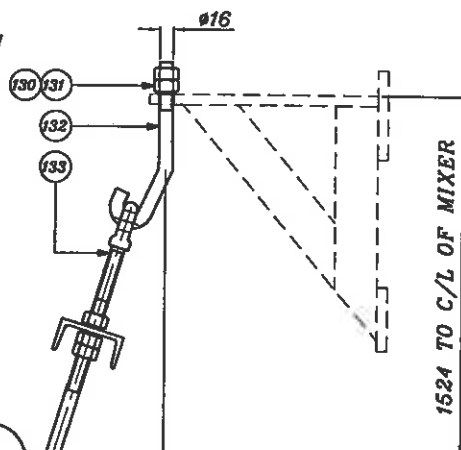


PLAN VIEW OF MIXER

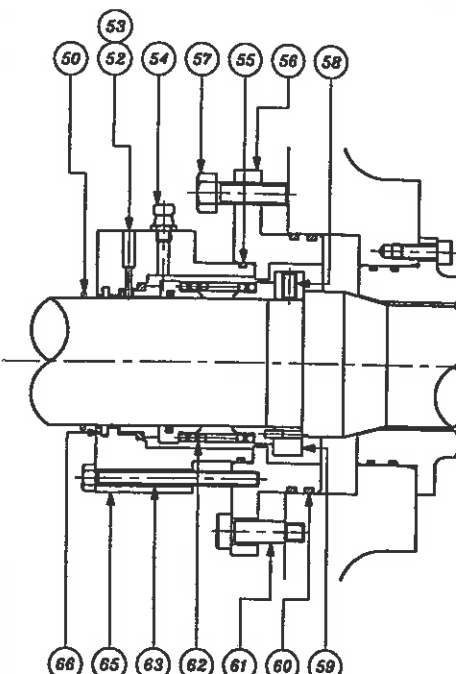
MOTOR DETAILS

MANUF.	BROOK HANSEN
CLASS	EEKD
FR. SIZE	200LN
K.W.	30
R.P.M.	1450 FLS
HERTZ	50
PHASE	3
VOLTAGE	380

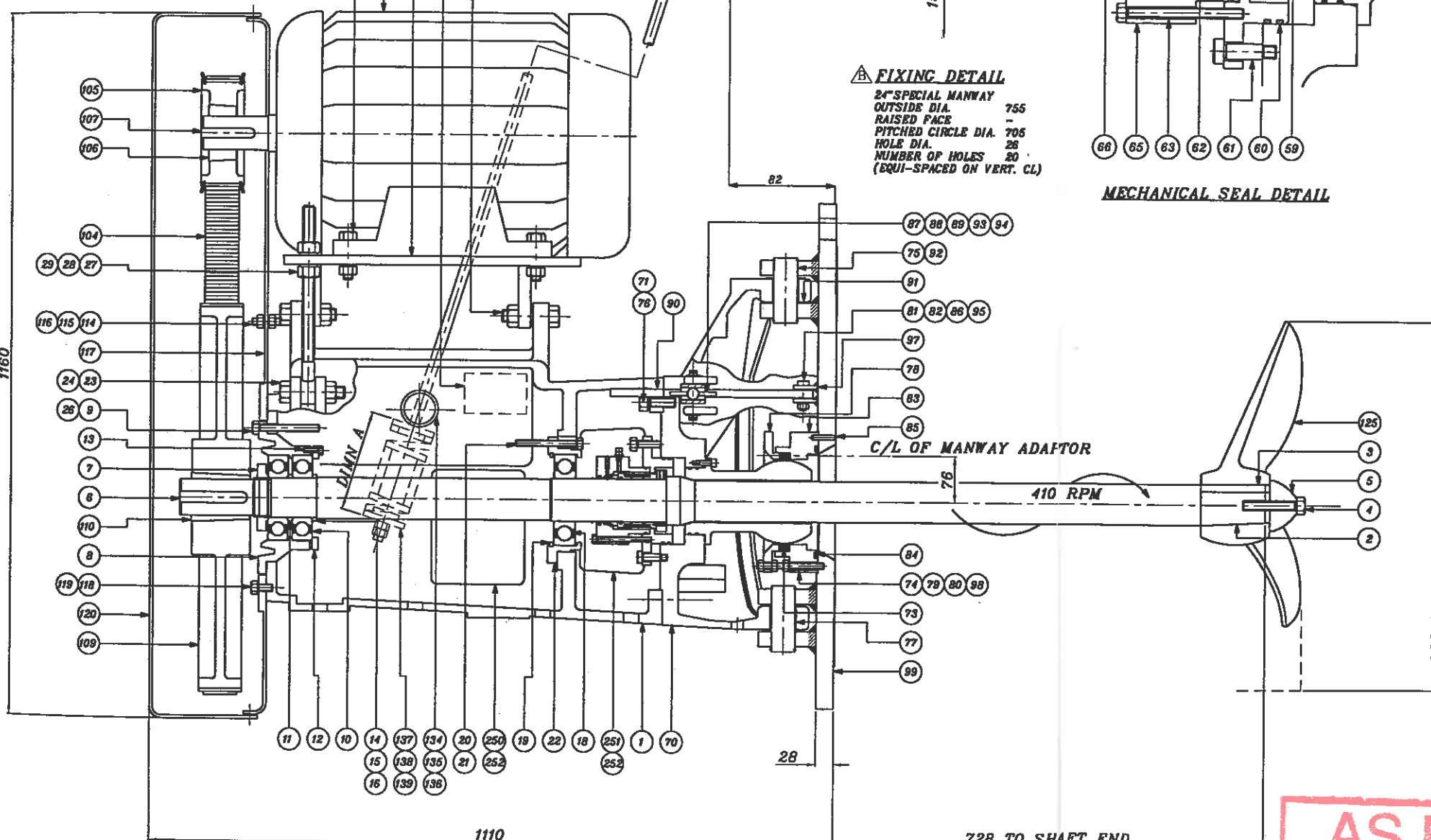


FIXING DETAIL

24" SPECIAL MANWAY	755
OUTSIDE DIA.	
RAISED FACE	
PITCHED CIRCLE DIA.	705
HOLE DIA.	28
NUMBER OF HOLES	20
(EQUI-SPACED ON VERT. CL.)	



MECHANICAL SEAL DETAIL



ITEM NO.	DESCRIPTION	QTY	MATERIAL
1	FRAME	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
2	SHAFT	1	M.S. BS 970 080 M40 HARD CHROMED THROUGH SEAL
3	KEY	1	M.S. BS 970 070 M55 (ASTM A241-68)
5	IMPELLER CONE	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
6	KEY	1	M.S. BS 970 070 M55 (ASTM A241-68)
7	LOCK NUT	1	M.S. BS 970 070 M20 (AISI 1021)
8	BEARING HSG (OUTBOARD)	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
10	BEARING (BALL)	2	STEEL SEALED FOR LIFE 6316-2NS
11	SPACER	1	M.S. BS 970 070 M20 (AISI 1021)
12	CLAMP RING	1	M.S. BS 970 070 M20 (AISI 1021)
14	SPACER	1	M.S. BS 970 070 M20 (AISI 1021)
15	SPACER	1	M.S. BS 970 070 M20 (AISI 1021)
16	SPACER	1	M.S. BS 970 070 M20 (AISI 1021)
17	SPACER	1	M.S. BS 970 070 M20 (AISI 1021)
18	BEARING (BALL)	1	STEEL SEALED FOR LIFE 6317-2NS
19	CIRCLIP	1	STEEL TYPE 1300 SIZE 180mm
22	BEARING HSG (INBOARD)	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
30	DIRECTION ARROW	1	STAINLESS STEEL (ASTM A351 CF3M)
31	NAMEPLATE	1	STAINLESS STEEL (ASTM A351 CF3M)
50	O' RING	1	VITON A BS 339
52	PIN	1	M.S. BS 970 070 M20 (AISI 1021)
53	SLEEVE	1	P.T.F.E. FLEXIBOX REF. 10840/623
54	AIR RELEASE VALVE	1	STEEL
55	O' RING	1	VITON A BS 251
56	SEAL HOUSING	1	M.S. BS 970 070 M20 (AISI 1021)
59	COLLAR	1	M.S. BS 970 070 M20 (AISI 1021)
60	O' RING	2	VITON A BS 253
62	MECHANICAL SEAL	1	FLEXIBOX ROOR 0850
65	SEAL COVER	1	M.S. BS 970 070 M20 (AISI 1021)
66	BACK UP SEAL	1	P.T.F.E.
70	MOUNTING FLANGE SWIVEL	1	C.S. BS 1504 161 Cr480 / S.S. BS 970 316 S11
73	SOLESE	1	RUBBER / CANVAS
75	CIRCLIP	4	STEEL TYPE 1400 SIZE 1.5"
77	BUSH	2	CLACIER 24 DU 24
78	GLAND	1	M.S. BS 970 070 M20 (AISI 1021)
83	SOLESE CHAMBER	1	M.S. BS 970 070 M20 (AISI 1021)
84	O' RING	1	VITON A BS 440
85	MILLS PIN	2	STEEL
88	SELLOCK PIN	1	STEEL
90	ADJUSTMENT BAR	1	M.S. BS 970 070 M20 (AISI 1021)
91	THRUST WASHER	1	CLACIER DU 24
92	HINCE PIN	2	M.S. BS 970 070 M20 (AISI 1021)
93	CLAMPING BRACKET	1	M.S. BS 970 070 M20 (AISI 1021)
94	CLAMP SCREW	1	M.S. BS 970 070 M20 (AISI 1021)
95	SELLOCK PIN	1	STEEL
99	MANWAY/NOZZLE ADAPTOR	1	M.S. BS 1501 161 Cr430 A/B (ASTM A414 CrC)
100	MOTOR	1	SEE MOTOR DETAILS
104	TIMING BELT	1	GATES POWERGRIP
105	PULLEY	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
106	TAPERLOCK BUSH	1	M.S. BS 970 070 M20 (AISI 1021)
107	KEY	1	M.S. BS 970 070 M55 (ASTM A241-68)
108	MOTOR MOUNTING PLATE	1	M.S. BS 970 070 M20 (AISI 1021)
109	PULLEY	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
110	TAPERLOCK BUSH	1	M.S. BS 970 070 M20 (AISI 1021)
117	GUARD BASEPLATE	1	G.R.P. FIRE RESISTANT COATED
120	GUARD	1	G.R.P. FIRE RESISTANT COATED
125	IMPELLER	1	CAST IRON BS 1452 Cr220 (ASTM A48 Cr40)
132	HOOK	1	M.S. BS 970 070 M20 (AISI 1021)
133	SLING	1	M.S. BS 970 070 M20 (AISI 1021)
134	SUPPORT TUBE	1	M.S. BS 970 070 M20 (AISI 1021)
135	COLLAR	2	M.S. BS 970 070 M20 (AISI 1021)
137	SPRING CAP	4	M.S. BS 970 070 M20 (AISI 1021)
138	SPRING	2	SPRING STEEL
250	PORT GUARD	2	M.S. BS 970 070 M20 (AISI 1021)
251	PORT GUARD	2	M.S. BS 970 070 M20 (AISI 1021)

NOTES

WHEN ORDERING SPARES PARTS QUOTE JOB NUMBER, ITEM NUMBER AND DESCRIPTION
ALL FASTENERS ARE METRIC, HIGH TENSILE STEEL TO BS 3692 Cr 8.8 PLATED.
BOLT (ITEM NUMBER 4) AND LOCKNUT (ITEM NUMBER 7) TO BE SECURED WITH
LOCTITE 241 (NUTLOCK) ON ASSEMBLY.
FASTENERS ARE ITEMISED BUT NOT SHOWN IN PARTS LIST ABOVE.

CUSTOMER DETAILS

CUSTOMER	GALATEA
ORDER NUMBER	PLENTY 1007-BCS
ITEM NUMBER	661791-1/2
SPECIAL TAG	
NUMBERS	
EST. WEIGHT	1024MCS
TOTAL QTY.	TWO
DIMN 'A'	126
SPRING SETTING	
DYNAMIC MOMENT	931NM
STATIC MOMENT	5774NM

AS BUILT

ALL DIMENSIONS ARE METRIC UNLESS OTHERWISE STATED

REV	ZONE	REVISION	SIC	DATE	REV	ZONE	REVISION	SIC	DATE
B	-	HOLES WERE OF VERTICAL C/LINE	PD	21.02.00					
A	-	FIRST ISSUE							

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FIRST ANGLE PROJECTION

SURFACE FINISH
EXCEPT AS STATED

TOLERANCES ON
M/C DIMENSIONS
+/- .40mm (+/- .015")
EXCEPT AS STATED

MATERIAL (WETTED PARTS)
C.STL/C.I.

SCALE	NTS	SIZE & TYPE	30P-STM30
DRN	PD	15.12.99	TITLE
CHD	PD	15.12.99	70mm SWIVEL ANGLE SIDE ENTRY MIXER
STD	MIC		CUSTOMER
			JOB NO.
			661791
			CAD DRAWING NO.
			661791 00 100