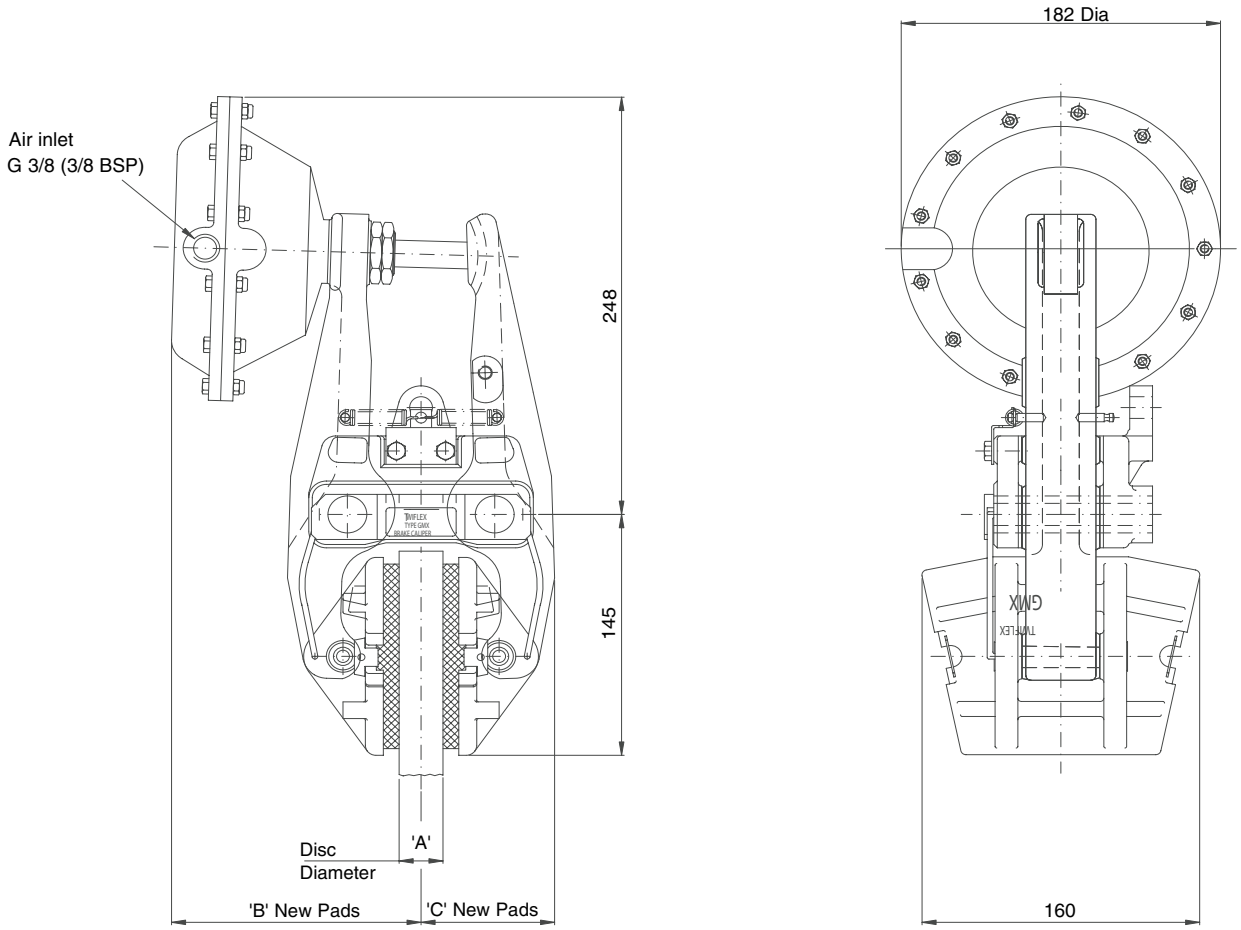
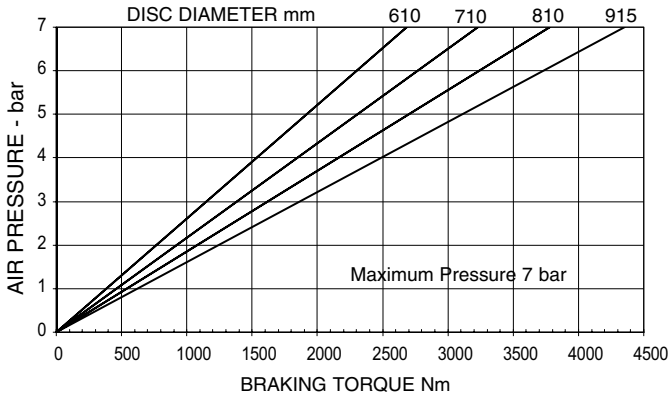
GMXB Disc Brake Caliper - Pneumatically applied Spring released

Nominal diamemsions given
For caliper dimensions see DS2600

DS2602





	Dimensions in mm		
Caliper	**A**	**B**	**C**
GMXB 25	25	179.5	76
GMXB 30	30	181	77.5
GMXB 40	40	184.5	81

Weight (caliper and thruster) - 11.28kg
(thruster only) - 2.06kg
Volume displacement of thruster at full stroke is 426ml.

Maximum Braking Force = 11kN @7 bar

The ratings shown on the above graph are based on fully bedded and conditioned brake pads with nominal friction coefficient μ= 0.4.

For bedding-in and conditioning procedures see Publication M1060.

Braking Force is defined as the Tangential Force acting on the brake disc at the Effective Disc Radius.
Braking Torque (Nm) = Braking Force (N) x Effective Disc Radius (m) where Effective Disc Radius = Actual Disc Radius - 0.06.

Twiflex Disc Brakes must be used with Twiflex asbestos free brake pads.The use of any other brake pads will invalidate the warranty.

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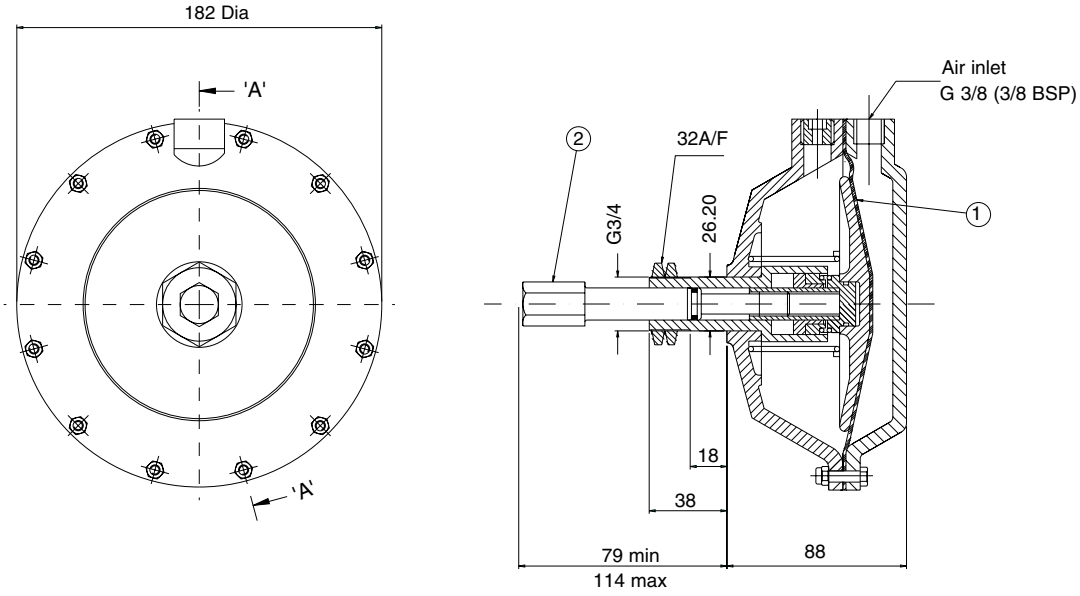


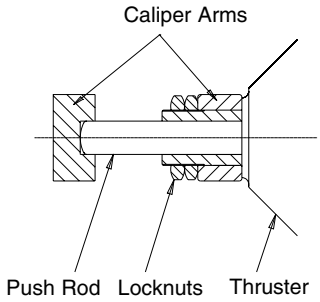
Thruster part number 72000677

AVAILABLE SPARES		
Item	**Component**	**Part No.**
1	Diaphr agm Kit	7902871
2	Piston Rod Assembly	7902872

This range of pneumatically operated brakes uses dry and filtered compressed air at pressures up to 7 bar Pneumatic brakes require a control valve which may be operated either manually, or by pneumatic or electrical signal. Should it become necessary to replace a diaphragm, ensure air supply is disconnected, remove the M5 fixing screws and the rear cap of the thruster. Remove the worn diaphragm; clean-up the contacting surfaces and re-assemble with the new diaphragm and fixing screws in position.

Thruster Fitment

1. Offer thruster to caliper makinging sure that both lock nuts are removed before placing push rod through caliper arm.
2. Fit lock nuts over the push rod and locate it's end within the slot of the arm
3. Tighten one lock nut to 50-60 Nm then tighten the second nut against the first



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