



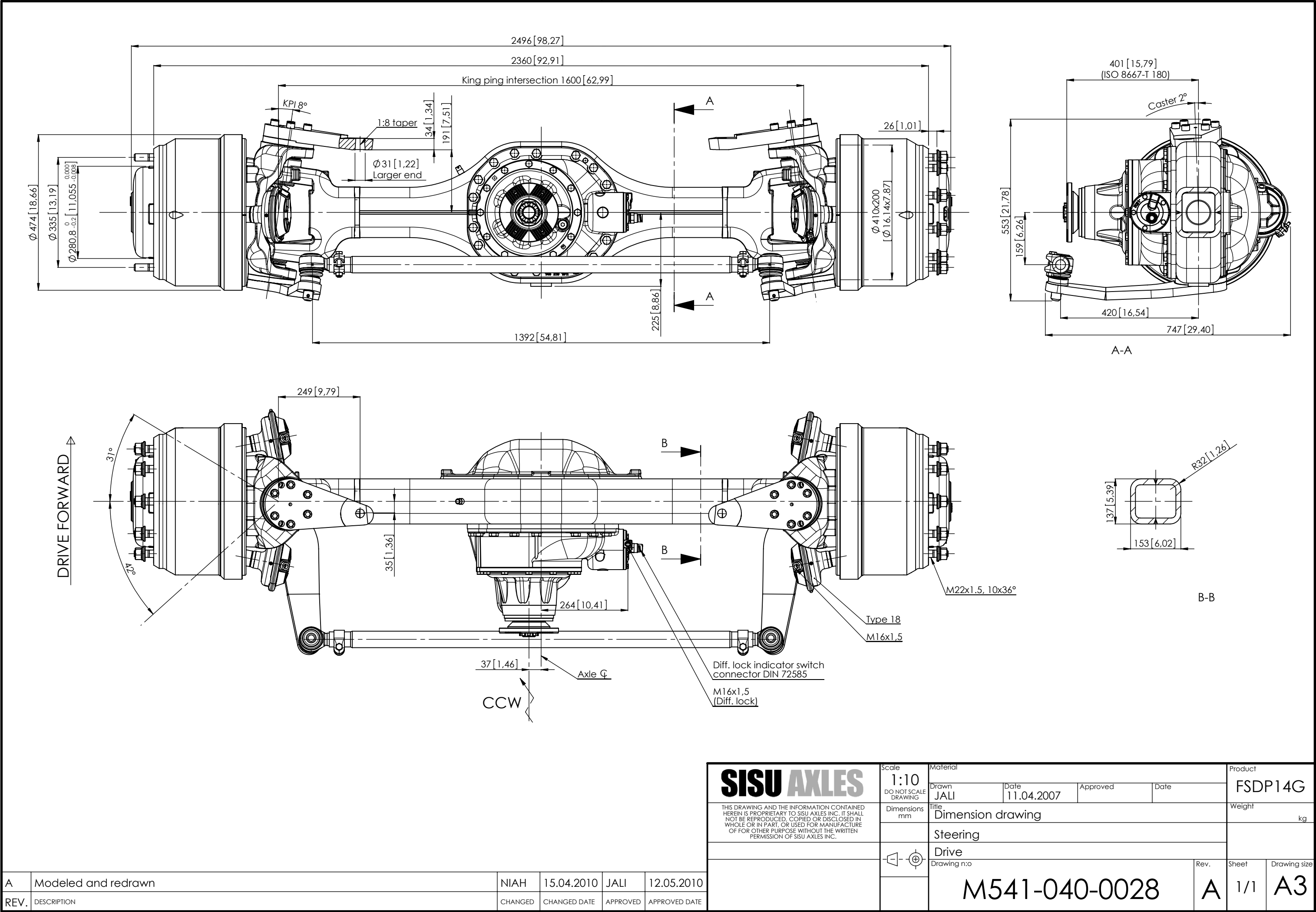
HIGH SPEED, (TRUCK) DRIVE STEER TANDEM AXLE, FS2P28G

GAWR	28 000 kg [62,000 Lb.]
GCWR	150 000 kg [330,000 Lb.]
Axle Type	Spiral Bevel Center Differential Planetary Wheel End Reduction, 5-planet Carrier
Brakes	
Type	Wedge Duplex
Size	Ø410 mm [16,1 Inch] x 200 mm [7,9 Inch]
Chamber	18 Square Inch
Certification	FMVSS 121
Steering	
KPI	8°
Caster	2°
Camber	0°
Turn angle	42°
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 [11,06 Inch] mm Pilot Diameter. Minimum Wheel Size 20 Inch
Wheel offset (optimal)	Inset 130...165 mm [5.1...6.5 Inch]
Drive Flange	ISO8667-T180
Final Drive Ratios	6.36, 7.01 and 8.79
Tracks Available (Over wheel mounting faces)	2360 mm [92.9 Inch] or 2580 mm [101.6 Inch]
Lubrication	
Type	API GL-5
Capacity (FSDP14G)	Total 21 liters [44 pints]
Capacity (FSMP14G)	Total 27 liters [57 pints]
Weight-Dry (for Track 2360 mm)	
FSDP14G	915 kg [2,017 Lb.]
FSMP14G	1025 kg [2,260 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	Steering Arm Configurations
	CTI Provision	Top Coating

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



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						Drawn JALI		Date 11.04.2007		Approved		Date		Weight kg	
						Dimensions mm		Title Dimension drawing							
								Steering							
										Drive					
				Drawing n:o M541-040-0028				Rev. A							
								Drawing size A3							
A	Modeled and redrawn				NIAH	15.04.2010	JALI	12.05.2010							
REV.	DESCRIPTION				CHANGED	CHANGED DATE	APPROVED	APPROVED DATE							

