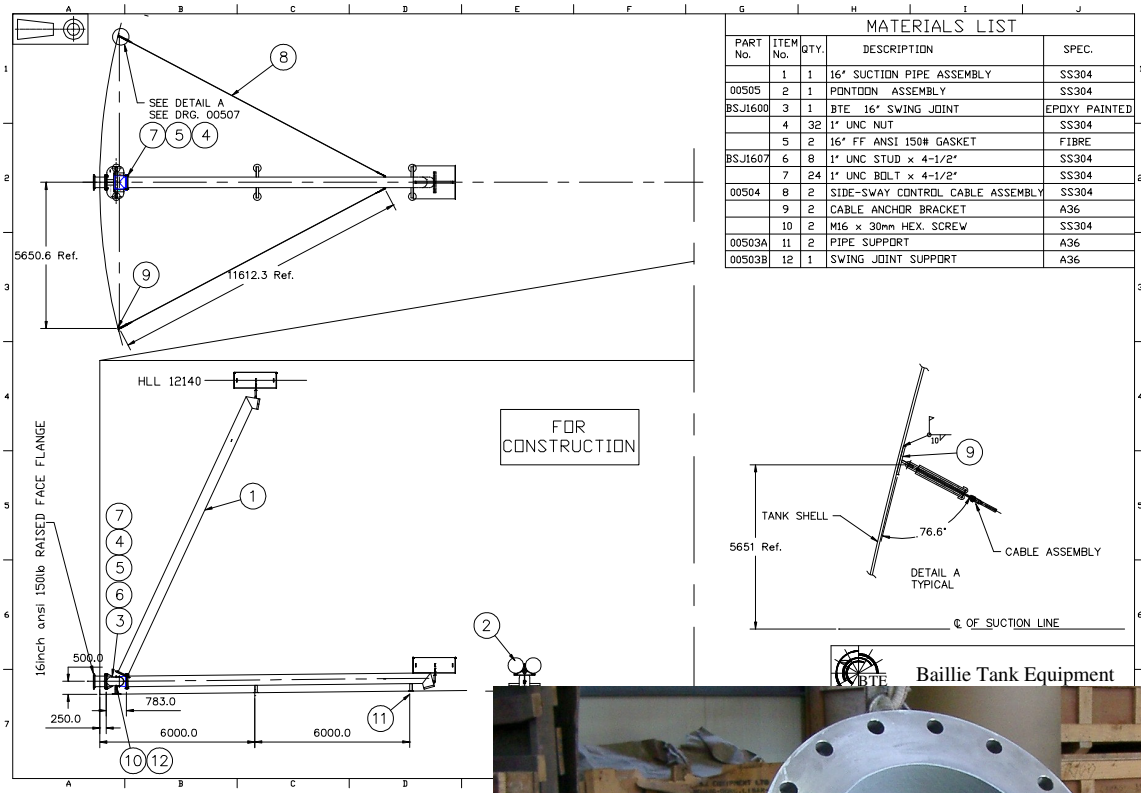
SwingMaster
Swing Joints for Floating Suction Lines

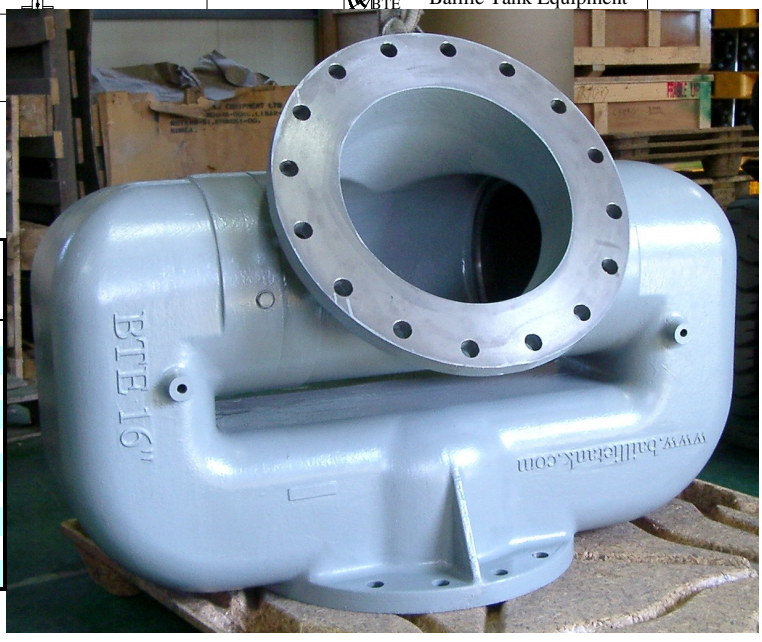
BTE SwingMaster central type swing joints are the ideal choice for floating suction lines. Constructed in rugged cast iron/ductile iron with plain Ni-Resist bearings (copper free). BTE SwingMaster swing joints are internally & externally epoxy painted for Jet A1 service. 100% cast stainless steel joints are available to special order. SwingMaster joints are available in 6" through to 30" size. Other sizes available on application. All flanges are ANSI 150# Flat Face.



PART No.	ITEM No.	QTY.	DESCRIPTION	SPEC.
	1	1	16" SUCTION PIPE ASSEMBLY	SS304
00505	2	1	PONTOON ASSEMBLY	SS304
BSJ1600	3	1	BTE 16" SWING JOINT	EPOXY PAINTED
	4	32	1" UNC NUT	SS304
	5	2	16" FF ANSI 150# GASKET	FIBRE
BSJ1607	6	8	1" UNC STUD x 4-1/2"	SS304
	7	24	1" UNC BOLT x 4-1/2"	SS304
00504	8	2	SIDE-SWAY CONTROL CABLE ASSEMBLY	SS304
	9	2	CABLE ANCHOR BRACKET	A36
	10	2	M16 x 30mm HEX. SCREW	SS304
00503A	11	2	PIPE SUPPORT	A36
00503B	12	1	SWING JOINT SUPPORT	A36

16" SwingMaster ▶

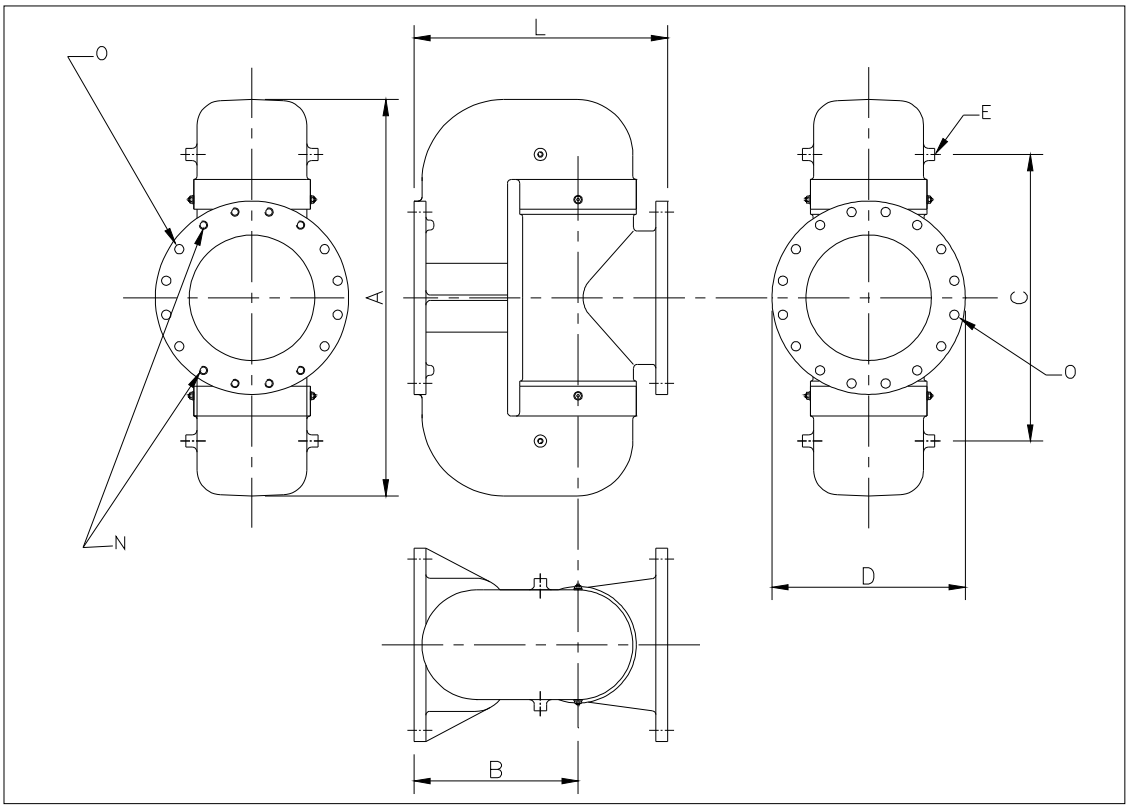
Size inch	METRIC: minimum opening in tank for SwingMaster entry	INCH: minimum opening in tank for SwingMaster entry
6	290 x 380 or Ø480	11.5"x 15" or 19"Ø
8	360 x 470 or Ø590	14" x 18.5" or 23.5"Ø
10	420 x 560 or Ø700	16.5" x 22" or 27.5"Ø
12	500 x 680 or Ø850	20" x 27" or 33.5"Ø
14	550 x 740 or Ø930	22" x 29" or 37"Ø
16	620 x 820 or Ø1030	24.5" x 32.5" or 40.5"Ø
18	650 x 910 or Ø1120	26" x 36" or 44"Ø
20	710 x 950 or Ø1190	28" x 37.5" or 47"Ø
24	830 x 1130 or Ø1400	33" x 44.5" or 55"Ø
30	990 x 1290 or Ø1630	39" x 51" or 64"Ø



BTE Tank Products include:

- **Aluminium Internal Floating Roofs**
- **Stainless Steel Internal Floating Roofs**
- **Floating Suction lines & Skimmers**
- **SwingMaster swing joints 6" ~ 30"**
- **Floating Roof Tank Primary & Secondary Seals**
- **Floating Roof Tank Drain Systems**

SwingMaster
Swing Joints
For Floating Suction Lines



METRIC:

Size	DIMENSION mm					flange tapped holes	flange drilled holes	flange bolt circle	lifting lug tapped holes	Rotation Torque	Weight
inch	A	B	C	D	L	N	O mm	P.C.D. mm	E	kg-m	kg
6	536	232	393	279	371	4 x 3/4" UNC	4+ 8 x 22.4dia	241.30	4 x M10	6.0	66
8	658	281	482	343	449	4 x 3/4" UNC	4+ 8 x 22.4dia	298.45	4 x M12	12.0	114
10	824	338	592	406	538	8 x 7/8" UNC	4+12 x 25.4dia	361.95	4 x M16	15.0	190
12	1007	417	707	483	652	8 x 7/8" UNC	4+12 x 25.4dia	431.80	4 x M16	18.5	296
14	1083	452	779	534	709	8 x 1" UNC	4+12 x 28.6dia	476.20	4 x M16	27.9	349
16	1224	506	885	597	783	8 x 1" UNC	8+16 x 28.6dia	539.70	4 x M16	31.9	495
18	1377	570	996	635	881	8 x 1⅛" UNC	8+16 x 31.8dia	577.90	4 x M16	35.9	638
20	1410	614	1041	699	940	12 x 1⅛" UNC	8+20 x 31.8dia	635.00	4 x M20	39.9	838
24	1714	715	1229	813	1090	12 x 1¼" UNC	8+20 x 35.0dia	749.30	4 x M24	47.9	1241
30	2078	832	1460	984	1285	16 x 1¼" UNC	12+28 x 35 dia	914.40	2 x M30	60.0	1944

INCH:

Size	DIMENSION inch					flange tapped holes	flange drilled holes	flange bolt circle	lifting lug tapped holes	Rotation Torque	Weight
inch	A	B	C	D	L	N	O inch	P.C.D.inch	E	ft-lbf	lb
6	21.1	9.134	15.47	10.98	14.61	4 x 3/4" UNC	4+ 8 x 7/8"dia	9.50	4 x M10	43	145
8	25.9	11.06	18.98	13.5	17.68	4 x 3/4" UNC	4+ 8 x 7/8"dia	11.75	4 x M12	87	251
10	32.4	13.31	23.31	16.0	21.18	8 x 7/8" UNC	4+12 x 1"dia	14.25	4 x M16	108	418
12	39.6	16.42	27.83	19.0	25.67	8 x 7/8" UNC	4+12 x 1"dia	17.00	4 x M16	133	651
14	42.6	17.8	30.67	21.0	27.91	8 x 1" UNC	4+12 x 1⅛"dia	18.75	4 x M16	201	768
16	48.2	19.92	34.84	23.5	30.83	8 x 1" UNC	8+16 x 1⅛"dia	21.25	4 x M16	230	1089
18	54.2	22.44	39.21	25.0	34.69	8 x 1⅛" UNC	8+16 x 1¼"dia	22.75	4 x M20	259	1404
20	55.5	24.17	40.98	27.5	37.01	12 x 1⅛" UNC	8+20 x 1¼"dia	25.00	4 x M20	288	1844
24	67.5	28.15	48.39	32.0	42.91	12 x 1¼" UNC	8+20 x 1⅜"dia	29.50	4 x M24	345	2730
30	81.8	32.76	57.48	33.0	50.59	16 x 1¼" UNC	12+28 x 1⅜"dia	36.00	2 x M30	433	4277

Quality Endorsed Company

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