



COUPLE6 ALIGNMENT REPORT



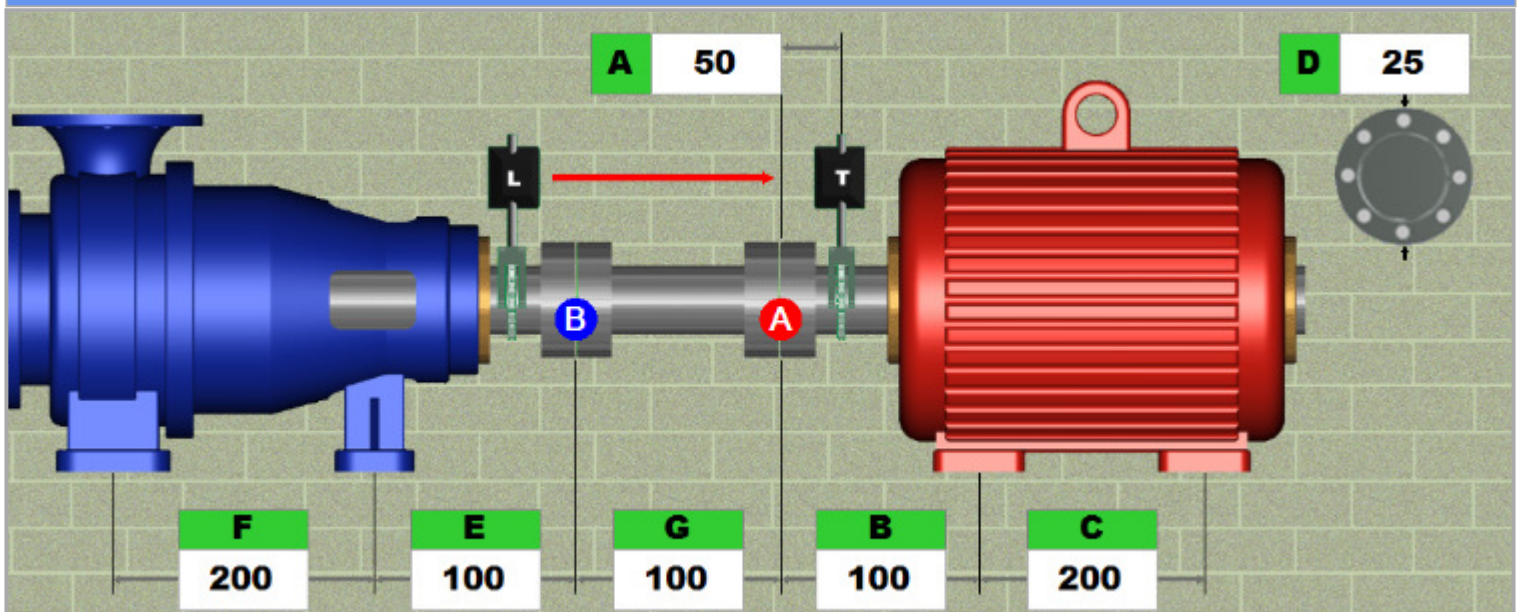
REPORT ISSUED BY:

Hamar Laser
5 Ye Olde Road, Danbury, CT
(203)730-4600

COMPANY / JOB INFORMATION

Machine Name	FIXTURE
Company	Hamar Laser Instruments Inc
Location	Engineering
Address	5 Ye Olde Road
City	Danbury
State / Province	CT
Postal (ZIP) Code	06810
Country	USA
Notes	notes go here

MACHINE SETUP



UNITS

OFFSET = mm, ANGLE = mm/100mm



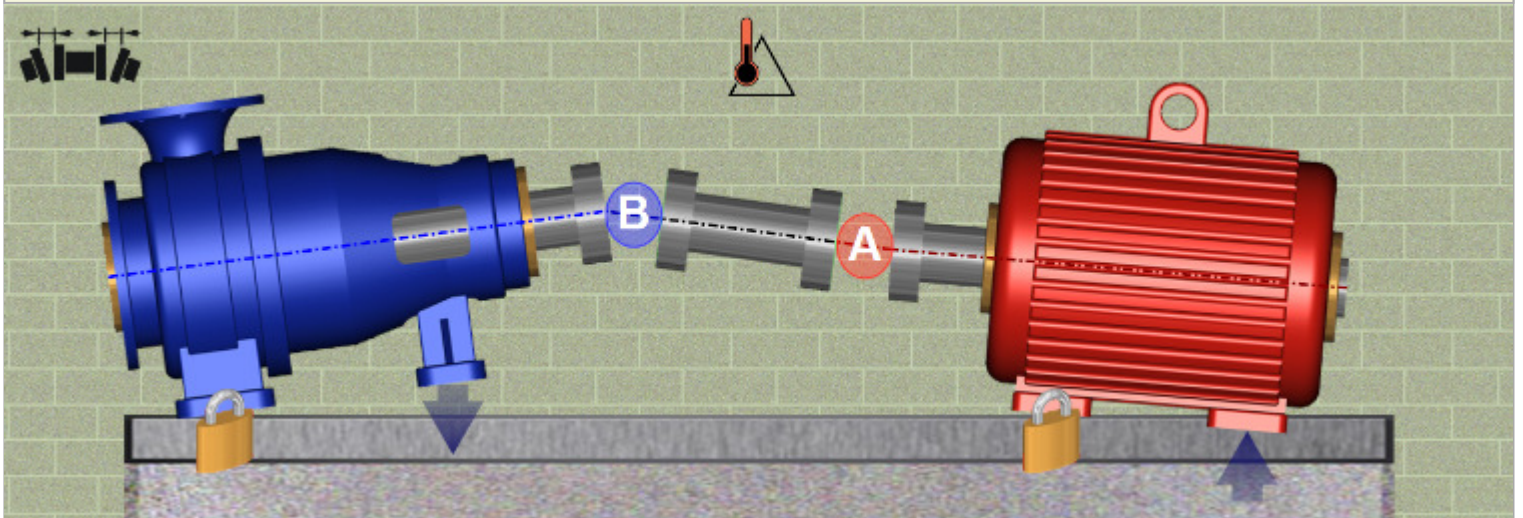
TARGET INFORMATION

MODEL NUMBER : T-1290
CALIB. DATE : 8/26/2010

SERIAL NUMBER : 90-10077
FW REV. : 1.24

ALIGNMENT RESULTS

VERTICAL - SIDE VIEW



B **F** **-0.09**

F **B** **0.06**

GAP B

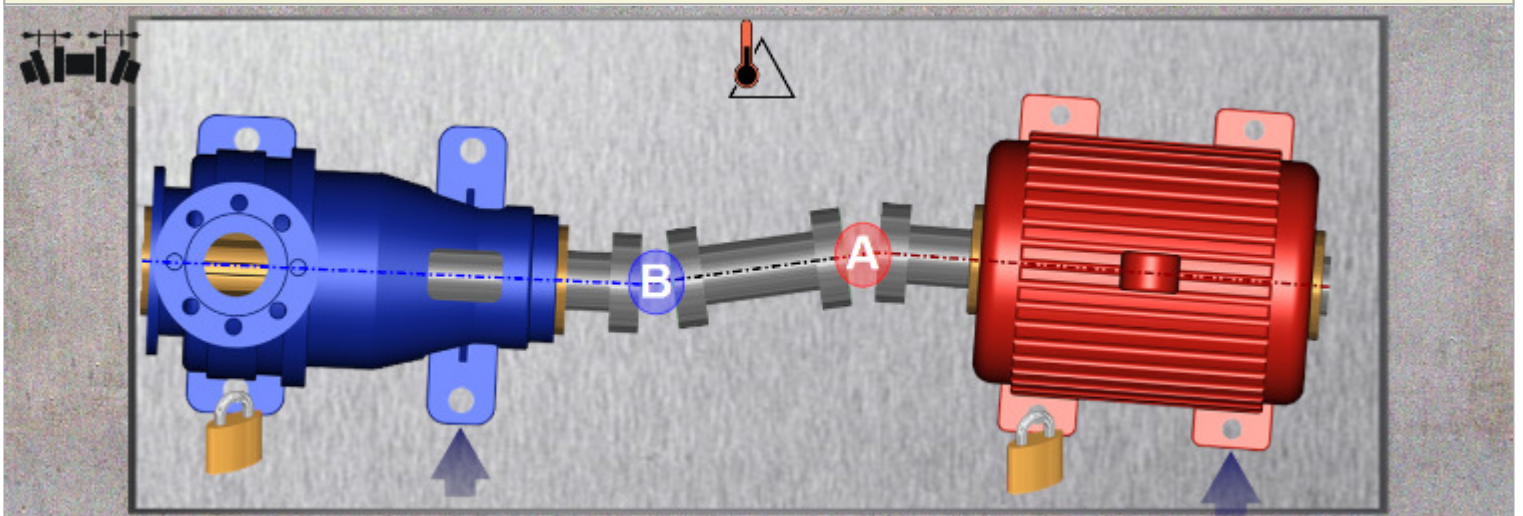
-0.037

RPM	TOLERANCES	
900+	ACCEPT.	EXCEL.
OFFSET	0.152	0.076
ANGLE	0.200	0.120
GAP	0.050	0.030

GAP A

0.019

HORIZONTAL - TOP VIEW



B **F** **0.03**

F **B** **0.05**

GAP B

0.009

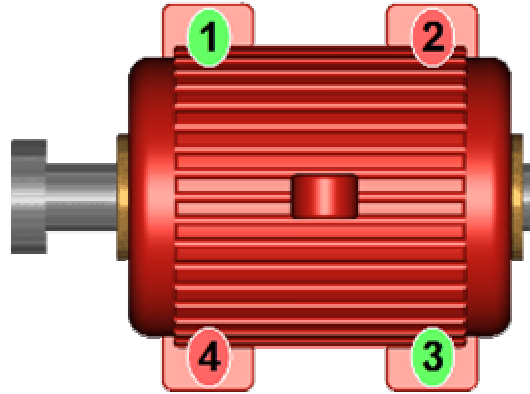
RPM	TOLERANCES	
900+	ACCEPT.	EXCEL.
OFFSET	0.152	0.076
ANGLE	0.200	0.120
GAP	0.050	0.030

GAP A

0.001

SOFT FOOT

FOOT #	TIGHT	LOOSE	SHIM
1	0.959	0.959	0.00
2	0.846	0.969	0.12
3	0.853	0.848	0.00
4	0.959	1.025	0.07



REPEATABILITY

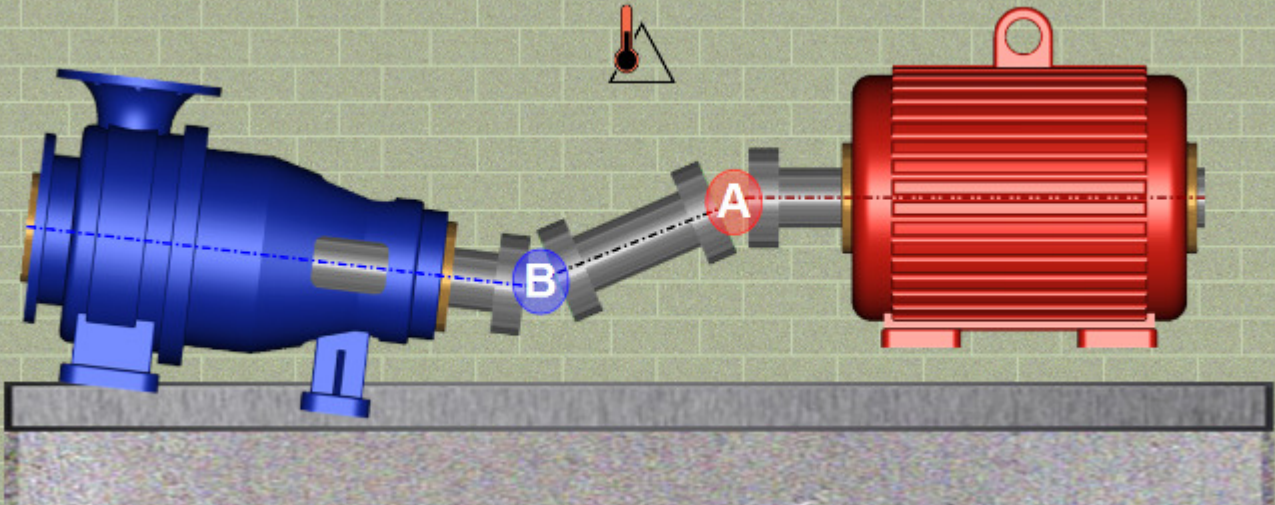
#	V GAP A	V GAP B	H GAP A	H GAP B	DATE	TIME	SPAN	POINTS	MODE	METHOD
✓ 1	-0.011	0.003	-0.007	0.019	10/27/2010	11:24 AM	260.9°	224	COUPLED	AUTOSWEEP
2	0.000	0.000	0.000	0.000	11/9/2010	5:24 PM	270.0°	7	COUPLED	CLOCK MODE

HISTORY

CATEGORY	V GAP A	V GAP B	H GAP A	H GAP B	DATE/TIME	SPAN	#POINTS	MODE	METHOD
As Found	0.112	-0.060	-0.223	0.020	9/16/2010 2:16:06 PM	253.5°	173	COUPLED	AUTOSWEEP
After Move	-0.019	0.002	-0.017	-0.002	9/16/2010 2:37:21 PM	261.5°	401	COUPLED	AUTOSWEEP
After Alignment	-0.002	0.001	0.002	-0.001	9/16/2010 2:45:11 PM	254.1°	363	COUPLED	AUTOSWEEP

THERMAL GROWTH

VERTICAL TARGETS



0.08

0.00

GROWTH

0.08

0.08

GAP B



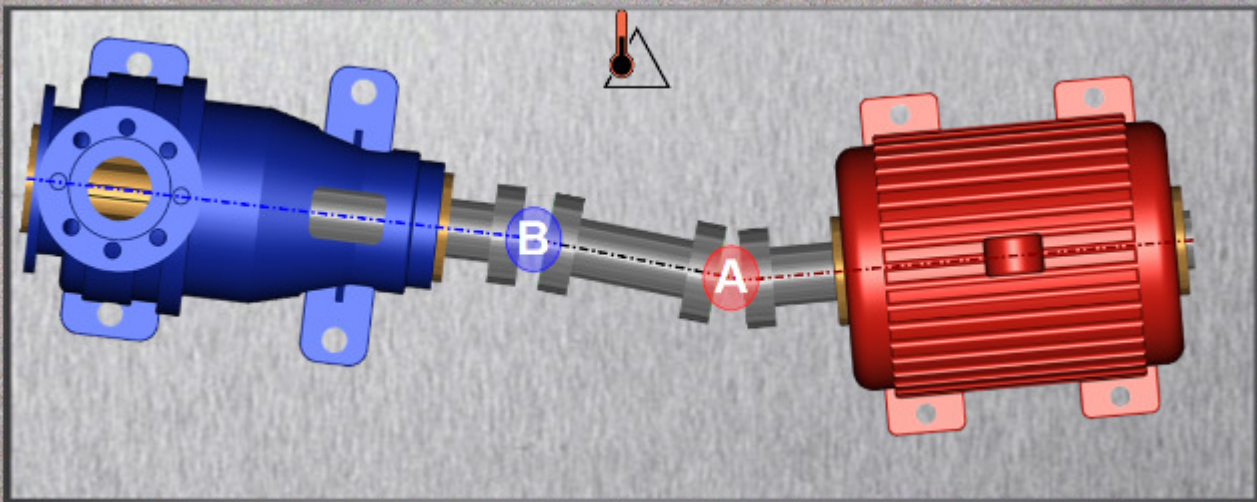
0.040

GAP A



-0.030

HORIZONTAL TARGETS



0.02

0.00

GROWTH

0.02

0.02

GAP B



0.010

GAP A



-0.007