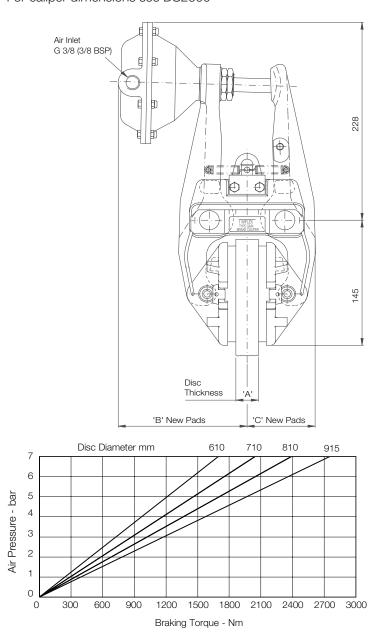
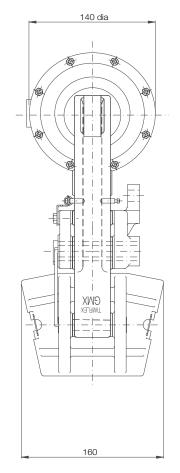


DS2602

GMXB Disc Brake Caliper - Pneumatically Applied, Spring Released

Nominal Dimensions given For caliper dimensions see DS2600





	Dimensions in mm		
Caliper	Α	В	С
GMX 25	25.4	148.5	76
GMX 30	30	150	77.5
GMX 40	40	153.5	81

Weight (caliper and thruster) - 11.28kg (thruster only) - 2.06kg Volume displacement of thruster at full stroke is 426ml. Maximum pressure 7 bar Maximum Braking Force - 6.9kN @ 7 bar

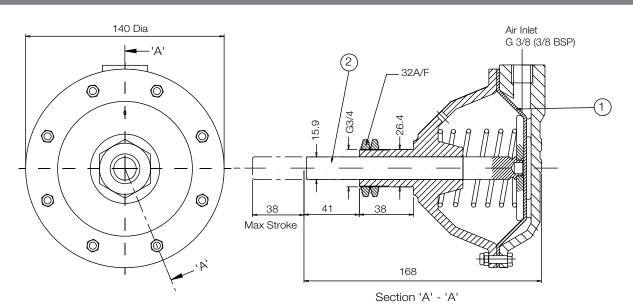
The ratings shown on the above graph are based on fully bedded and conditioned brake pads with nominal friction coefficient μ =0.4.

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. Twiflex Limted reserves the right to modify or change the design without prior notice.

GMXB Disc Brake Caliper - Pneumatically Applied, Spring Released



This range of pneumatically operated brakes uses dry and filtered compressed air at pressures up of 7 bar. Pneumatic brakes require a control valve which may be operated either manually, or by pneumatic or electrical signal.

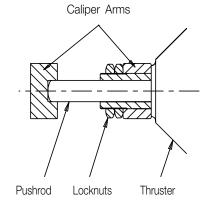
Should it become necessary to replace a diaphragm, ensure air supply is disconnected, remove the M5 botls and the rear cap of the thruster. Remove the worn diaphragm; clean-up the contacting surfaces and re-assemble with the new diaphragm and botls in position. (Tightening Torque 5.7Nm)

Thruster Fitment

- 1. Offer thruster to caliper making 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 other arm.
- 3. Tighten one lock nut to 50-60 Nm then tighten the second nut against the first.

Thruster Part Number 7200829

Available Spares			
Item	Component	Part No.	
1	Diaphragm Kit	7902803	
2	Piston Rod Assembly	7200803	





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