

SAF CBX SERIES
SELF STEERING AXLE SYSTEM



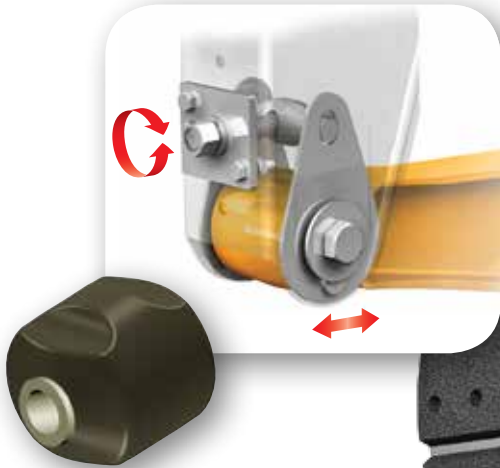
NEW LIGHTWEIGHT COMPACT
DESIGN UP TO 11,340 KG

SAF CBX SERIES SELF STEERING

**11,340 kg
CAPACITY**

SWING ALIGN™

The industry's fastest, most convenient and least expensive axle alignment system. Requires no replacement parts or disassembly. Axle alignment is achieved by direct adjustment of the lead screw, requiring less than 340Nm of torque.

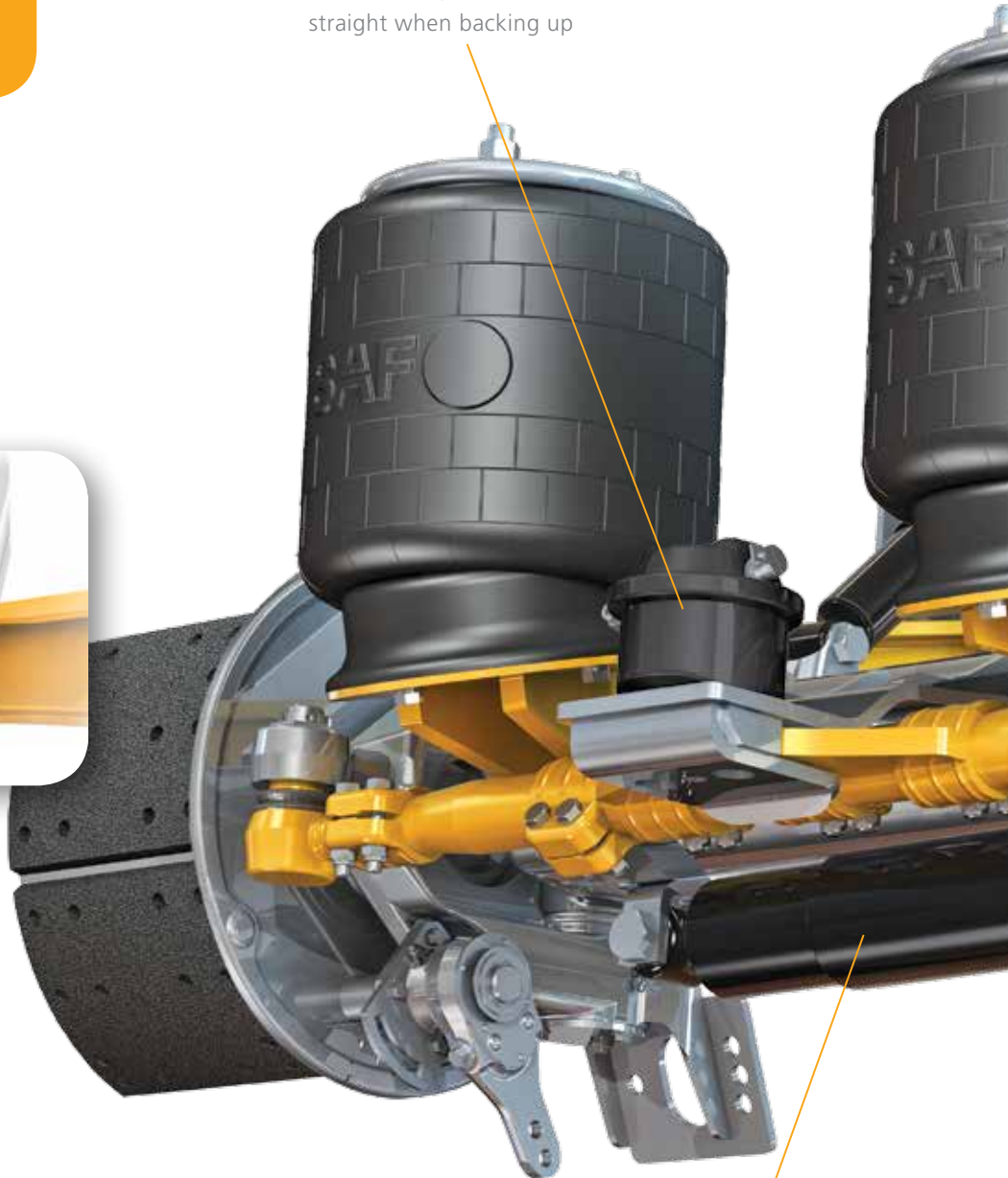


MULTI-FUNCTIONAL PIVOT BUSHING

The more robust bushing with its exterior void design limits the twisting movement that could lead to premature bushing and tire wear.

AIR ACTIVATED BACKUP LOCK

Automatically holds wheels straight when backing up



DOUBLE ACTING SELF CENTERING - STEER DAMPER

The combination of offset steering knuckle and special-steering damper eliminates flutter movements and provides exceptional tracking.

SAF Self Steering Axles permit immediate reaction to side thrust when cornering and allows the whole rig to steer through the turn.

- Reduced Rolling Resistance
- Less Frame and Suspension Damage
- Reduced Maintenance
- Improved Fuel Economy
- Reduced Tire Wear
- Greater Maneuverability

G AXLE SUSPENSION SYSTEM

HEAVY DUTY STEERING ARM

Robust design for improved durability. Precisely machined to adapt to standard heavy-duty tie rod end.

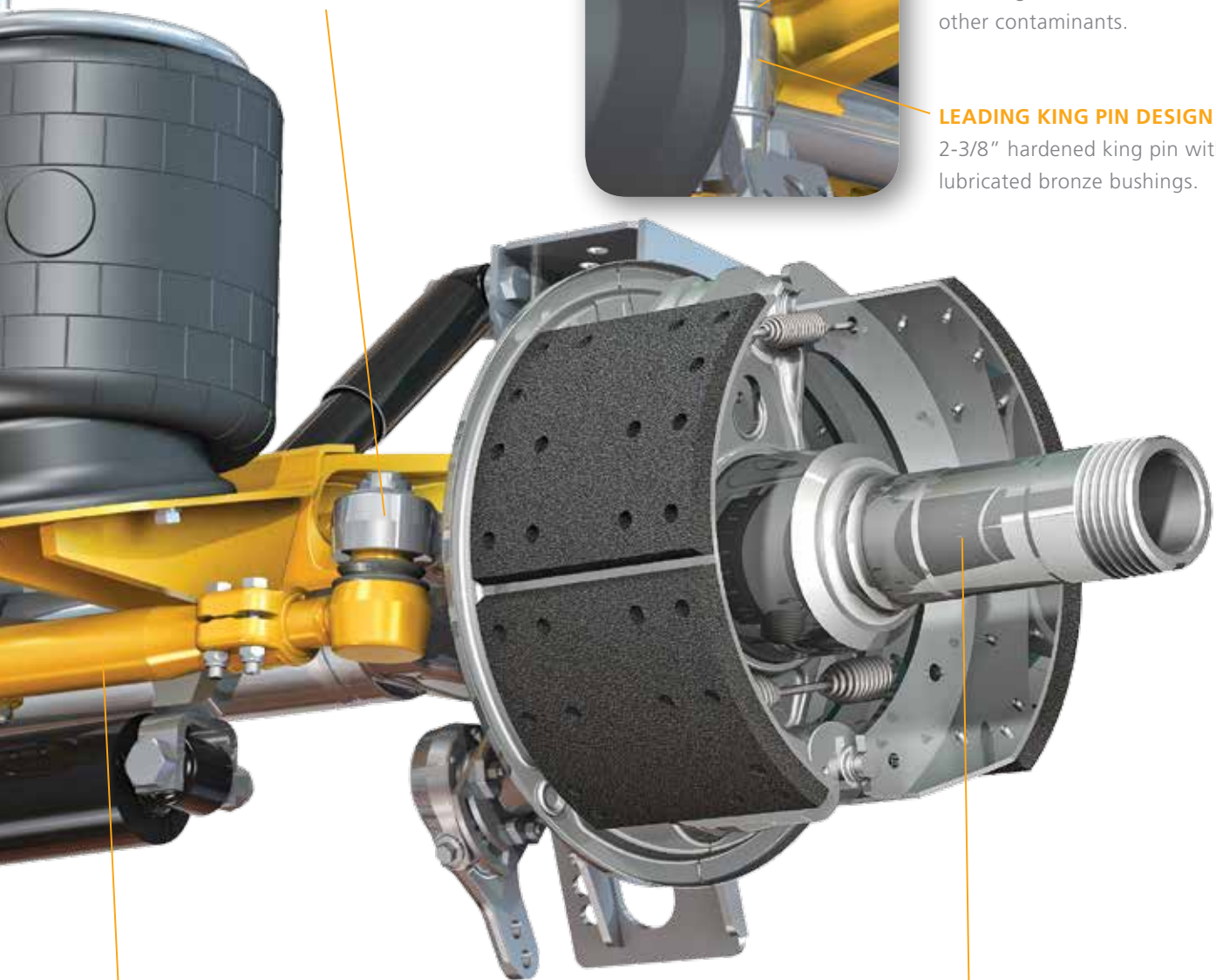


THRUST WASHERS

Double set of thrust washers – one on either face of pivot arm. Completely sealed against dust, dirt, moisture and other contaminants.

LEADING KING PIN DESIGN

2-3/8" hardened king pin with lubricated bronze bushings.



TIE ROD

One piece with adjustable tapered ends – allows for length adjustment (toe-in) and centering.

DRUM BRAKE AXLE IS STANDARD EQUIPMENT

The SAF CBX SSA configuration features a SAF X-Series 146 mm diameter axle with 419 mm x 203 mm extended life brake linings and industry standard parallel spindles.



POSILIFT™

OPTIONAL LIFT AXLE SYSTEM

Light, durable and easy to install, SAF's PosiLift Axle Lift System allows operators to easily increase payload with just the flip of a switch. In addition to increased payload capacity, liftable axles also provide an opportunity to extend tire life, improve operational versatility and fuel efficiency, as well as enhancing trailer maneuverability.

POSILIFT™ FEATURES

- Simple Under Axle Lift
- Easy to Install or Retrofit



OPTIONAL SAF INTEGRAL™ DISC BRAKES

The SAF INTEGRAL™ disc brake option is the lightest-weight design on the market today – provides reduced stopping distances while significantly lowering service costs and downtime with a Bi-Metallic rotor and maintenance free hub and bearing assembly.

SPECIFICATIONS

CBX25 WITH SAF SELF STEERING AXLE

FEATURES	STANDARD	OPTIONS
Ride Heights	356 - 432 mm	Upon Request
SwingAlign™	•	
Steer Angle	20°	25° - 30°
Axle Track	1942mm	*
Air Springs with 9,5 mm Ports	•	
PosiLift™ Axle System		•

STANDARD DRUM BRAKE AXLE PACKAGE

Axle Diameter	146 mm	NA
Spindle	Parallel	
Drum Brake	419 x 203	NA
Dust Shields	•	
Fully Dressed with ASB Sensors		•

OPTIONAL INTEGRAL™ DISC BRAKE

Axle Diameter	146 mm	NA
Dust Shields	•	
Fully Dressed with ABS Sensors		•

* Other axle tracks available upon request.



**VARIOUS AXLE TRACKS AVAILABLE FOR DUAL
AND SUPER SINGLE APPLICATIONS.**



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SUSPENSION SYSTEMS**



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TECHNOLOGIES**



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