

NEW GENERATION OF TRISTOP™D ACTUATORS FOR DRUM BRAKES IN TRAILERS

WABCO is introducing a new generation of double diaphragm spring brake actuators for drum brakes in trailer applications.

The design of the new range is based on more than 15 years of WABCO engineering experience, combining robustness with state-of-the-art technology to meet customer needs.

The new models will permit a 1:1 replacement of the current type 24/30 and 30/30 portfolio. TUV certificates will remain valid for the corresponding new model.

BENEFITS

- Fit in wide range of applications due to extremely compact design supported by barrel-shaped power spring
- Internal Breathing Valve (IBV) technology provides clean and dry air protection against aggressive environmental conditions extending the lifetime of the device
- Robust look and feel and high corrosion resistance for longer life time and lower total cost of ownership



TRISTOP™D Actuator for Drum Brakes

FEATURES

- Service pressure up to 10 bar / 145 psi
- Stroke length up to 75 mm / 3.0 in
- Coil clash-free power spring

In addition to the variants featuring IBV technology, WABCO offers two universal double diaphragm spring brake actuators with open hole technology. These types of 24/30 and 30/30 75 mm stroke actuators feature an extra-long push-rod to allow installation in a wide range of applications. The pre-mounted yoke ensures that the brake actuator can be directly mounted on the trailer and directly connected to the slack adjuster.

To ensure a consistent approach throughout the entire range, WABCO is also planning to release type 20/30 models, both with open hole and IBV technology in the new design during the 2nd half of 2017.

TRISTOP™D – DOUBLE DIAPHRAGM SPRING BRAKE ACTUATORS WITH IBV

WABCO Product number	Replacement for	Type	Stroke	Length (mm) Push rod (M16×1.5)	Yoke	Length (mm) Push rod (M16×1.5) incl. yoke	Length (mm) Cylinder	Length (mm) Cylinder incl. release bolt	Diameter (mm)	Release pressure (bar)	Max. operating pressure (Service brake / spring brake)
925 376 121 0	925 376 100 0 925 376 104 0	24/30	75/75	213	w/o	-	262	363	206.5	4.8	10.2/8.5 bar
925 376 122 0	925 376 101 0	24/30	75/75	213	w/o	-	262	363	206.5	4.8	10.2/8.5 bar
925 376 123 0	925 376 103 0	24/30	75/75	134	w	190	262	363	206.5	4.8	10.2/8.5 bar
925 376 124 0	925 376 106 0	24/30	75/75	208	w	264	262	363	206.5	4.8	10.2/8.5 bar
925 376 125 0	925 376 107 0	24/30	75/75	64	w	120	262	363	206.5	4.8	10.2/8.5 bar

WABCO Product number	Replacement for	Type	Stroke	Length (mm) Push rod (M16x1.5)	Yoke	Length (mm) Push rod (M16x1.5) incl. yoke	Length (mm) Cylinder	Length (mm) Cylinder incl. release bolt	Diameter (mm)	Release pressure (bar)	Max. operating pressure (Service brake / spring brake)
925 376 126 0	925 376 110 0	24/30	75/75	171	w	227	262	363	206.5	4.8	10.2/8.5 bar
925 376 201 0	925 376 200 0	24/30	64/64	224	w/o	-	239	340	206.5	4.8	10.2/8.5 bar
925 377 121 0	925 377 100 0 925 377 101 0	30/30	75/75	212	w/o	-	262	363	206.5	4.8	10.2/8.5 bar
925 377 125 0	925 377 102 0	30/30	75/75	212	w/o	-	262	363	206.5	4.8	10.2/8.5 bar
925 377 122 0	925 377 103 0	30/30	75/75	212	w	268	262	363	206.5	4.8	10.2/8.5 bar
925 377 123 0	925 377 105 0	30/30	75/75	212	w	268	262	363	206.5	4.8	10.2/8.5 bar
925 377 124 0	925 377 106 0	30/30	75/75	171	w	227	262	363	206.5	4.8	10.2/8.5 bar
925 377 201 0	925 377 200 0	30/30	64/64	225	w/o	-	239	340	206.5	4.8	10.2/8.5 bar

TRISTOP™D – UNIVERSAL DOUBLE DIAPHRAGM SPRING BRAKE ACTUATORS (OH)

WABCO Product number	Replacement for	Type	Stroke	Length (mm) Push rod (M16x1.5)	Yoke	Length (mm) Push rod (M16x1.5) incl. yoke	Length (mm) Cylinder	Length (mm) Cylinder incl. release bolt	Diameter (mm)	Release pressure (bar)	Max. operating pressure (Service brake / spring brake)
925 376 112 0	925 376 106 0	24/30	75/75	223	w	279	262	363	206.5	4.8	10.2/8.5 bar
925 377 110 0	925 377 100 0	30/30	75/75	232	w	288	262	363	206.5	4.8	10.2/8.5 bar

Information on WABCO products can be found in our [INFORM](http://inform.wabco-auto.com) product catalogue (inform.wabco-auto.com) by entering the product number in the "Product Number" search field.

Please contact your [WABCO partner](http://www.wabco-auto.com/findwabco) for further information (www.wabco-auto.com/findwabco).