


BRAKE CHAMBER CATALOG



ROAD CHOICE



We are committed to keeping trucks on the road and moving forward by providing quality parts to all who repair heavy-duty vehicles.

CONFIDENCE.
COVERAGE.
COMMITMENT.

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**Parts that keep you moving.
Quality that keeps you coming back.**

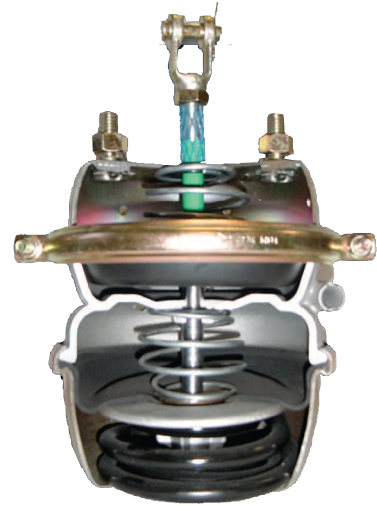
ROAD CHOICE® BRAKE CHAMBERS

DURABLE MAIN POWER SPRING:

- Produced from high-quality chrome-silicon steel wire
- Polymer coated for 400 hours of protection

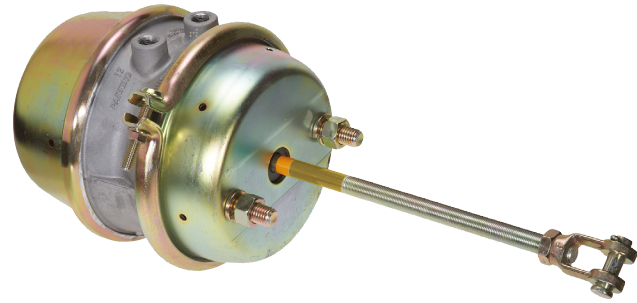
PROVEN AND TESTED DIAPHRAGMS:

- Tested for 1 million cycles
- High- and low-temperature tested
- Rubber-to-fabric adhesion tested
- Rubber abrasion tested



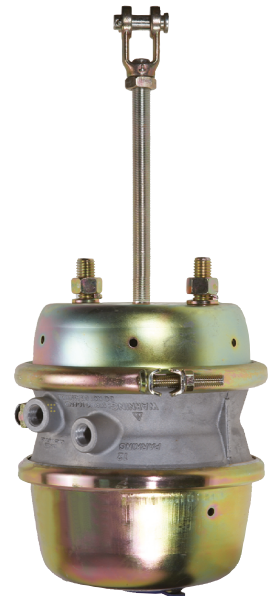
ALUMINUM PARKING PRESSURE PLATE:

- Ensures proper engagement of manual caging bolt for safe handling
- Centers spring for consistent operation
- Provides positive stop to reduce coil contact
- Maintains performance over time and reduces force output sag loss
- Less susceptible to corrosion and diaphragm abrasion



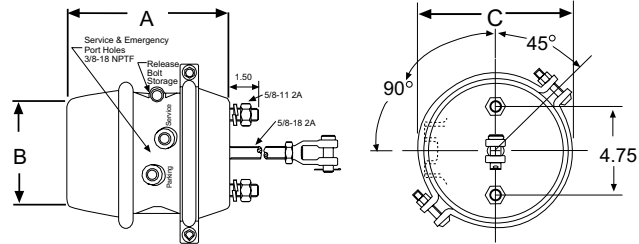
STEEL INTERNAL ROD AND ADVANCED SLOTTED CENTER SEAL DESIGN:

- Slotted center seal design improves alignment of moving parts and improves the robustness of this critical area
- Internal rod is treated and precision ground to provide lasting seal life
- Grade 8 counter-sunk push plate screws provide a positive resistance to loosening



ROAD CHOICE® BRAKE CHAMBERS

TANDEM/COMBO CHAMBERS AND SPRING BRAKES



SIZE	MODEL*	WEIGHT	STROKE	DIM "A"	DIM "B"	DIM "C"	PART # W/O CLEVIS
3030	PS	20.10 lbs.	2.50"	9.5"	5.7"	8.3"	SB3030STD
3030	TRX - 12" Push Rod	20.10 lbs.	2.50"	9.5"	5.7"	8.3"	SB3030TRX
3030	PS-ELS	20.50 lbs.	3.00"	10.31"	5.7"	8.3"	SB3030LS
2430	PS	18.8 lbs.	2.50"	9.1"	5.7"	7.5"/8.3"	SB2430STD

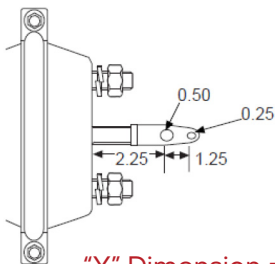
CLEVIS KIT

CLEVIS TYPE	DIM "A" END TO PIN	DIM "B" SLOT WIDTH	DIM "C" PIN DIAMETER	DIM "D" THREAD SIZE	PART NUMBER
Forged	1 - 3/4"	9/16"	1/2"	5/8" - 18	CK58



DOUBLE PIN WELDED YOKE

SIZE	MODEL*	WEIGHT	STROKE	DIM "A"	DIM "B"	DIM "C"	PART NUMBER
3030	PS-ELS Welded Clevis	20.6 lbs.	3.00"	10.31"	5.7"	8.3"	SB3030LSW



"Y" Dimension = 2.25"

* LS: Long Stroke, ELS: Extended Long Stroke, PS: Permanent Seal, TRX: Intraax

ROAD CHOICE® BRAKE CHAMBERS

PIGGYBACK REPLACEMENTS

KIT INCLUDES:

- Piggyback
- Diaphragm
- Clamp Assembly



SIZE	MODEL*	PIGGYBACK KIT #
3030	PS	PB3030K
3030	PS-ELS	PB3030LSK
2430	PB	PB2430STD

LOW PROFILE DESIGN:

- Lower center of gravity and reduced weight mean less stress on mounting studs and axle brackets
- Slimmer rear profile provides less possibility for interference

SERVICE CHAMBERS

Service chambers designed for heavy-duty operation and long life:

- Service pushrods - made from high strength steel - will not bend.
Rod weld is capable of withstanding 45-degree bend test.
- Pushrod plate is thick enough to last one million cycles
- Return spring is pre-galvanized music wire



SIZE	MODEL	WEIGHT	STROKE	DIM "A"	DIM "B"	DIM "C"	PART # W/O CLEVIS
20	SC	7.76 lbs.	2.50"	3.8"	4.9"	7"	SC20
24	SC	8.38 lbs.	2.50"	4"	4.9"	7.5"	SC24
24	SC-ELS	8.7 lbs.	3.00"	4.4"	4.9"	7.5"	SC24LS
30	SC	10 lbs.	2.50"	4.1"	5.5"	8.3"	SC30
30	SC-ELS	10.05 lbs.	3.00"	4.4"	5.5"	8.2"	SC30LS

ALL ROAD CHOICE BRAKE CHAMBERS FEATURE A THREE-YEAR, 300,000-MILE WARRANTY FOR GENERAL OVER-THE-HIGHWAY USE.

See Road Choice warranty policy for details.

* ELS: Extended Long Stroke, PB: Piggyback, PS: Permanent Seal, SC: Service Chamber



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