

5025-A | AIR APPLIED CALIPER DISC BRAKE

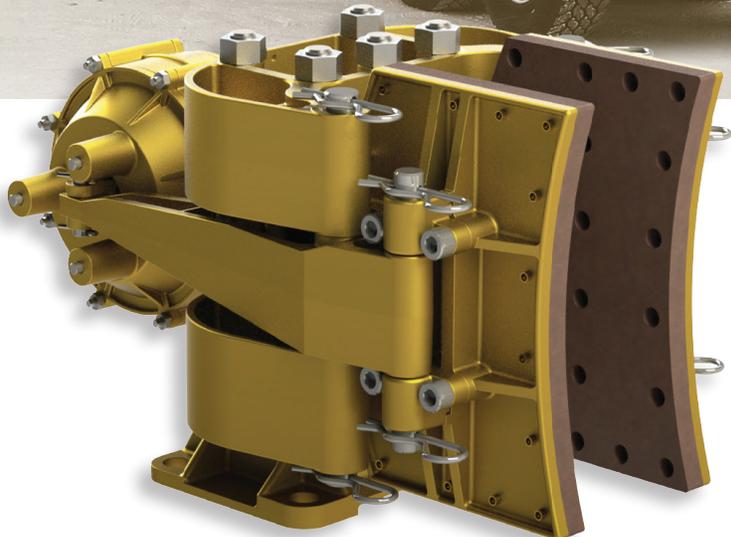


KEY BENEFITS

Bronze & stainless steel construction

Easily changed brake pads

Well matched to Kobelt's standard range of 4" x 7" ventilated discs



Putting you in control.

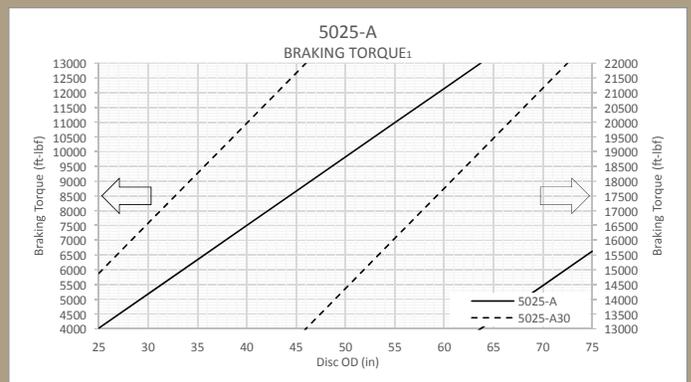
For over three decades, Kobelt has been manufacturing air applied disc brakes using a double diaphragm design for accurate braking control. Constructed of bronze and stainless steel, Kobelt's disc brakes are built to last in the harshest conditions.

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

SPECIFICATIONS

PART NO.	NORMAL FORCE	ACTUATOR VOLUME
5025-A	7330 lbs [32.6 kN]	30 in ³ [491 cc]
5025-A30	10,720 lbs [47.7 kN]	49 in ³ [803 cc]

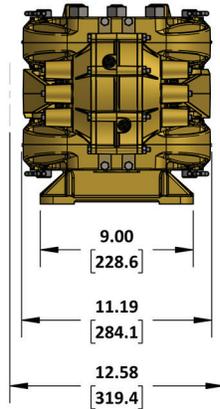
Maximum Pressure:	100 psi	[6.9 bar]
Port Size:	1/4 NPT	
Temperature Range:	-40°F...+131°F	-40°C...+55°C
Disc Thickness:	4 in	[102 mm]
Minimum Disc Diameter:	25 in	[635 mm]
Maximum Disc Diameter ² :	86 in	[2184 mm]
Pad Life:	7000 hp-hr	[5220 kw-hr]
Total Pad Area:	132 in ²	[851 cm ²]
Weight:	134 lbs	[60.8 kg]



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

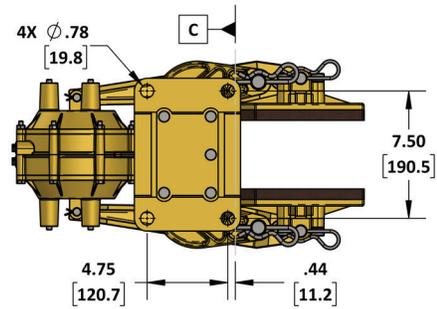
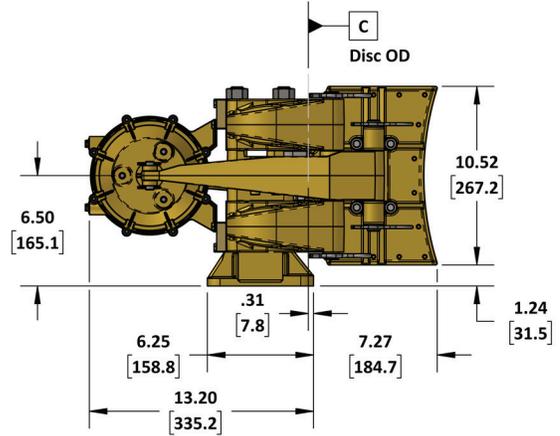
² Requires a minimum 7.48 in [190 mm] wide face.

SPECIFICATIONS



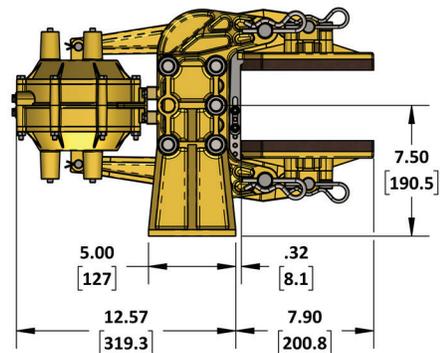
(FULLY EXTENDED)

FOOT MOUNTED VERSION



BOTTOM VIEW

SIDE MOUNTED VERSION



Brake Model Code Key

5025-A [] - [] - [] - []

Friction material

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

Disc thickness

- (blank) = 4.000 in
- 350 = 3.500 in
- 300 = 3.000 in
- 250 = 2.500 in
- 200 = 2.000 in

Mounting code

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

Actuator code

- (blank) = 20 sq.in.
- 30 = 30 sq.in.

