



NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY
CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

GENERAL DIMENSIONS

Shell Length Code	L inch (mm)	P1 Standard inch (mm)	P2 Optional inch (mm)	P3 Optional inch (mm)	S Span in (mm)	Empty Weight lb (kg)
-1	58.4 [1483.36]	47 [1193.80]	45 [1143.00]	46 [1168.40]	1 @ 28 [711.20]	49 [22]
-2	98.4 [2499.36]	87 [2209.80]	85 [2159.00]	86 [2184.40]	1 @ 56 [1422.40]	59 [27]
-3	138.4 [3515.36]	127 [3225.80]	125 [3175.00]	126 [3200.40]	1 @ 80 [2032.00]	69 [31]
-4	178.4 [4531.36]	167 [4241.80]	165 [4191.00]	166 [4216.40]	2 @ 64 [1625.60]	79 [36]
-5	218.4 [5547.36]	207 [5257.80]	205 [5207.00]	206 [5232.40]	2 @ 78 [1981.20]	89 [40]
-6	258.4 [6563.36]	247 [6273.80]	245 [6223.00]	246 [6248.40]	2 @ 92 [2336.80]	99 [45]
-7	298.4 [7579.36]	287 [7289.80]	285 [7239.00]	286 [7264.40]	2 @ 106 [2692.40]	109 [49]
-8	338.4 [8595.36]	327 [8305.80]	325 [8255.00]	326 [8280.40]	2 @ 120 [3048.00]	119 [54]

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080019	Shell	Filament Wound, Epoxy FRP
2	2	4081057	Head, 1.25" NPT MALE	Noryl GFN2
3	2	4081057CP	Cover Plate	ABS Thermoplastic
4	2	4080250	Feed/Concentrate Port, 1-1/2", "D"	Stainless Steel, 316, SA-312
		4080253-1	Feed/Concentrate Port, 2", "E"	
		4080516-1	Feed/Concentrate Port, 2-1/2", "F"	
5	4	6121187	Retaining Ring, F/C Port, 1-1/2", "D"	Stainless Steel, 316, SA-479
		6121231	Retaining Ring, F/C Port, 2", "E"	
		6121275	Retaining Ring, F/C Port, 2-1/2", "F"	
6	2	6184604-N	O-Ring Seal, F/C Port, 1-1/2", "D"	Ethylene Propylene
		6185704-N	O-Ring Seal, F/C Port, 2", "E"	
		6180233-N	O-Ring Seal, F/C Port, 2-1/2", "F"	
7	2	6100442MK	Head Seal	Ethylene Propylene
8	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
9	2*	4080173	Support Saddle	Thermoplastic Rubber
10	2*	4080137	Strap Assembly	Stainless Steel, 316L
11	4	6150001	Strap Screw	Stainless Steel, 18-8
12	2	A/R	Adapter	Thermoplastic
13	1	4081079	Thrust Cone	Noryl GFN2
14	2	6180326	Adapter Seal	Ethylene Propylene
15	4	A/R	PWT Seal	Ethylene Propylene
16	3	4080062-4	Shim, Adapter	Noryl GFN2

*3 each with shell lengths -4 and longer.

NOTES:

- DIMENSIONS IN INCHES (MM APPROX.)
- FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED
- SHIMMING OF THE SADDLES MAY BE REQUIRED
- CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S".
- INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THE ENGINEERING PACKET OR USERS MANUAL
- INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.
- SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



TEC 8-300-SP

ENGR TS 21/28/01	ECO	REVISED 21/10/05	DRAWING 101061	REV C
QLTY MK 21/28/01	N/A			
MRKT MK 21/28/01				