

PNEUMATIC BRAKE

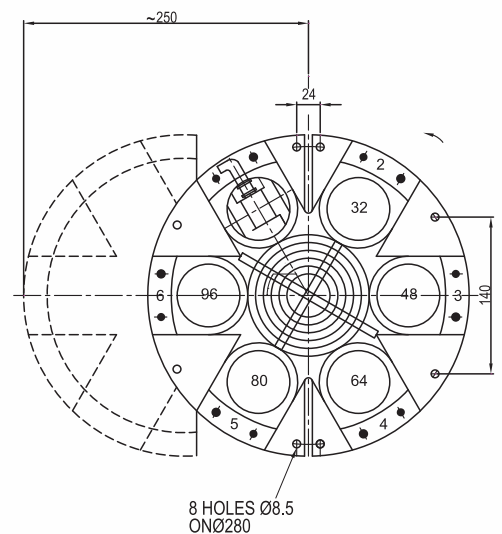
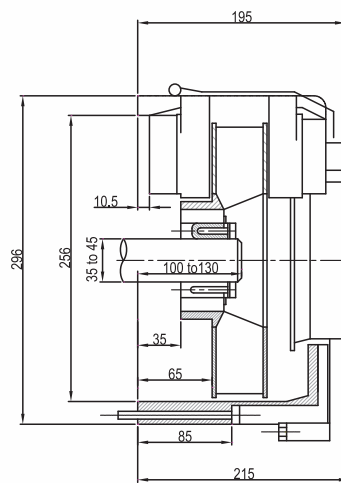
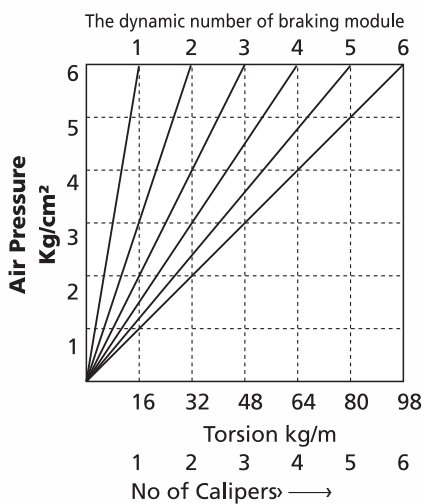
MAIN ADVANTAGES

- 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
Low Coeff.	0.075	5	With Fan	3.5	4.4
Max Rpm	2500	~22 Kg	Inertia	i=0.058 kgm²	

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 N 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%

