

Device owner information

Owner name: Hi-Speed Industrial Service
 Owner address: 7030 Ryburn Drive
 Millington TN 38053

User name: David Shook
 User email: dshook@hsisco.com
 User address:

File info

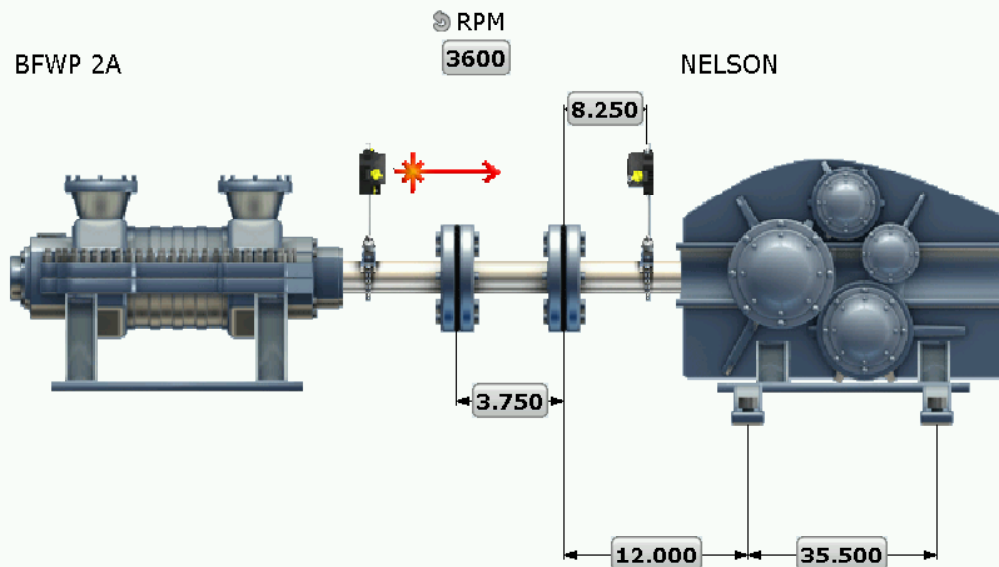
File name: DELL BFWP 2A 4-16-20
 Directory: David Shook
 Created: 04/16/2020, 08:58
 Last modified: 04/20/2020, 09:26
 Last read: 04/16/2020, 09:24
 Created by: David Shook

Machine train description

Item:	Type:	Name:	Support:
Machine A :	Boiler feed pump	BFWP 2A	
Coupling 1 :	Spacer		
Machine B :	Gearbox	NELSON	4 feet

Train overview

Machine A to B :



Machine train dimensions

Machine A : BFWP 2A (static)

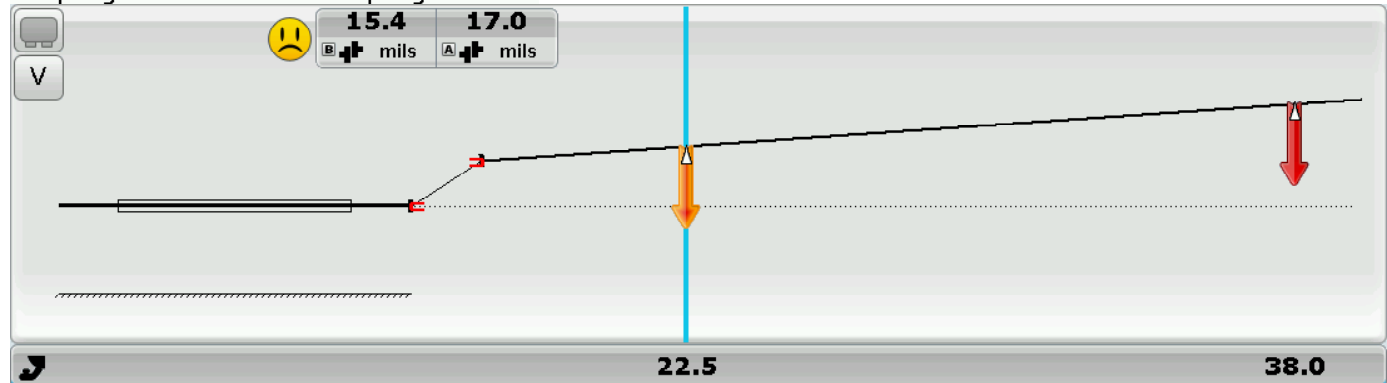
Machine train dimensions

Coupling 1 :			
Spacer length:	3.750	[inch]	
Distance to right machine	12.000	[inch]	
RPM	3600	RPM	
Machine B : NELSON			
Machine length:	47.500	[inch]	
Distance from 1 to 2 Feet:	35.500	[inch]	

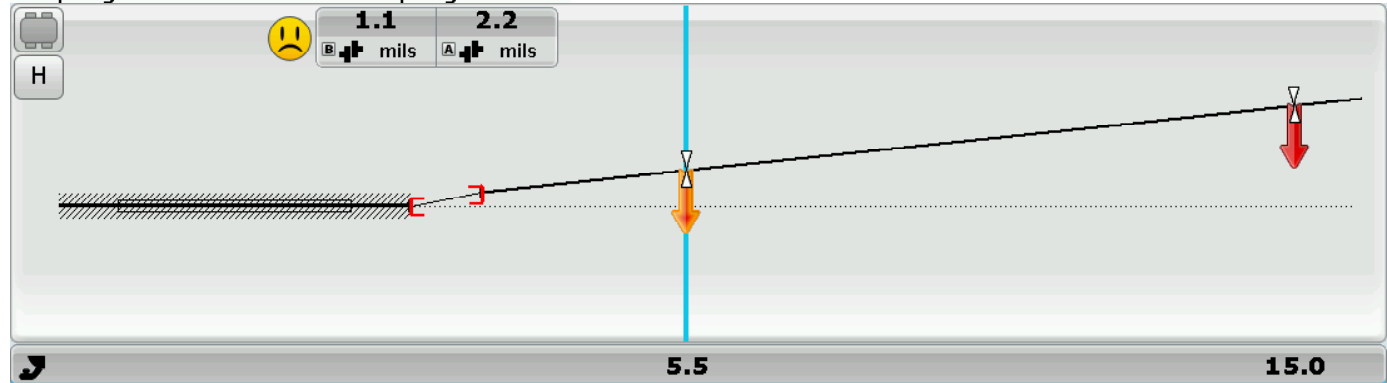
Graphical coupling results

Actual minus specification

Coupling vertical results. Couplings: 1 to 1.



Coupling horizontal results. Couplings: 1 to 1.



Machine train results

Coupling 1 : Results of Sweep Measurement		Actual - specification:	Actual:	Unit:
Vertical:				
Offset B	15.4	7.4		[mils]
Offset A	17.0	9.0		[mils]
Horizontal:				
Offset B	1.1	1.1		[mils]
Offset A	2.2	2.2		[mils]

Machine train corrections

Machine A : BFWP 2A(static)			
Machine B : NELSON	Vertical:	Horizontal:	Unit:
Foot 1	-22.5	-5.5	[mils]

Machine train corrections

Foot 2	-38.0	-15.0	[mils]
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Vibration measurement

Coupling 1 : No vibration measurements.

Thermal growth

	Vertical:	Horizontal:	Unit:
Machine A : BFWP 2A has no thermal growth defined. :			
Machine B : NELSON :			
Feet 1 (entered)	8.0	0.0	[mils]
Feet 2 (entered)	8.0	0.0	[mils]

Targets

	Vertical:	Horizontal:	Unit:
Coupling 1 : Spacer, has no targets.			

Tolerances

	Value:	Unit:
Coupling 1 : Spacer, tolerance type: Table		
Excellent:		
Offset B	1.1	[mils]
Offset A	1.1	[mils]
Acceptable:		
Offset B	1.9	[mils]
Offset A	1.9	[mils]

Measurement history

	Vertical:	Horizontal:	Unit:
Current measurement			
Coupling 1, Offset B/Offset A			
Sweep			
Offset B	7.4	1.1	[mils]
Offset A	9.0	2.2	[mils]

Soft foot measurements

Machine A :	
No soft foot values available	
Machine B :	
No soft foot values available	

Vibration Acceptance Check results

Train description:	
RPM: 3600	
No vibration measurements.	