

axle specifications

BRAKES

Air operated 420 x 180mm "S" cam brakes. One piece spider bolted to collar on axle, bushed and dust-proofed. Fully machined heat-treated camshafts rotating in self aligning spherical bearings.

TRACK AND MASS

Standard Track (Round & Square) 1830mm
 Also available in: (Square) 1930mm
 (Round) 1910mm

and any track length thereafter

BRAKE LININGS

4515 CAM & ANCHOR

Max Thickness: 17mm
 Min Thickness: 12.5mm
 Nominal Thickness: 14.7mm

WHEEL BEARINGS

Type: **518445/10** Taper Roller
 Size: OD-152.4mm, ID-88.9mm, Width-40mm
 Static Capacity: 20 600 kg
 Dynamic Capacity: 23 000 kg
 Bearing Spacing back to back: 115mm

BRAKE DATA

Max Torque:(input) 1333 Nm
 (output): 1800 Nm
 Input/Output Ratio: 13.5%

AXLE BEAM

Drawn Tube (125mm) 127 mm diameter
 Wall Thickness 17.5mm
 Carbon Manganese Steel TIM6V
 • 105 / 112 Square

OIL SEAL

GREEN METAL SEAL

HUBS

Cast in SG 42
 Hub Wall Thickness 26mm
 Tensile strength (min) 410 Mpa

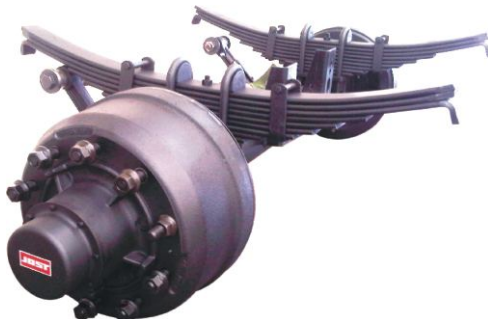
BRAKE DRUMS

Material GA 250 + 5% CU
 Tensile Strength (min) 250 MPa
 Internal Diameter 420mm

STUDS

Standard 10 Bolt M22 x 1.5mm pitch studs of EN 19 heat treated. Positive Locking on machine shoulder.

GREEN METAL OIL SEAL - GP SUPER X GREASE



CUSTOM AXLES

AXLES