



HIGH SPEED, (TRUCK) SOLO RIGID AXLE, FRDP13/16S

GAWR	16 000 kg [35,000 Lb.]
GCWR	75 000 kg [165,000 Lb.]
Axle Type	Spiral Bevel Center Differential Planetary Wheel End Reduction, 5-planet Carrier
Brakes	
Type	Drum, S-cam
Size	Ø410 mm x 210 mm Width
Slack Adjuster	Automatic, 165 mm [6.5 Inch] Length
Chamber	30 Square Inch
Certification	FMVSS 121
Housing	Fabricated Steel, Cross Section 153 mm Height x 137 mm Width, Center Bowl
Wheel End	10-studs on 335 mm BC, 280.8 mm Pilot Diameter Minimum Wheel Size 20 Inch
Wheel offset (Optimal)	Equal Offset on Outer and Inner Wheel
Drive Flange	ISO8667-T180
Final Drive Ratios	3.79, 4.11, 4.29, 4.65, 5.56, 6.36, 7.01, 8.79, 10.55 and 12.52
Tracks Available (Over Wheel Mounting Faces)	1800 mm [70.9 Inch], 1880 mm [74 Inch] 2040 mm [80.3 Inch]
Lubrication	
Type	API GL-5, SAE90, 140, 80W-140, Synthetic Acceptable
Capacity (FRDP)	Total 21 liters [45 pints]
Weight-Dry (for Track 2040 mm)	800 kg [1,764 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	Axle Differential Lock
	Input Drive Flange	Brake Chambers
	ABS Provision	Slack Adjuster Type
	Top Coating	

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

