



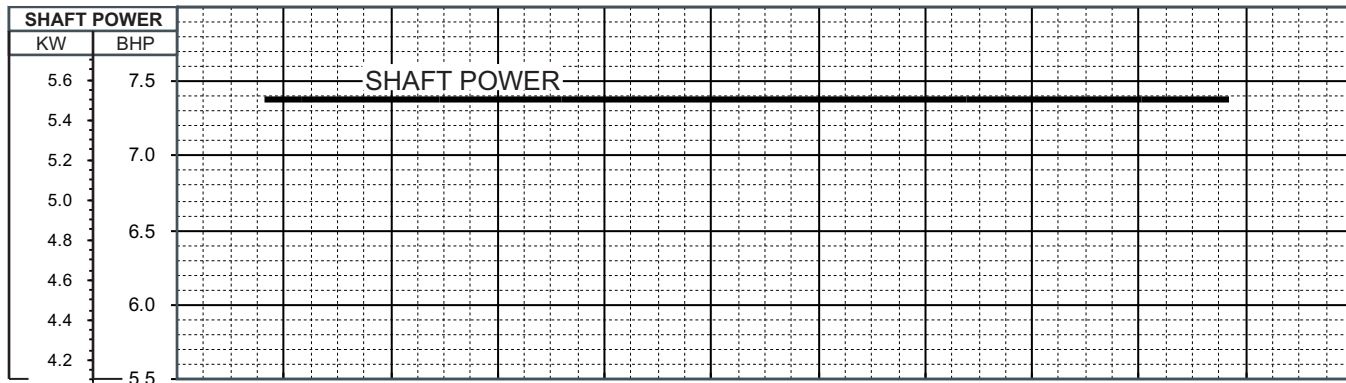
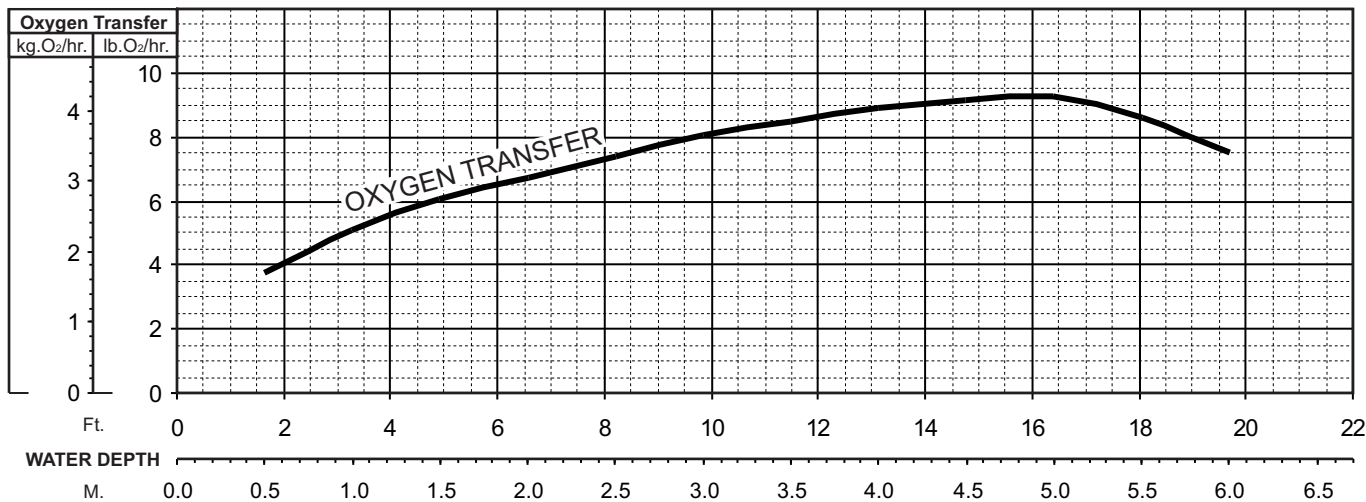
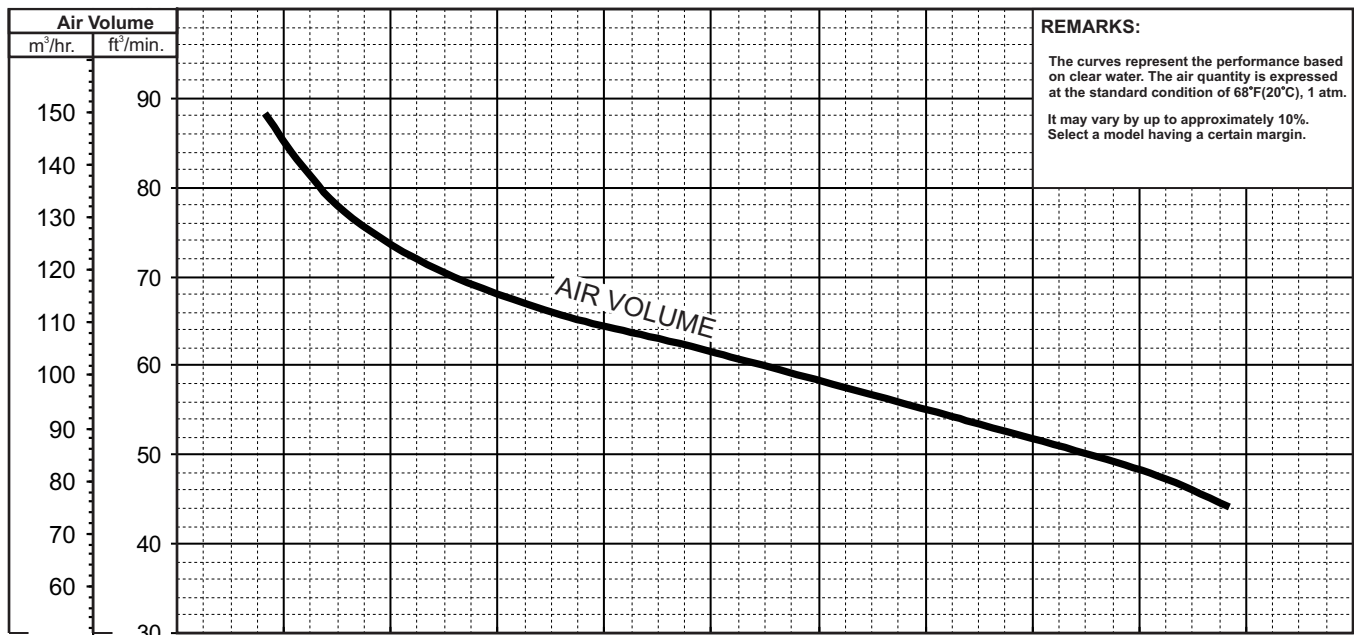
BER - SERIES

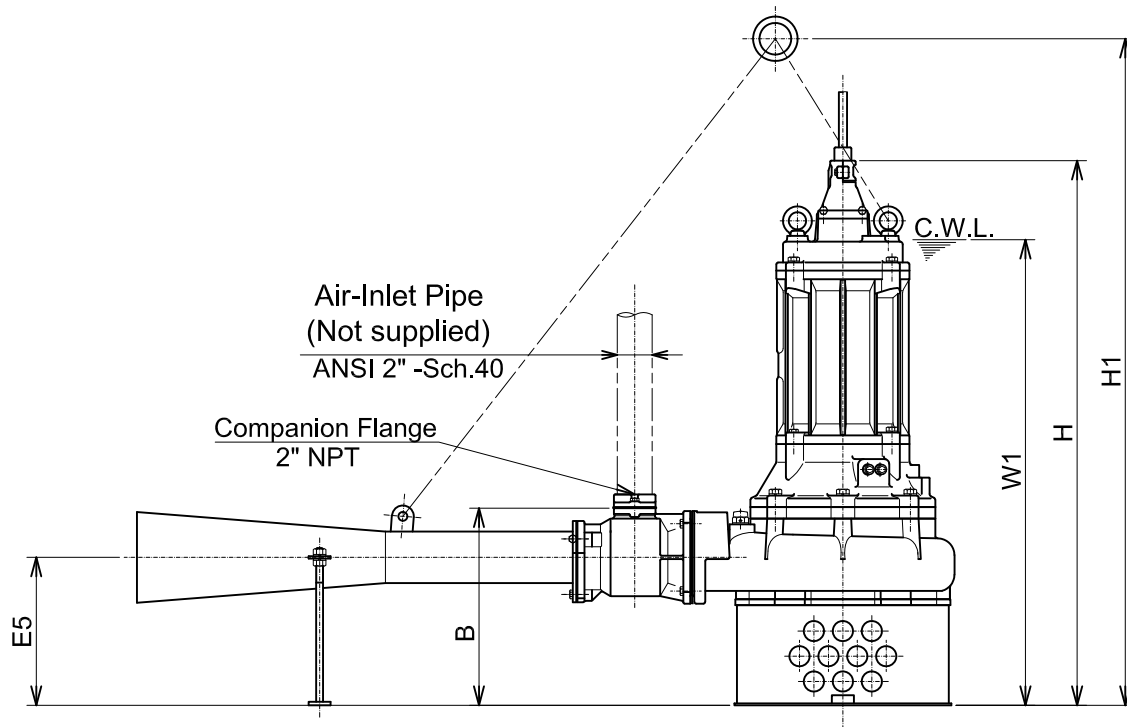
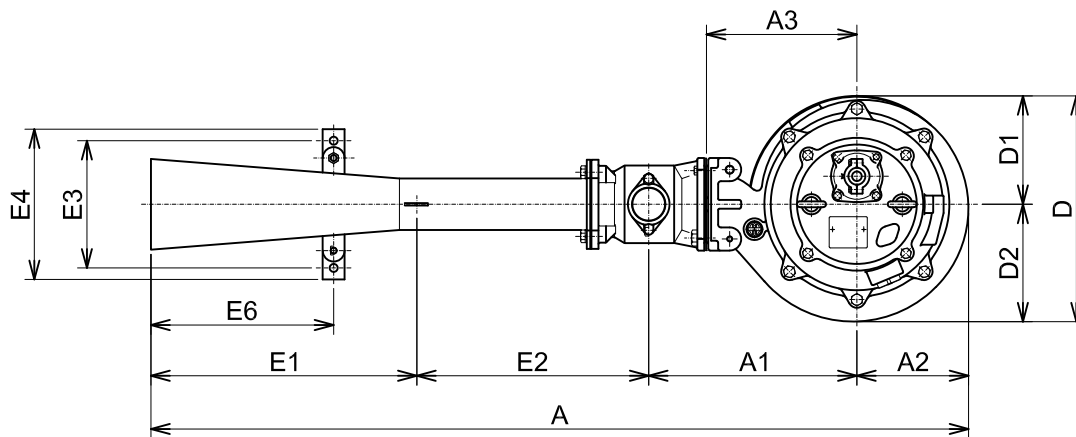
SUBMERSIBLE - EJECTOR / AERATOR

PERFORMANCE

CURVE

MODEL	AIR INLET BORE	HP	KW	RPM	SOLIDS DIA	LIQUID	SG.	VISCOSITY	TEMP.
(TOS-)55-BER7	2" / 50mm	7.5	5.5	1731	1.378"/35mm	Water	1.0	1.123 cSt.	68°F
MIXING AREA	MAX. DEPTH	PHASE	VOLTAGE	AMPERAGE	HZ	STARTING METHOD	INS. CLASS		
527 ft ² / 49.0 m ²	19.7 ft / 6.0 m	Three	208-230 / 460	22.6-20.5 / 10.3	60	Direct On Line	F		
CURVE No.	DATE	PHASE	VOLTAGE	AMPERAGE	HZ	STARTING METHOD	INS. CLASS		
-	-	-	-	-	-	-	-		



**TSURUMI PUMP**
BER - SERIES
SUBMERSIBLE - EJECTOR / AERATOR
DIMENSIONS**55-BER7**

C.W.L. : Continuous running Water Level

DIMENSIONS:USCS (Inch)

DIMENSIONS: INCH (mm)																					
Model	HP	Air-Inlet Dia.	Ejector Pump & Motor																C.W.L.	*Wt.	
			A	A1	A2	A3	B	D	D1	D2	H	H1	E1	E2	E3	E4	E5	E6	W1	(lbs.)	
55-BER7	7.5	2"	55 11/16	14 3/16	7 5/8	10 1/4	13 7/16	15 3/8	7 3/8	8	37 1/16	45 3/8	18 1/8	15 13/16	8 11/16	10 1/4	10 1/16	12 7/16	31 3/4	328	

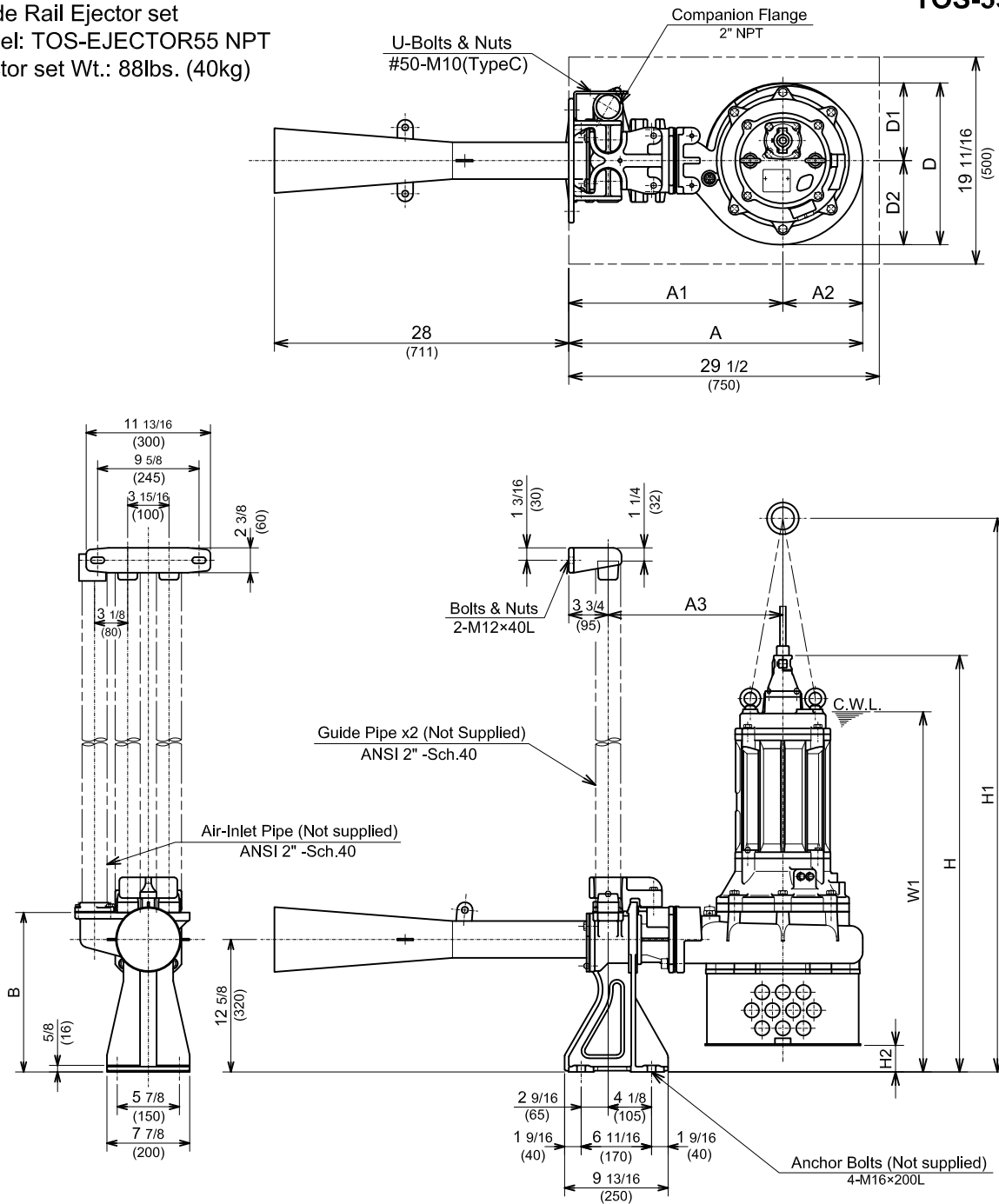
DIMENSIONS:METRIC (mm)

DIMENSIONS: METRIC (mm)																				
Model	kW	Air-Inlet Dia.	Ejector Pump & Motor																C.W.L.	*Wt.
			A	A1	A2	A3	B	D	D1	D2	H	H1	E1	E2	E3	E4	E5	E6	W1	(kg)
55-BER7	5.5	50	1415	360	194	260	341	391	188	203	942	1153	460	401	220	260	256	316	805	149

*Excluding Cable

**TSURUMI PUMP**
BER - SERIES
SUBMERSIBLE - EJECTOR / AERATOR
DIMENSIONS

Guide Rail Ejector set
 Model: TOS-EJECTOR55 NPT
 Ejector set Wt.: 88lbs. (40kg)

TOS-55BER7

C.W.L. : Continuous running Water Level

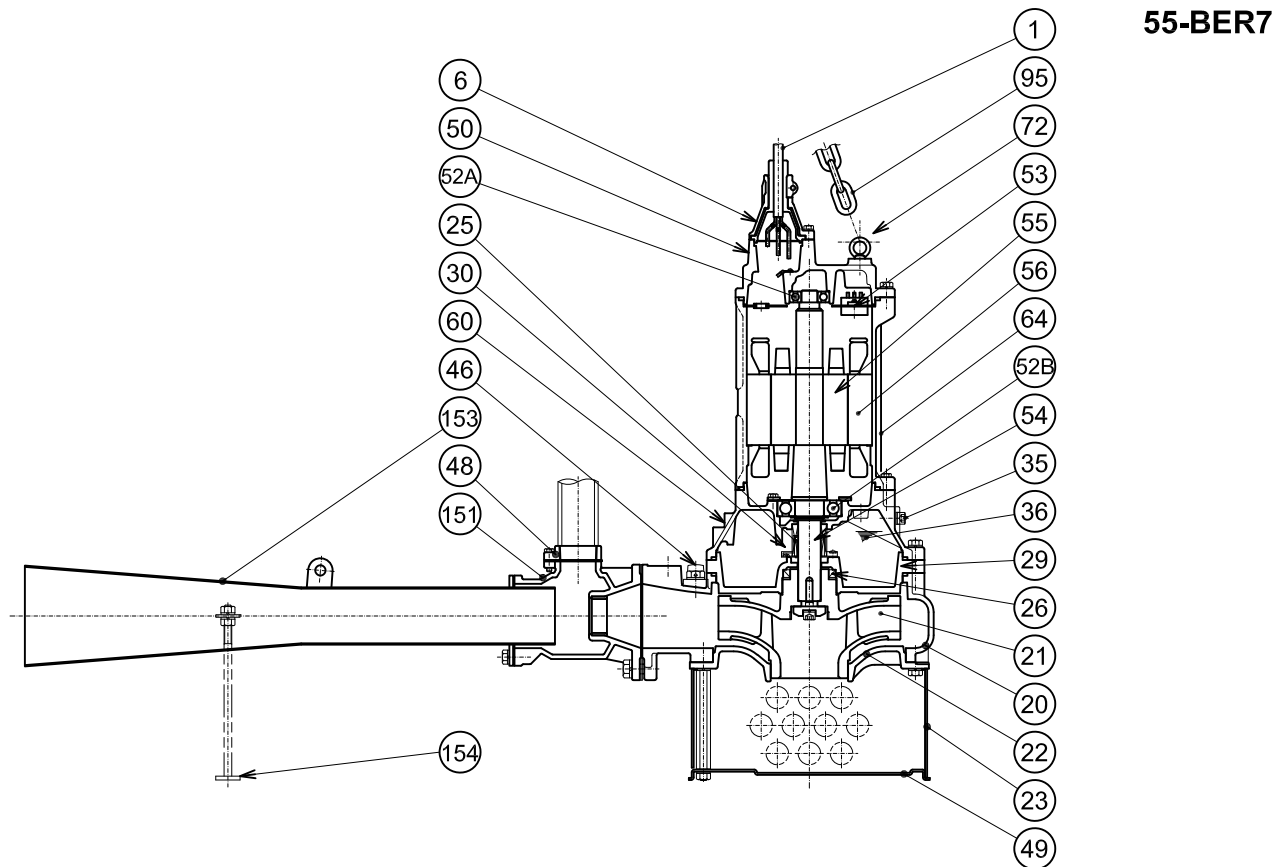
DIMENSIONS:USCS (Inch)

Model	HP	Air-Inlet Dia.	Ejector Pump & Motor										C.W.L. W1	*Wt. (lbs.)
			A	A1	A2	A3	B	D	D1	D2	H	H1	H2	
TOS-55BER7	7.5	2"	28	20 3/8	7 5/8	16 5/8	15 3/16	15 3/8	7 3/8	8	39 5/8	52 5/8	2 1/2	34 1/4 291

DIMENSIONS:METRIC (mm)

*Excluding Cable & Guide Rail System

Model	kW	Air-Inlet Dia.	Ejector Pump & Motor										C.W.L. W1	*Wt. (kg)
			A	A1	A2	A3	B	D	D1	D2	H	H1	H2	
TOS-55BER7	5.5	50	711	517	194	422	385	391	188	203	1006	1337	64	870 132

**TSURUMI PUMP**
BER - SERIES
SUBMERSIBLE - EJECTOR / AERATOR
SECTIONAL VIEW

PART#	DESCRIPTION	MAIN MATERIAL / NOTE	RELATED ASTM, AISI CODE	RELATED EN CODE	QTY
1	Power Cable	Chloroprene Sheath AWG12/4- 32ft			1
6	Stuffing Box	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
20	Pump Casing	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
21	Impeller	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
22	Suction Cover	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
23	Suction Strainer	Steel (Hot Rolled)	A1011	EN 10111	1
25	Mechanical Seal	Silicon Carbide / H-35A			1
26	Oil Seal	NBR / TC-608212			1
29	Oil Casing	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
30	Oil Lifter	PBT Plastic w/(GF+MD)40			1
35	Oil Plug	Stainless Steel	S 30400	1.4301	2
36	Lubricant	Turbine Oil ISO VG32 or SAE 10W-20			
46	Air Valve	Nylon			1
48	Companion Flange	Cast Iron / NPT 2"	A48M Class30B	EN 1561 GJL-200	1
49	Bottom Plate	Steel (Cold Rolled)	A109/A1008	EN 10130	1
50	Motor Bracket	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
52A	Upper Bearing	6305ZZC3			1
52B	Lower Bearing	6309ZZC3			1
53	Motor Protector				1
54	Shaft	Stainless Steel	S 42000	1.4028	1
55	Rotor				1
56	Stator				1
60	Bearing Housing	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
64	Motor Housing	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
72	Lifting Lug Bolt	Steel	A283 Grade D	EN 10025 S275	2
95	Chain	Steel - 16ft	A283 Grade D	EN 10025 S275	1
151	Suction Casing	Cast Iron	A48M Class30B	EN 1561 GJL-200	1
153	Diffuser	Stainless Steel	S 30400	1.4301	1
154	Diffuser Base	Stainless Steel	S 30400	1.4301	1