

5023-A | AIR APPLIED CALIPER DISC BRAKE

KEY BENEFITS

Bronze & stainless steel construction

Easy brake pad replacement

Well matched to Kobelt's standard range of 2" ventilated discs

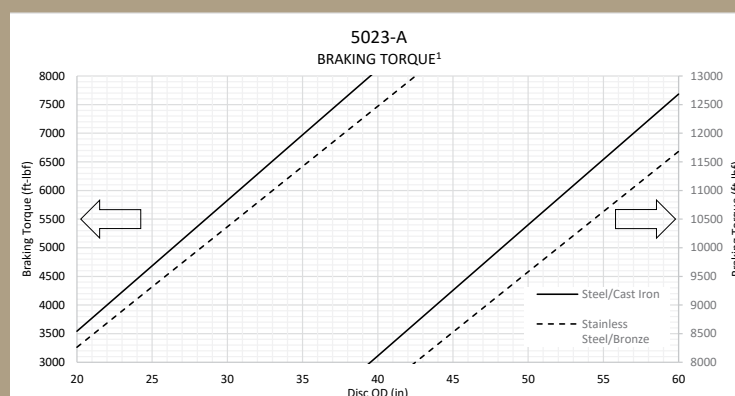
Putting you in control.

For over three decades, Kobelt has been manufacturing air applied disc brakes using a double diaphragm design for accurate tension control. Constructed of bronze and stainless steel, Kobelt's disc brakes are built to last in the harshest conditions.

Available with several options, these caliper disc brakes are well suited for service braking applications on uncoilers, work boats and more .

Specifications

| | | |
|-------------------------|----------------|--------------|
| Normal Force: | 0....7220 lbs | [32.1 KN] |
| Maximum Pressure: | 100 psi | [6.9 bar] |
| Port Size: | ¼ NPT | |
| Actuator Volume: | 39.7 in³ | [650 cc] |
| Temperature Range: | -40°F...+120°F | |
| | -40°C...+49°C | |
| Disc Thickness: | 2 in | [51 mm] |
| Minimum Disc Diameter: | 20 in | [508 mm] |
| Maximum Disc Diameter²: | 60 in | [1524 mm] |
| Pad Life: | 2460 hp-hr | [1834 kw-hr] |
| Total Pad Area: | 53 in² | [344 cm²] |
| Weight: | 61 lbs | [27.7 kg] |

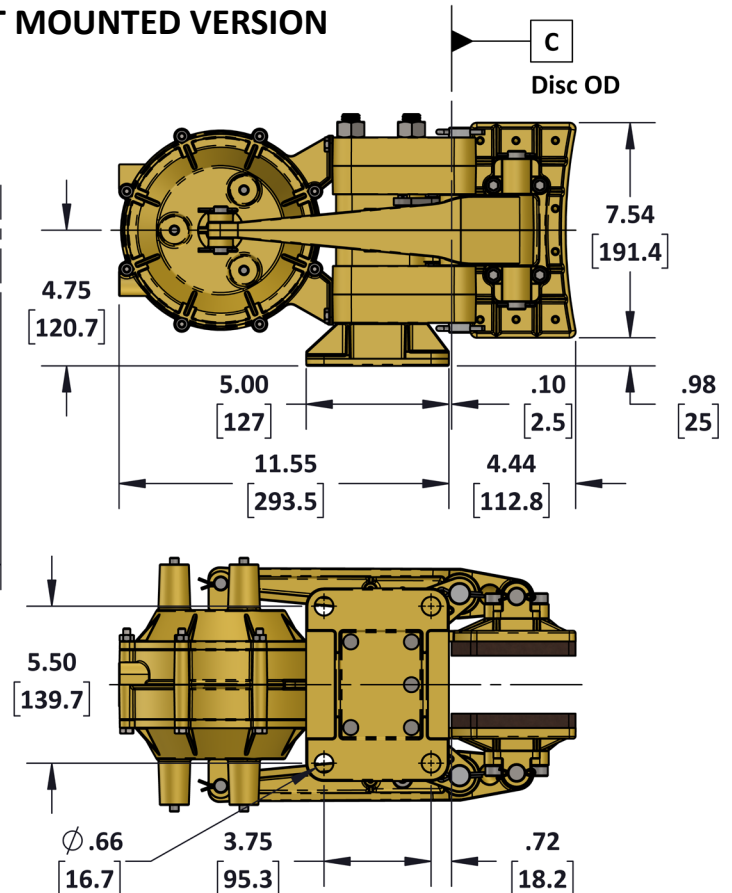
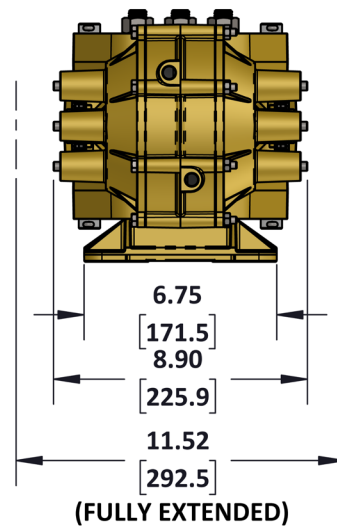


¹ Values in this chart are theoretical and for reference only. They are based on properly bedded and burnished linings acting on a rotor at 20°C and manufactured to required specifications.

² Requires a minimum 4.34 in [110 mm] wide face.

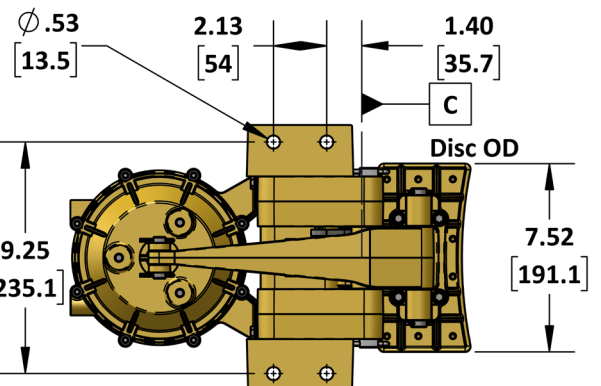
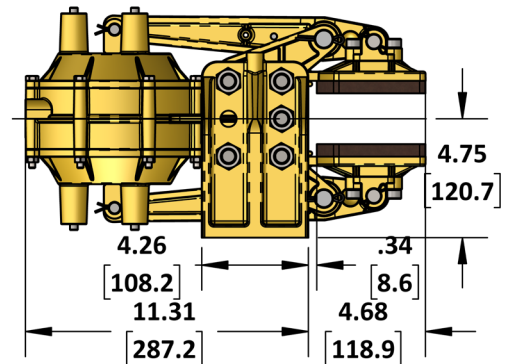
SPECIFICATIONS

FOOT MOUNTED VERSION



BOTTOM VIEW

SIDE MOUNTED VERSION



Brake Model Code Key

5023-A [] - [] - []

Friction material

- (blank) = standard
- N = non-sparking
- C = low COF (.12-.15)
- E = mid COF (.25-.28)

Disc thickness

- (blank) = 2.000 in
- 175 = 1.750 in
- 150 = 1.500 in
- 125 = 1.250 in
- 100 = 1.000 in

Mounting code

- (blank) = foot mounted
- W = side mounted

