



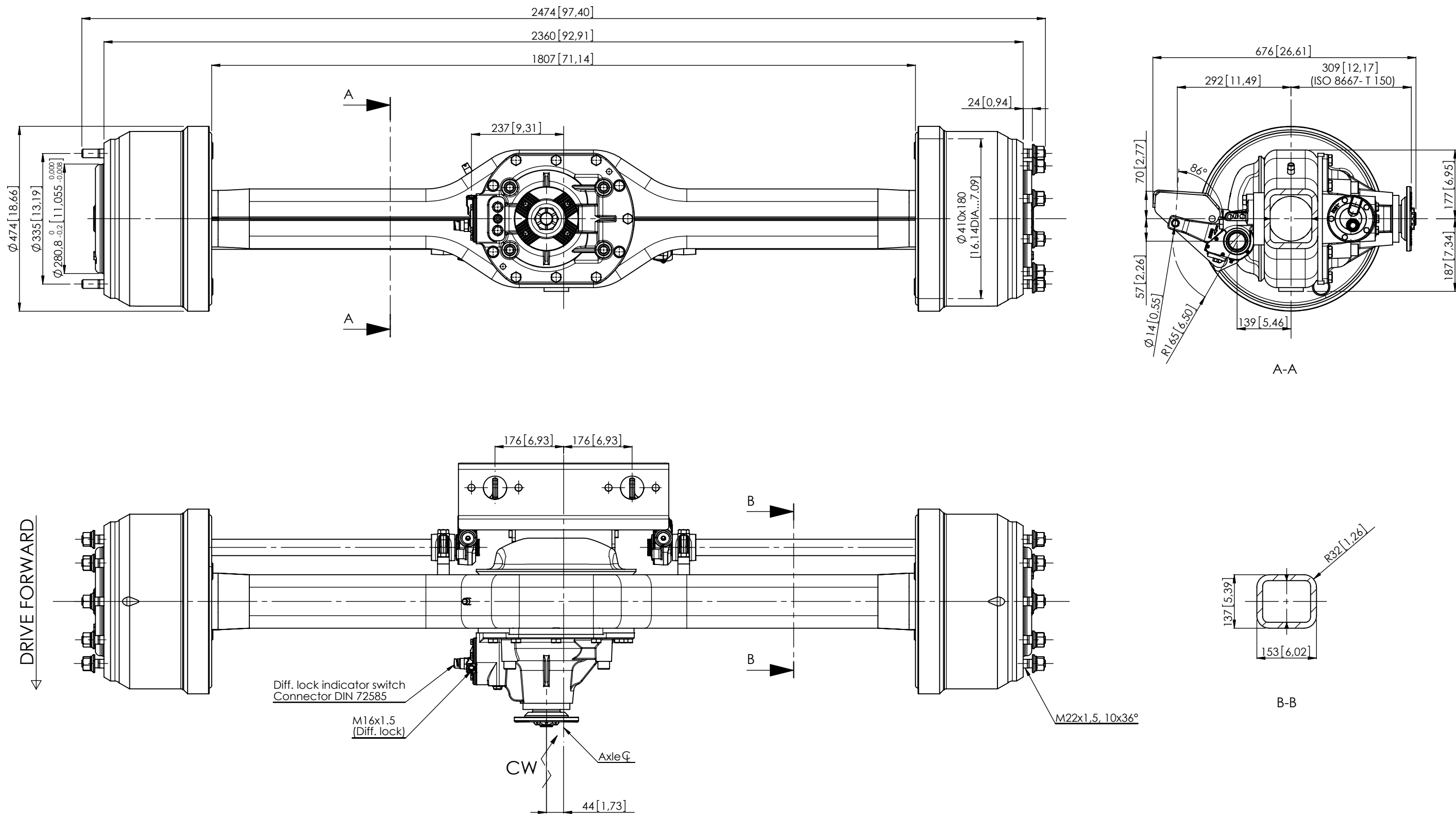
HIGH SPEED, (TRUCK) TANDEM RIGID DRIVE AXLE, FR2P20S

GAWR	20 000 kg [44,000 Lb.]
GCWR	40 000 kg [88,000 Lb.]
Axle Type	Spiral Bevel Center Differential Planetary Wheel End Reduction, 5-planet Carrier
Brakes	
Type	Drum, S-cam
Size	Ø410 mm [16,1 Inch] x 180 mm [7,1 Inch] Width
Slack Adjuster	Automatic, 165 mm [6.5 Inch] Length
Chamber	30 Square Inch
Certification	FMVSS 121
Housing	Fabricated Steel, Cross Section 153 mm [6,0 Inch] Height x 137 mm [5,4 Inch] Width, Center Bowl
Wheel End	10-studs on 335 mm [13,2 inch] BC, 280.8 [11,1 Inch] mm Pilot Diameter. Minimum Wheel Size 20 Inch Single Tire Mounting
Wheel offset (optimal)	Inset 90...165 mm [5.1...6.5 Inch]
Drive Flange	ISO8667-T150, ISO8667-T180 (Input FRMP10S)
Final Drive Ratios	4.63, 5.54, 6.36 and 7.01
Tracks Available (Over wheel mounting faces)	2360 mm [92.9 Inch]
Lubrication	
Type	API GL-5
Capacity (FRDP10S)	Total 13 liters [27 pints]
Capacity (FRMP10S)	Total 18 liters [38 pints]
Weight-Dry	
FRDP10S	660 kg [1,455 Lb.]
FRMP10S	790 kg [1,742 Lb.]

All ratings are nominal. Actual capacities determined based upon review of application data by Sisu Axles Inc.

OPTIONS:	Spring Seats	Wheel Stud Length
	Wheel Nuts	Brake Chambers
	Input / Output Drive flanges	Axle differential lock
	ABS Provision	Slack adjuster type
	CTI Provision	Top Coating

Other options may be available. Contact Sisu Axles sales for more information.



						SISU AXLES		Scale 1:10 DO NOT SCALE DRAWING	Material				Product FRDP10S	
								Drawn JALI	Date 22.5.2007	Approved	Date			
						THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO SISU AXLES INC. IT SHALL NOT BE REPRODUCED, COPIED OR DISCLOSED IN WHOLE OR IN PART, OR USED FOR MANUFACTURE OF FOR OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF SISU AXLES INC.		Dimensions mm	Title Dimension drawing				Weight kg	
									Rigid					
									Drive Drawing n:o M543-037-0049					
A	Modeled and redrawn					NIAH	21.04.2010	JALI	26.05.2010					
REV.	DESCRIPTION					CHANGED	CHANGED DATE	APPROVED	APPROVED DATE					