

# PNEUMATIC BRAKE

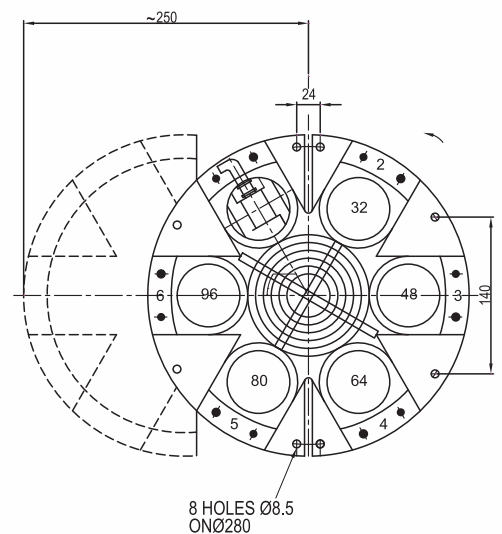
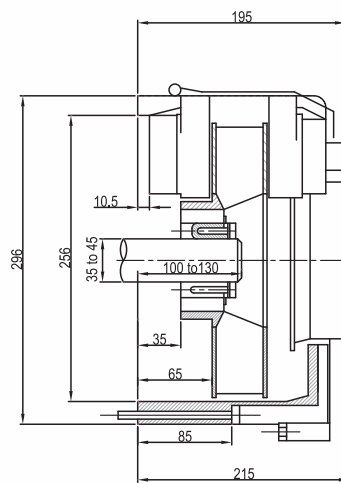
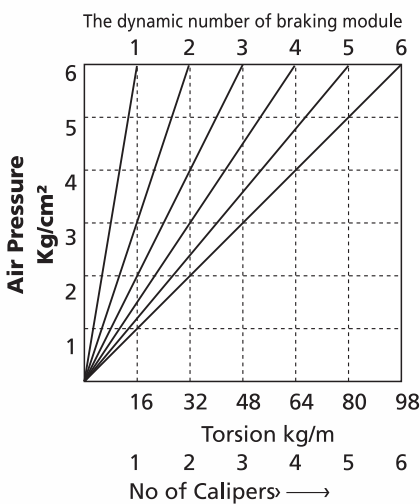
## MAIN ADVANTAGES

- Bidirectional turbine on the braking element.
- Special hole pattern on the housing to enhance the ventilation & air cooling.
- Additional electric fan further enhances the thermal power dissipation.
- Maximum heat transfer
- Longer life of linings.
- High quality friction pads ensure a constant controllable torque.
- Highly reliable design.
- Modular design for wide range selection.



## FITTING DETAILS

Torque versus Pressure



## SPECIFICATION AX 250.0.0.0

- Slipping Torque for each caliper (kgm)
- Heat Dissipation KW

Friction Coeff.	Min 0.2 atm	Max 6 atm		Friction Coeff.	Min 0.2 atm	Max 6 atm
Standard	0.15	16	Min / Rpm	100	300	1000
Low Coeff.	0.075	5	With Fan	3.5	4.4	8.9
Max Rpm	Weight	Inertia				
2500	~22 Kg	i=0.058 kgm <sup>2</sup>				

## CODE FOR THE SELECTION

AX 250 . 0 . 35 . 0 .

0=Coefficient 0.35  
1 LC=low coefficient 0.20

It is possible to order calipers with standard and / or low coefficient  
Code: AX 250 . 2 . 35 . 1LCV . 250 . 50

1 caliper low coefficient (0,2)  
2 Number of pads

## APPLICATION

- Printing
- Wires
- Plastic
- Paper Industries
- Metal
- Packaging
- Textiles
- Web Processing.



**Remarks :** 1) Heat dissipation: The Value of power has been obtained in the following test conditions: • Discs in continuous rotation with ambient temperature +30°C • Temperature on the disc +150°C. 2) Direction of rotation : With right hand rotation the power is reduced by 15%