



Chart I		IMPELLER TYPE (ITEM 4)							
QTY.	PART NO.	IMPELLER TYPE	DWG.	QTY.	PART NO.	IMPELLER TYPE	DWG.	QTY.	PART NO.
	S.4999	N*4202	51-89		S.0819	N*4205	50-05		S.5022
	S.5022	N*4208	51-117		S.4904	N*4212	51-02		

Chart I	TYPE	051A.01	051A.02	051A.03	051A.04	051A.05	051A.06	051A.07	051A.08
PART NO. ITEM 5	S.0827	S.0828	S.0829	S.0830	S.0831	S.0832	S.0833	S.4910	
PART NO. ITEM 7	S.5048/1	S.5048/2	S.5048/3	S.5048/4	S.5048/5	S.5048/6	S.5048/7	S.5048/8	
WEIGHT: kg, ITEM 7	11.6	14.3	17.1	19.9	22.7	25.4	28.2	31	
PART NO. ITEM 31	HM20-080	S.0645	S.1243	S.1247	S.0822	S.1248	S.1037	S.4911	
PART NO. ITEM 32	HM20-050	S.0645S	S.1243S	S.1247S	S.0822S	S.1248S	S.1037S	S.4911S	
QTY.	ITEM 3	0	1	2	3	4	5	6	7
	ITEM 4	1	2	3	4	5	6	7	8
	ITEM 36	6	14	14	14	14	14	14	14
	ITEM 43	1	2	3	4	5	6	7	8
	ITEM 44	4	8	12	16	20	24	28	32
	ITEM 45	4	8	12	16	20	24	28	32
	ITEM 46	4	8	12	16	20	24	28	32
DIMENSION E		234.5 (9 1/4)	326.5 (12 7/8)	418.5 (16 1/2)	510.5 (20 1/4)	602.5 (23 3/4)	694.5 (27 3/8)	786.5 (31)	878.5 (34 1/2)
DIMENSION X		137 (5 3/8)	229 (9)	321 (12 5/8)	413 (16 1/4)	505 (19 7/8)	597 (23 1/2)	689 (27 1/4)	781 (30 3/4)
DIMENSION L		596 (24 3/8)	688 (27 1/2)	780 (31 1/8)	872 (34 3/8)	964 (38 1/8)	1056 (42 1/4)	1148 (45 1/4)	1240 (49 1/2)
WEIGHT: kg		233	274	316	357	398	439	480	521
WEIGHT: LBS		514	604	696	787	877	968	1058	1148

REV.	DATE	ED.N	BY	REVISIONS
8	18/06/2009		TF	ORIGINAL

51	3	AHC M04-08	SCREW, AHC 4-8		S.STEEL
50	1	S.4921	SET COLLAR, V-RING	51-07	C.STEEL
49	1	S.4922	V-RING		
48	1	S.4691	PS-SEAL, 60x80x10		
47	Variable	M05	WASHER, M5		S.STEEL
46	See chart I	GS M05-010	SCREW, GS M5-10		S.STEEL
45	See chart I	FHC M05-016	SCREW, FHC M5-16		S.STEEL
44	See chart I	S.0823	BRACKET, BAFFLE	50-20	S.STEEL
43	See chart I	S.0826	BAFFLE	50-12	S.STEEL
42	2	S.0624	COVER, PORT		
41	12	CHC M8-040	SCREW, CHC M8-40		
40	12	W8	WASHER LOCK, W8		
39	12	CHC M12-035	SCREW, CHC M12-35		
38	12	W12	WASHER LOCK, W12		
37	12	FHC M05-030	SCREW FHC M5-30		
36	See chart I	H M20	NUT, H20		
35	14	W20	WASHER LOCK, W20		
34	1	S.1802	VALVE WARNING PLATE	008	
33	1	S.1801	SURGE WARNING PLATE	092	ALUMINIUM
32	2	See chart I	TIE ROD (short)	010	C.STEEL
31	6	See chart I	TIE ROD (long)	010	C.STEEL
30	8	CT02.89-008	RIVET, 2.89-8		
29	1	S.0216	NAME PLATE	284	ALUMINIUM
28	1	S.0613	KEY, COUPLING	003	C.STEEL
27	2	S.0621	GREASER, 1/4 GAS		
26	3	S.0200	PLUG, 1/4 GAS		
25	1	S.1012	PLUG, 3/8 GAS		
24	1	S.0623	FELT JOINT 663x46x6		
23	2	S.0620	NUT, KM10		
22	2	S.0619	WASHER, MB10		
21	2	S.0610	GREASE SLINGER	30-20	C.STEEL
20	2	S.0611	SPACER, BEARING / HOUSING BEARING	30-18	C.STEEL
19	2	S.0617	BEARING, BALL 6410 C3		1,95
18	4	S.0862	GRAPHIT RING		GRAPHIT
17	2	S.0856	ADAPTER, GRAPHIT RING	50-36	ALUMINIUM 0.1
16	2	S.0855	RETAINER, GRAPHIT RING	50-36	ALUMINIUM 0.36
15	1	S.4663	CAP, BEARING-OUTLET END	31-46	CAST IRON 1.9
14	1	S.4664	CAP, BEARING-INLET END	31-46	CAST IRON 1.67
13	2	S.4665	SPACER, BEARING/CAP	31-47	CAST IRON 1.7
12	1	S.4662	HOUSING, BEARING OUTLET SIDE	31-48	CAST IRON 10
11	1	S.4689	HOUSING, BEARING INLET SIDE	31-91	CAST IRON 10
10	1	S.1222	NUT, KM13		
9	1	S.1221	WASHER, MB13		
8	2	S.4611	WAVY SPRING		C.STEEL
7	1	See chart I	SHAFT	51-176	C.STEEL See chart I
6	Variable	S.0668	SHIM, IMPELLER	006	C.STEEL
5	1	See chart I	KEY, IMPELLER	003	C.STEEL
4	See chart I	See chart II	IMPELLER	See chart II	ALUMINIUM 9
3	See chart I	S.4903	SECTION, INTERMEDIATE	51-01	ALUMINIUM 26
2	1	S.0602	HEAD, OUTLET	30-02	CAST IRON 80
1	1	S.0801	HEAD, INLET	50-01	CAST IRON 85

ITEM	QTY.	PART NO.	DESCRIPTION	DWG.	MATERIAL	WEIGHT kg
CONTINENTAL INDUSTRIE						
TYPE 051A INLET END DRIVE						
SECTIONAL DRAWING						
BIO GAS APPLICATION + PS SEAL						
ASSEMBLY: _____ DATE: 18/06/2009						
SCALE: _____ SIZE: A1						
QUOTATION: DR: TF CHKD. DR DWG No. REV.						
ORDER No.: _____ REVISIONS: _____ DWG No. REV.						
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