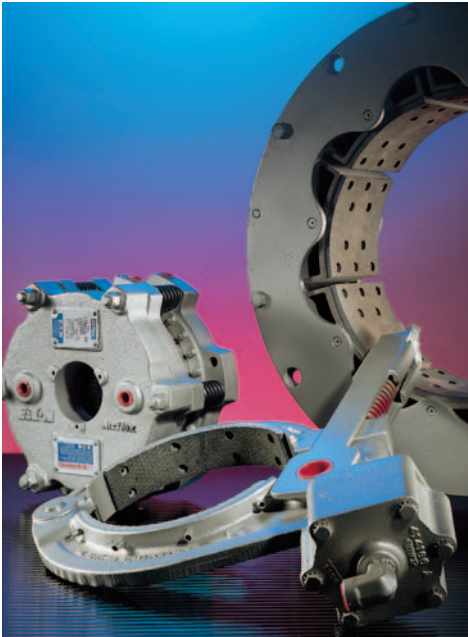




PNEUMATIC & HYDRAULIC CLUTCHES & BRAKES



Airflex 11.5VC element, with 109 DC element and 9CSA 200 spring applied drum brake.

EATON AIRFLEX

Pneumatic drum type clutches and brakes of both constricting and expanding designs including:

- CB constricting series for general power transmission service. Drum diameter up to 1143mm (45.0") with torque capacity up to 137890Nm.
- VC heavy duty constricting series for severe clutching and braking applications. Drum diameters from 292mm (11.0") to 1676mm (66.0") with torque capacities up to 1,687,470Nm.
- E, VE, EB and ER expanding series. Internal drum diameters up to 610mm (24.0") with torque capacities up to 406800Nm.
- CS and CTE series spring applied brakes of compact design for moderate speed high torque applications. Drum diameters up to 610mm (24.0") with torque capacities up to 11,130Nm.

Pneumatic disc type clutches and brakes with high torque and heat dissipation characteristics with low inertia discs for high speed cyclic applications.

- DC clutches and brakes in single or multi disc designs. Disc diameters from 229mm (9.0") to 965mm (38.0") with dynamic torque capacities up to 252,900Nm at 8.3 bar.
- DBB Spring applied brakes, pressure released. Single or multi disc designs. Disc diameters from 229mm (9.0") to 965mm (38.0") with standard dynamic torque capacities up to 372,586Nm.

N.B also available for use with mineral based hydraulic fluids.



Airflex CBC clutch/brake combination.

- CBC clutch/brake combination consists of an air activated disc clutch and a spring applied disc brake. The compact design combined with high thermal capacity and low air consumption makes this design ideal for high speed, high cyclic, heavy duty industrial applications. Disc diameter from 127mm (5") to 1830mm (72") with spring applied dynamic brake torque up to 59541Nm and static air applied clutch torque up to 128799Nm
- WCB clutches and brakes in single or multi disc versions designed specifically for continuous slip service. Disc diameters from 212mm (8.0") to 1220mm (48.0") with dynamic torque capacities up to 310,030Nm at 5.5 bar. Up to 3878Kw continuous heat dissipation capacity.
- WCS Spring applied brakes in single or multidisc versions designed to be used as both a heavy duty tensioning brake and a spring set parking brake. Disc diameter from 212mm (8") to 1220mm (48.0") with dynamic torque capacities up to 319,507Nm at 5.5 bar release pressure.
- CH heavy duty multi disc units are designed for either air or hydraulic actuation. They are suitable for wet or dry operation. When operating in oil, the sintered bronze friction material delivers a low static to dynamic torque ratio for smooth acceleration and high energy performance. Torque capacities up to 117,200Nm.



PNEUMATIC & HYDRAULIC CLUTCHES & BRAKES



Airflex CB elements and rotorseals.

ROTORSEALS AND QUICK RELEASE VALVES

- Rotorseals allow passage of air and pressurised fluid from a stationary inlet to a rotating shaft end. Single, dual and triple passage rotorseals are available in a variety of sizes to meet most flow requirements.
- Quick release valves provide rapid evacuation of air from pneumatic devices. Standard sizes available from 3/8" to 1" N.P.T.

TO VIEW THE AIRFLEX WEBSITE [CLICK HERE](#)