HIGH SPEED, (TRUCK) TRIDEM RIGID DRIVE AXLE, FR3P61S

GAWR 61 000 kg [134,000 Lb.]
GCWR 200 000 kg [440,000 Lb.]

Axle Type
Spiral Bevel Center Differential
Planetary Wheel End Reduction, 5-planet Carrier
Torque proportional differential 31.8/68.2

Brakes
Type Drum, S-cam
Size Ø410 mm [16.1 Inch] x 210 mm [8.3 Inch] Width
Slack Adjuster Automatic, 180 mm [7 Inch] Length
Chamber 30 Square Inch

Housing
Fabricated Steel, Cross Section 210 mm [8.3 Inch] Height x 152 mm [6.0 Inch] Width, Center Bowl

Wheel End

Wheel offset (Optimal)
Equal Offset on Outer and Inner Wheel

Drive Flange
ISO8667-T180

Final Drive Ratios
4.65, 5.56, 6.36, 7.01 and 8.79

Tracks Available (Over Wheel Mounting Faces)
1800 mm [70.9 Inch], 2040 mm [80.3 Inch]

Lubrication
Type API GL-5
Capacity (FRDP) Total 23 liters [49 pints]
Capacity (FRMP) Total 27 liters [57 pints]
Capacity (FRFP) Total 27 liters [57 pints]

Weight-Dry (for Track 2040 mm)
FRDP 985 kg [2,172 Lb.]
FRMP 1089 kg [2,401 Lb.]
FRFP 1109 kg [2,445 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
Top Coating Oil Lubrication pump

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

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