

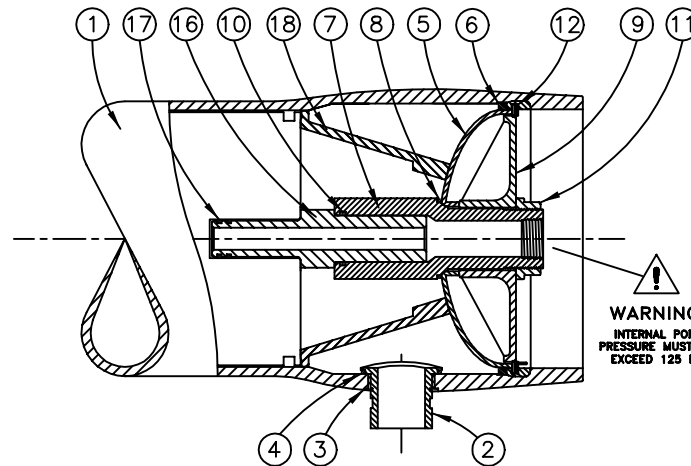
VIEW AT CENTER SUPPORT  
 CENTER VESSEL ON 2 OR 3 SUPPORTS  
 AT SPAN(S) "S" : 3 SUPPORTS REQUIRED  
 FOR LENGTHS -4 AND OVER

CAUTION-INCORRECT MANIPULATING  
 WILL CAUSE SEVERE LOCAL STRESS  
 AROUND PORT AND MAY RESULT IN  
 LEAKS AND PREMATURE FAILURE;  
 TAKE EVERY PRECAUTION LISTED  
 ON REVERSE, SEE INSTALLATION  
 INSTRUCTIONS FOR FURTHER DETAILS

Dwg. Ref.	Qty. Per	Item Number	Description	Materials/Remarks
<b>SHELL</b>				
①	1	-	Shell	Filament wound epoxy/glass composite. S.S. head locking grooves integrally wound in place. Shell exterior coated with white high gloss polyurethane paint.
②	A/R	SEE	F/C PORT	316 SST
③	A/R	ORDER	Retaining Ring	302 Series SST
④	A/R	SECTION	F/C Port Seal	Ethylene Propylene - Square Cut
<b>HEAD</b>				
⑤	2	45160	Dished Metal Head	316 S.S.T.
⑥	2	45354	Head Seal	Ethylene Propylene - Square Cut (445)
⑦	2	50959	Permeate Port	Engineering Thermoplastic
⑧	2	45342	Permeate Port Seal	Ethylene Propylene - Square Cut (228)
⑨	2	45153	Securing Plate	Engineering Thermoplastic
⑩	2	45308	Adapter Seal	Ethylene Propylene - O-ring (221)
⑪	2	45066	Port Nut	Engineering Thermoplastic
<b>HEAD INTERLOCK</b>				
⑫	2	45261	Retaining Ring	302 Series SST
<b>VESSEL SUPPORT</b>				
⑬	* 3	52169	Universal Saddle	Engineering Thermoplastic
⑭	* 3	45042	Strap Assembly	Type 304 SST - PVC cushion
⑮	6	46265	Strap Screw	5/16-18 UNC, 18-8 Stainless Steel
<b>ELEMENT INTERFACE</b>				
⑯	2	As Required	Adapter	Engineering Thermoplastic
⑰	A/R	As Required	PWT Seal	Ethylene Propylene
⑱	1	47337	Thrust Cone	Engineering Thermoplastic - white

\* 2 EACH FURNISHED WITH LENGTH CODE 1, 2 & 3

NOTES  
 • DIMENSION IN INCHES (MM APPROX.)  
 • FOR REFERENCE ONLY, NOT TO BE USED  
 FOR CONSTRUCTION UNLESS CERTIFIED



SECTION THROUGH END CLOSURE

ITEM ⑱ DOWNSTREAM ONLY

Shell Length Code	L L.O.A. IN (MM)	P Span IN (MM)	S Span IN (MM)	APPROX. ASSEMBLY Weight LB (KG)
1	58.2 (1478)	47 (1194)	28 X 1 (711)	49 (22)
2	98.2 (2494)	87 (2210)	56 X 1 (1422)	67 (30)
3	138.2 (3510)	127 (3226)	80 X 1 (2032)	85 (39)
4	178.2 (4526)	167 (4242)	84 X 2 (1828)	103 (47)
5	218.2 (5542)	207 (5258)	78 X 2 (1981)	121 (55)
6	258.2 (6558)	247 (6274)	92 X 2 (2337)	139 (63)
7	298.2 (7574)	287 (7290)	106 X 2 (2692)	157 (71)

**CodeLine™**  
 PRESSURE VESSELS  
 PENTAIR WATER TREATMENT

**CODELINE MODEL 80A30**  
 MEMBRANE HOUSING

ECN	SHEET	SIZE	NUMBER	REV
8807	1 OF 2	B	519001	N