

File info

Filename: CASTLETON FWP 10  
 Created: July/31/2011, 8:28:37 pm  
 Measured: August/24/2011, 3:43:19 am  
 Comment:

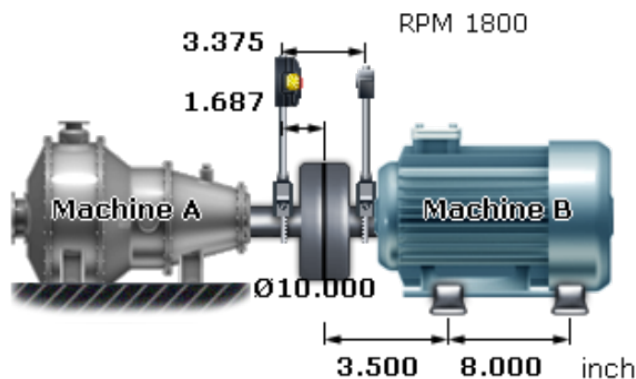
Machine train description

Machine A:	Type:	Name:	Static Foot:
Coupling 1:	Pump	Machine A	
Machine B:	Short flex	Machine B	4 feet
	Motor		

Machine train dimensions

Machine A:	Machine A (static)	Value:	Unit:
Coupling 1:	Coupling diameter:	10.000	[inch]
	Distance from sensor to prism	3.375	[inch]
	Distance from sensor to coupling center:	1.687	[inch]
	Distance to right machine:	3.500	[inch]
	RPM:	1800	RPM
Machine B:	Machine B		
	Distance from 1 to 2 Feet:	8.000	[inch]

Dimensions



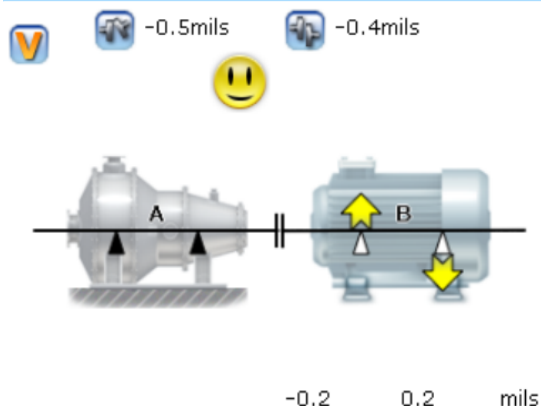
Machine train results

Coupling 1:	Actual - specification:	Value:	Unit:
Sensor used:	Results of Sweep Measurement		
Vertical:	OPTALIGNsmart		
	Gap	-0.5	[mils]
	Offset	-0.4	[mils]
Horizontal:	Gap	0.2	[mils]
	Offset	0.6	[mils]
	Vertical tolerance:	⚠⚠	
	Horizontal tolerance:	⚠⚠	

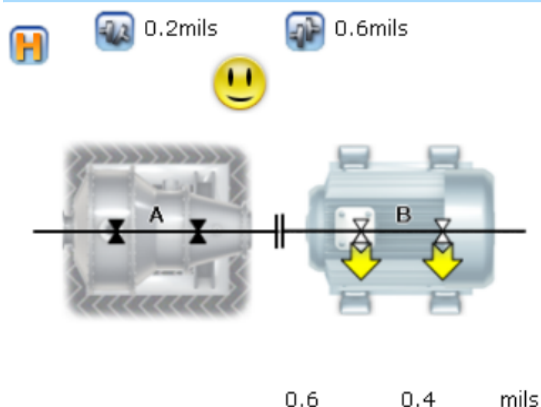
Graphical coupling results

Graphical coupling results

Vertical results



Horizontal results



Machine train corrections

Machine A: Machine A (static)			
Machine B: Machine B	Vertical:	Horizontal:	Unit:
Foot 1	0.0	-0.5	[mils]
Foot 2	0.0	-0.5	[mils]

Targets

	Vertical:	Horizontal:	Unit:
Coupling 1: Short flex, no targets.			

Thermal growth

	Vertical:	Horizontal:	Unit:
Machine A has no thermal growth:			
Machine B has no thermal growth:			

Tolerances

Coupling 1: Short flex, tolerance type: Table	Value:	Unit:
RPM	1800	
Excellent:		
Gap	3.0	[mils]
Offset	2.0	[mils]
Acceptable:		
Gap	5.0	[mils]
Offset	3.0	[mils]

Soft foot measurements

Value: Value: Unit:

Machine A:

No soft foot values available

Machine B:

Measurement 1

SF Tolerance set to:

Foot 1	0.2	0.2 [mils]
Foot 2	0.2	0.2 [mils]

Soft foot measurements

Machine A : No soft foot values available

Machine B : measured

