

# DBF DISC BRAKES CALIPER air applied spring released

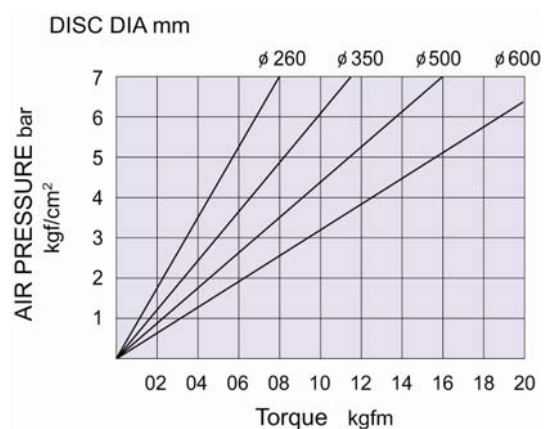
**NIIKA®**

The **DBF** series disk brake is actuated by the pneumatic pressure.  
 The **DBF** series disk brake is very compact in size, and easy mounting.  
 The **DBF** series disk brake has a very simple structure. Stroke adjustment and retraction of the piston utilize the flexibility of the seal.  
 The **DBF** series disk can be actuated quickly due to the small air volume and can stand high usage.  
**Braking force** can be controlled smoothly by changing the pressure.  
 The **DBF** series disk brake can be easily installed to existing machine.  
 The **DBF** series disk brake is suitable for all thickness of the disc by changing the special spacer.



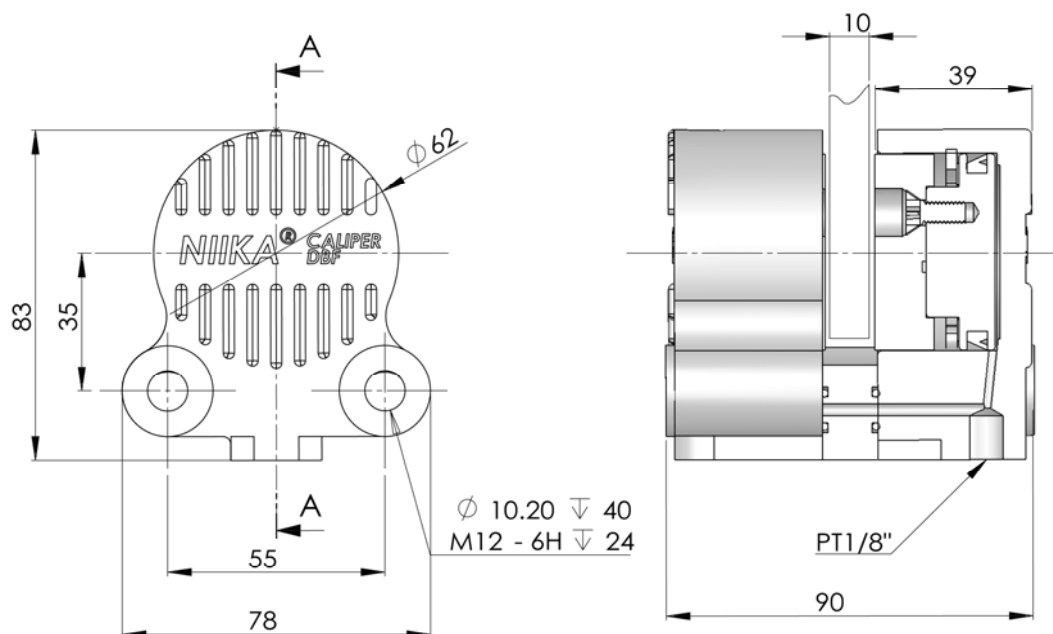
Size	DBF 10
Maximum air pressure	7 kg/cm <sup>2</sup>
Braking force 5 kg/cm <sup>2</sup> $\mu=0.33$	64 kgf
Areas of cylinders	19.63 cm <sup>2</sup>
Disc O. D. mm	220↑
Disc thickness	10 mm
Unit Weight	2 kg

## ● Torque versus Pressure



Standard DBF for disc thickness 10 mm but can modify to suit disc thickness up to 15MM.

## APPROXIMATE DIMENSION



Warning : The initial torque on new units can be 30% to 50% less then the catalogue value until the friction facing and friction disc are lapped or worn in.  
 NIIKA Limited reserves the right to modify or change the design without prior notice.