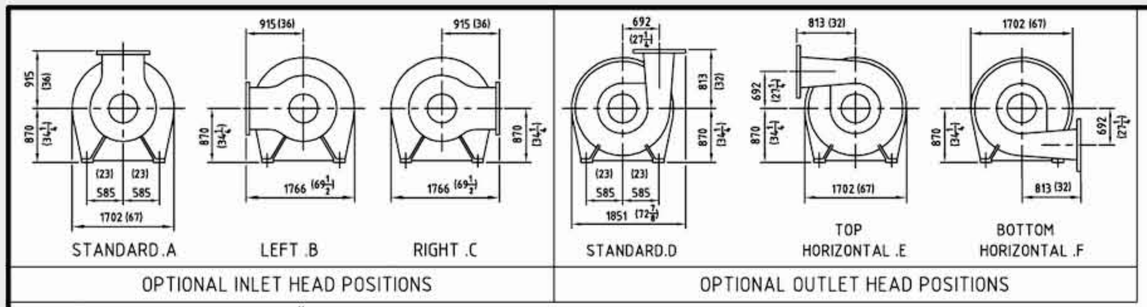
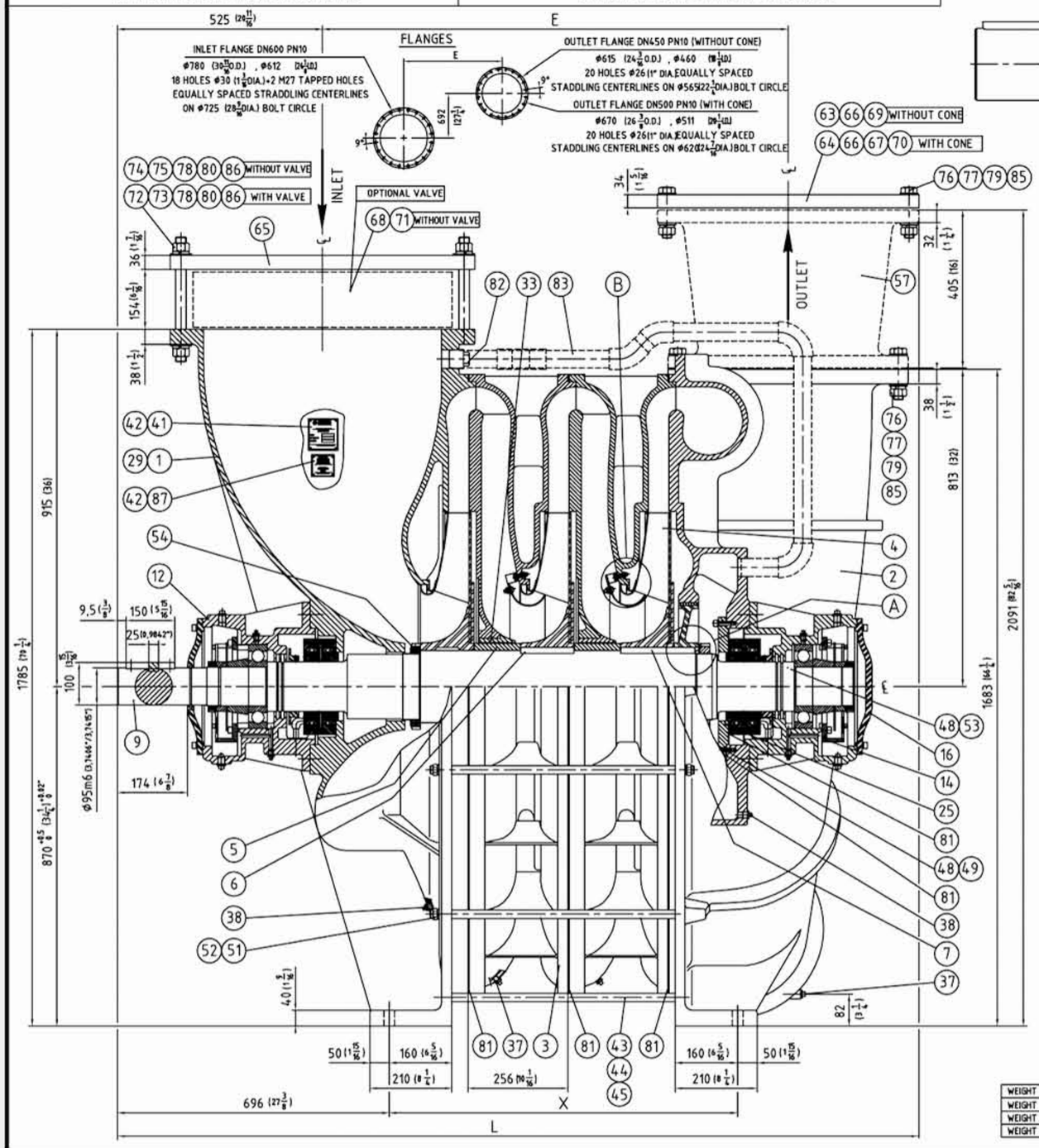


OPTIONAL INLET HEAD POSITIONS

OPTIONAL OUTLET HEAD POSITIONS

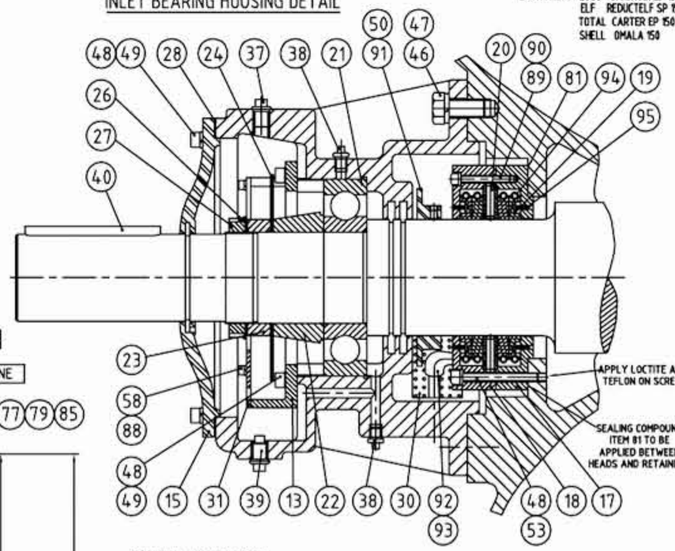


NOTES: DIMENSIONS IN PARENTHESIS ARE IN INCHES.
- RECOMMENDED TIE ROD TORQUE: 30 F.T LBS.
- OIL QUANTITY BY HOUSING,BEARING 1,86 liter.
- USED OIL SPECIFICATION
JAROGEAR Z 150 Extreme oil pressure SERVICE API-GL5
EQUIVALENT: ESSO SPARTAN EP 150
ELF REDUCTELF SP 150
TOTAL CARTER EP 150
SHELL OMALA 150

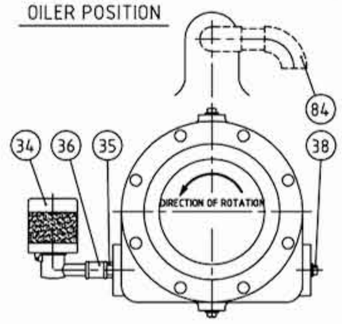
ASSEMBLY PICKING
CONE, ITEM 57
BALANCING PIPE, ITEM 83
AIR BANG PIPE, ITEM 84

REV.	DATE	E.D.N	BY	REVISIONS
0	26/05/1999		BD	ORIGINAL

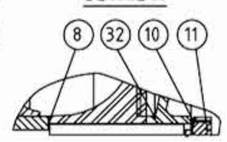
INLET BEARING HOUSING DETAIL



OILER POSITION

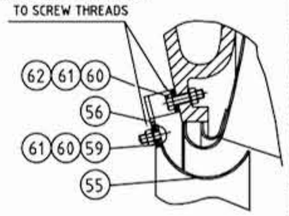


DETAIL A



DETAIL B

APPLY LOCTITE PART NO.270 TO SCREW THREADS



FOOT DIMENSIONS, ALL HEADS

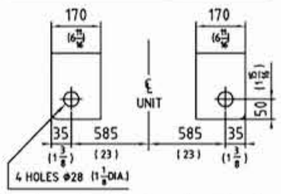


Chart I	TYPE	600.01	600.02	600.03	600.04	600.05	600.06
PART NO. ITEM 9		S.6407	S.6408	S.6409	S.6410	S.6411	S.6412
WEIGHT kg. ITEM 9		153	206	259	312	365	418
PART NO. ITEM 43		S.6431	S.6432	S.6433	S.6434	S.6435	S.6436
PART NO. ITEM 44		S.6443	S.6444	S.6445	S.6446	S.6447	S.6448
PART NO. ITEM 45		S.6486	S.6487	S.6488	S.6489	S.6490	S.6491
QTY.	ITEM 3	0	1	2	3	4	5
	ITEM 4	1	2	3	4	5	6
	ITEM 5	0	1	2	3	4	5
	ITEM 6	1	2	3	4	5	6
	ITEM 33	0	1	2	3	4	5
	ITEM 37	3	4	5	6	7	8
	ITEM 55	0	1	2	3	4	5
	ITEM 56	0	7	14	21	28	35
	ITEM 59	0	7	14	21	28	35
	ITEM 60	0	14	28	42	56	70
	ITEM 61	0	14	28	42	56	70
	ITEM 62	0	7	14	21	28	35
DIMENSION E		680 (26 3/4")	936 (36 7/8")	1192 (46 15/16")	1448 (57")	1704 (67 1/8")	1960 (77 3/16")
DIMENSION X		380 (14 15/16")	636 (25")	892 (35 1/8")	1148 (45 3/16")	1404 (55 1/4")	1660 (65 3/8")
DIMENSION L		1540 (60 5/8")	1796 (70 11/16")	2052 (80 3/4")	2308 (90 7/8")	2564 (100 15/16")	2820 (111")
WEIGHT WITHOUT CONE : kg		2435	3280	4125	4970	5815	6660
WEIGHT WITH CONE : kg		2565	3410	4255	5100	5945	6790
WEIGHT WITHOUT CONE: LBS		5366	7230	9091	10953	12816	14678
WEIGHT WITH CONE : LBS		5653	7515	9378	11240	13102	14965

Chart II		IMPELLER TYPE (ITEM.4)		
QTY.	PART NO.	IMPELLER TYPE	DWG.	WEIGHT kg
	S.6495	N° 9301	600-42	
	S.6496	N° 9302	600-43	
	S.6497	N° 9303	600-44	
	S.6504	N° 9304	600-51	
	S.6405	N° 9311	600-45	
	S.6404	N° 9312	600-34	26,7
	S.6493	N° 9313	600-46	
	S.6494	N° 9314	600-47	

Chart III	WITH VALVE	WITHOUT VALVE	WITH CONE	WITHOUT CONE
ITEM 63			0	1
ITEM 64			1	0
ITEM 67			1	0
ITEM 68	0	1		
ITEM 69			0	1
ITEM 70			1	0
ITEM 71	0	1		
ITEM 72	18	0		
ITEM 73	2	0		
ITEM 74	0	18		
ITEM 75	0	2		
ITEM 76			40	20
ITEM 77			40	20
ITEM 78	38	20		
ITEM 79			40	20
ITEM 80	38	18		
ITEM 85			80	40

QTY.

ITEM	QTY.	PART NO.	DESCRIPTION	DWG.	MATERIAL	WEIGHT kg
95	16	S.6502	SPRING, CARBON RING	600-16		
94	8	S.6503	LOCATING PIN, CARBON RING	600-24		
93	2	S.5541	GAZ INJECTION PIPE ø1/4 GAS	600-157		
92	2	/	ELBOW, 90° MF ø1/4" GAS			
91	2	S.6560	BAFFLE	600-157		0,7
90	4	W08	WASHER LOCK, W8			
89	4	CHC M08-055	SCREW, CHC M8-55			
88	12	CHC M06-016	SCREW, CHC M6-16			
87	1	S.1801	SURGE WARNING PLATE		ALUMINIUM	
86	38	M27	WASHER, M27			
85	See chart II	M24	WASHER, M24			
84	1	S.6500	AIR BANG PIPE (OPTION)			
83	or 1	S.6501	BALANCING PIPE (OPTION)			
82	0 or 1	S.6027	PLUG, 1" 1/2 GAS			
81		S.2523	SILICONE JOINT		SILICONE	
80	See chart II	H M27	NUT, H27			
79	See chart II	H M24	NUT, H24			
78	See chart II	W27	WASHER LOCK, W27			
77	See chart II	W24	WASHER LOCK, W24			
76	See chart II	H M24-110	SCREW, H M24-110			
75	See chart II	H M27-085	SCREW, H M27-85			
74	See chart II	H M27-120	SCREW, H M27-120			
73	See chart II	S.2220	TIE ROD ø27, L:285		C.STEEL	
72	See chart II	S.2296	TIE ROD ø27, L:260		C.STEEL	
71	See chart II	S.6472	COVER, PORT / DN 600		C.STEEL	
70	See chart II	S.6471	COVER, PORT / DN 500		C.STEEL	
69	See chart II	S.6498	COVER, PORT / DN 450		C.STEEL	
68	See chart II	S.6462	GASKET, FLANGE DN600	005		
67	See chart II	S.6463	GASKET, FLANGE DN500	005		
66	1	S.6464	GASKET, FLANGE DN450	005		
65	1	S.6468	COMPANION FLANGE DN600 PN10		C.STEEL	45
64	See chart II	S.6469	COMPANION FLANGE DN500 PN10		C.STEEL	33
63	See chart II	S.6477	COMPANION FLANGE DN450 PN10		C.STEEL	28
62	See chart I	H M8-030.I	SCREW, H M8-30		S.STEEL	
61	See chart I	H M08.I	NUT, H M8		S.STEEL	
60	See chart I	DI 08.I	WASHER, DI 8		S.STEEL	
59	See chart I	GS M08-020.I	SCREW, GS M8-20		S.STEEL	
58	12	W06	WASHER LOCK, W6			
57	0 or 1	S.6437	REDUCTION CONE DN500 / DN450 (OPTION)	600-30	CAST IRON	121
56	See chart I	S.6424	BRACKET, BAFFLE	600-09	S.STEEL	
55	See chart I	S.6429	BAFFLE, INTERMEDIATE SECTION	600-07	S.STEEL	1,8
54	1	AHC M08-016	SCREW, AHC M8-16			
53	12	CHC M10-090	SCREW, CHC M10-90			
52	19	H M22	NUT, H22			
51	19	W22	WASHER LOCK, W22			
50	4	AHC M08-010,PL	SCREW, M8-10, PL			
49	40	CHC M10-035	SCREW, CHC M10-35			
48	52	W10	WASHER LOCK, W10			
47	16	H M20-050	SCREW, H M20-50			
46	16	W20	WASHER LOCK, W20			
45	0 or 2	See chart I	TIE ROD	010	C.STEEL	
44	7 or 4	See chart I	TIE ROD	010	C.STEEL	
43	5 or 6	See chart I	TIE ROD	010	C.STEEL	
42	8	CT 02.89-008	RIVET, ø2,89-8		C.STEEL	
41	1	S.0216	NAME PLATE	284	ALUMINIUM	
40	1	S.6461	KEY, COUPLING 25x14x150	003	C.STEEL	
39	2	S.2748	PLUG, 1/2 GAS MAGNETIC			
38	8	S.0200	PLUG, 1/4 GAS			
37	See chart I	S.1427	PLUG, 1/2 GAS			
36	2	S.2580	NIPPLE, FF 1/4 GAS			
35	2	S.2579	NIPPLE, MM 1/4 GAS			
34	2	S.1423	OILER 1/4 GAS			
33	See chart I	S.6423	BOSS, INTERMEDIATE SECTION	600-27	BRONZE	7,2
32	1	S.6430	DRUM, BALANCING	600-06	ALUMINIUM	7,2
31	2	S.6427	CAP, OIL RESERVOIR	600-15	ALUMINIUM	
30	4	S.6451	FAN GUARD, BEARING HOUSING	600-29	C.STEEL	
29	1	S.1802	VALVE WARNING PLATE			
28	2	S.6422	GASKET, BEARING CAP	600-32		
27	2	S.6473	NUT, KM20			
26	2	S.6474	WASHER, MB20			
25	1	S.6450	FLANGE, RETAINER CARBON RING SUPPORT	600-28	C.STEEL	11,8
24	2	S.6421	OIL SLINGER	600-13	ALUMINIUM	
23	2	S.6415	SPACER, SHORT	600-18	C.STEEL	1
22	2	S.6416	SPACER, LONG	600-22	C.STEEL	2,8
21	2	S.6465	BEARING, BALL 6320 C3 THT			7,5
20	2	S.6559	SPACER, CARBON RING	600-157	ALUMINIUM	0,8
19	8	S.6419	CARBON RING	600-17	CARBON	
18	2	S.6558	ADAPTER, CARBON RING	600-157	ALUMINIUM	2,4
17	2	S.6557	RETAINER, CARBON RING	600-157	ALUMINIUM	2,2
16	1	S.6440	CAP, BEARING-OUTLET END	600-08	ALUMINIUM	3,5
15	1	S.6441	CAP, BEARING-INLET END	600-12	ALUMINIUM	3,2
14	1	S.6426	OIL RESERVOIR, OUTLET END	600-11	CAST IRON	5,5
13	1	S.6425	OIL RESERVOIR, INLET END	600-10	CAST IRON	6,6
12	2	S.6406	HOUSING, BEARING	600-04	CAST IRON	64
11	2	S.6466	NUT, KM34		C.STEEL	0,7
10	1	S.6467	WASHER, MB34		C.STEEL	0,1
9	1	See chart I	SHAFT	600-05	C.STEEL	See chart II
8	Variable	S.6442	SHIM, IMPELLER	006	C.STEEL	
7	1	S.6439	KEY, IMPELLER+DRUM, BALANCING 20x20x195	003	C.STEEL	0,58
6	See chart I	S.6438	KEY, IMPELLER 20x20x135	003	C.STEEL	0,41
5	See chart I	S.6413	SPACER, IMPELLER	600-23	C.STEEL	10
4	See chart I	See chart II	IMPELLER	See chart II	ALUMINIUM	See chart II
3	See chart I	S.6403	SECTION, INTERMEDIATE	600-03	CAST IRON	720
2	1	S.6402	HEAD, OUTLET	600-02	CAST IRON	1080
1	1	S.6401	HEAD, INLET	600-01	CAST IRON	820

CONTINENTAL INDUSTRIE S.A
S^T RIVIER/MOIGNANS FRANCE

TYPE 600 RT
INLET END DRIVE

SECTIONAL DRAWING
DOUBLE CARBON RING SEAL - GAS INJECTION

QUOTATION:
ORDER No:
REVISIONS:
DR: BD
CHKD. DR

ASSEMBLY:
DATE: 26/05/1999
SCALE:
SIZE: A1
DWG No. 600-AC2A
REV. 0

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