



HIGH SPEED, (TRUCK) DRIVE STEER TANDEM AXLE, FS2P20S

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
Steering	
KPI	6°
Caster	1.5°
Camber	0°
Turn angle	48°
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 mm [11,06 Inch] Pilot Diameter. Minimum Wheel Size 20 Inch
Wheel offset (optimal)	Inset 90...165 mm [3.5...6.5 Inch]
Drive Flange	ISO8667-T150, ISO8667-T180 (Input FSMP10S)
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 FSDP10S	Total 13 liters [27 pints]
Capacity FSMP10S	Total 18 liters [38 pints]
Weight-Dry	
FSDP10S	740 kg [1,631 Lb.]
FSMP10S	865 kg [1,907 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
	Axle Differential Lock	Input / Output Drive flanges
	ABS Provision	Steering Arm Configurations
	CTI Provision	Top Coating
	Slack Adjuster Type	Caster angle

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

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	Dimensions mm	Drawn JALI	Date 25.4.2007	Approved	Date	Weight kg	
		Title Dimension drawing					
		Steering					
		Drive					
		Drawing n:o			Rev.	Sheet	Drawing size
		M541-018-0032			A	1/1	A3

A	Modeled and redrawn	NIAH	01.04.2010	JALI	26.05.2010
REV.	DESCRIPTION	CHANGED	CHANGED DATE	APPROVED	APPROVED DATE

