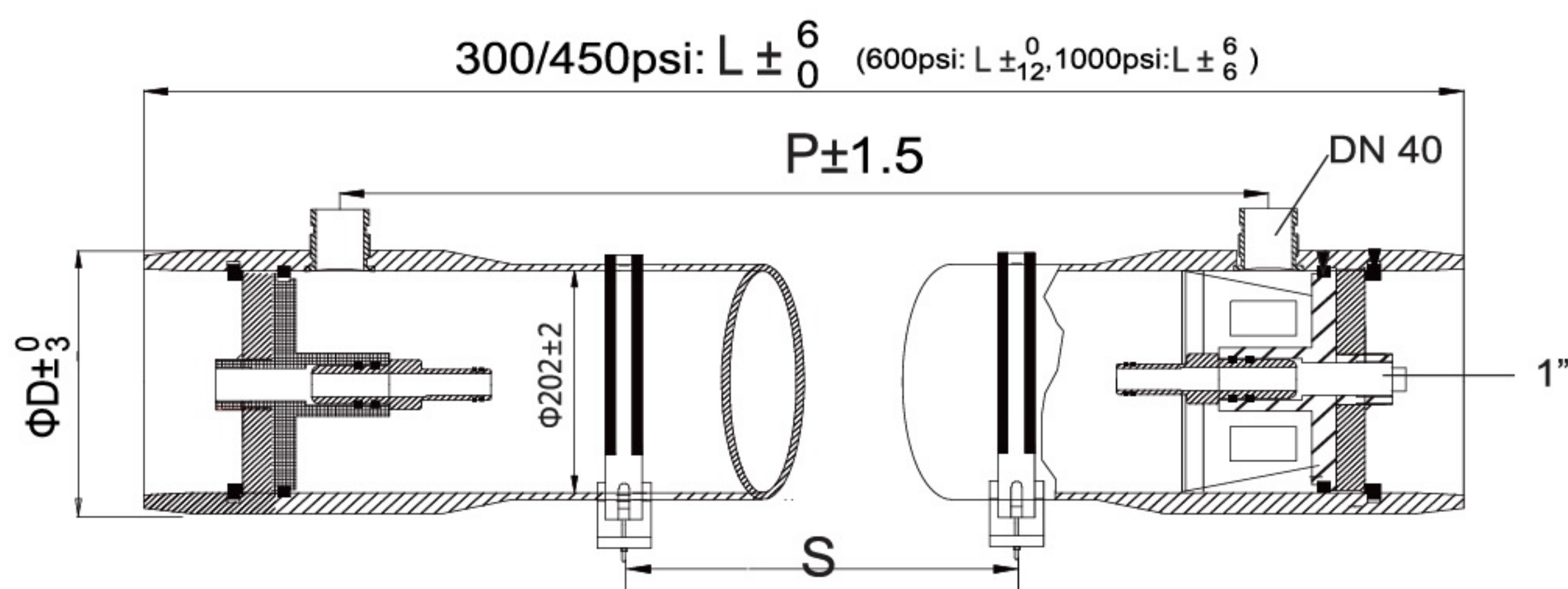


4" Specification

Operating Pressure	# of Element	L1(mm)	L2(mm)	P(mm)-Side	D1(mm)-End	D2(mm)-Side	S(mm)
300psi	1	1163	1183	1016	124	132	600
	2	2179	2199	2032	124	132	1200
	3	3195	3215	3048	124	132	2200
	4	4311	4311	4115	124	132	1600x2
	5	5327	5327	5131	124	132	2300x2
	6	6343	6343	6147	124	132	2700x2
450psi	1	1173	1193	1016	124	132	600
	2	2189	2209	2032	124	132	1200
	3	3205	3225	3048	124	132	2200
	4	4321	4321	4115	124	132	1600x2
	5	5337	5337	5131	124	132	2300x2
	6	6353	6353	6147	124	132	2700x2
1000psi	1	1274	1274	1016	142	142	600
	2	2290	2290	2032	142	142	1200
	3	3306	3306	3048	142	142	2200
	4	4402	4402	4084	142	142	1600x2
	5	5418	5418	5100	142	142	2300x2
	6	6434	6434	6116	142	142	2700x2

Remark: L1 used for End entry, L2 & P used for Side entry.

8" Side Entry Installation Drawing



8" Lock Head Assembly Drawing



1	Srew	5	O-Ring
2	Retaining Ring	6	Adaptor
3	Bearing Plate	7	Adaptor Seal
4	Seal	8	Thrust Ring

8 " Specification

Operating Pressure	# of Element	L (mm)	P (mm)	D (mm)	S (mm)
300psi	1	1442	1130	243	500
	2	2438	2146	243	1455
	3	3454	3162	243	2064
	4	4470	4178	243	1600x2
	5	5486	5194	243	2000x2
	6	6502	6210	243	2358x2
	7	7518	7226	243	2865x2
	8	8534	8242	243	3373x2
450psi	1	1442	1130	248	500
	2	2438	2146	248	1455
	3	3454	3162	248	2064
	4	4470	4178	248	1600x2
	5	5486	5194	248	2000x2
	6	6502	6210	248	2358x2
	7	7518	7226	248	2865x2
	8	8534	8242	248	3373x2
600psi	1	1534	1143	248	340
	2	2550	2159	248	1356
	3	3566	3175	248	2064
	4	4582	4191	248	1600x2
	5	5598	5207	248	2000x2
	6	6614	6223	248	2358x2
	7	7630	7239	248	2865x2
	8	8646	8225	248	3373x2
1000psi	1	1534	1143	258	340
	2	2550	2159	258	1356
	3	3566	3175	258	2064
	4	4582	4191	258	1600x2
	5	5598	5207	258	2000x2
	6	6614	6223	258	2358x2
	7	7630	7239	258	2865x2
	8	8646	8225	258	3373x2

Scientific and Unique Design

The product is manufactured automatically by microcomputer, which optimized the technical standard. With our experienced technical support team and our special formula, we are dedicated to making the product closer to perfection.

Product Quality

The product is constructed with excellent epoxy by special condensation method, which improves compact treatment and spinning. We are devoted to proceed quality management and operation process.

Please contact for more information

PN:076-00058-00 V. 14.12