

5021-H | HYDRAULIC 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.

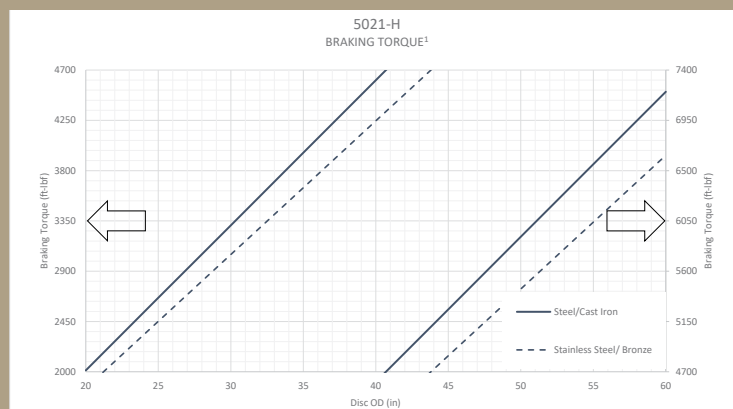
For over three decades, Kobelt has been manufacturing rugged, durable disc brakes for the oil and gas, mining, material handling and manufacturing industries. Constructed of bronze and stainless steel, Kobelt's disc brakes are built to last in the harshest conditions.

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

Specifications

Normal Force:	0...4100 lbs	[18.2 kN]
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 Diameter:	unlimited ²	
Pad Life:	1045 hp-hr	[779 kw-hr]
Total Pad Area:	53 in ²	[344 cm ²]
Weight:	46 lbs	[20.9kg]

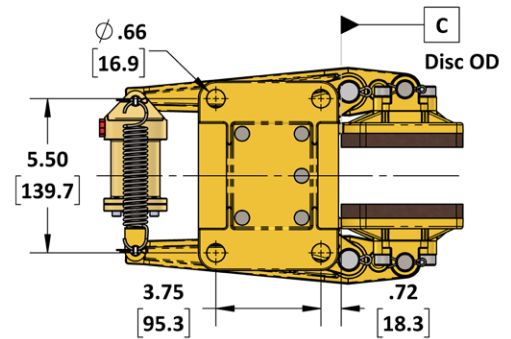
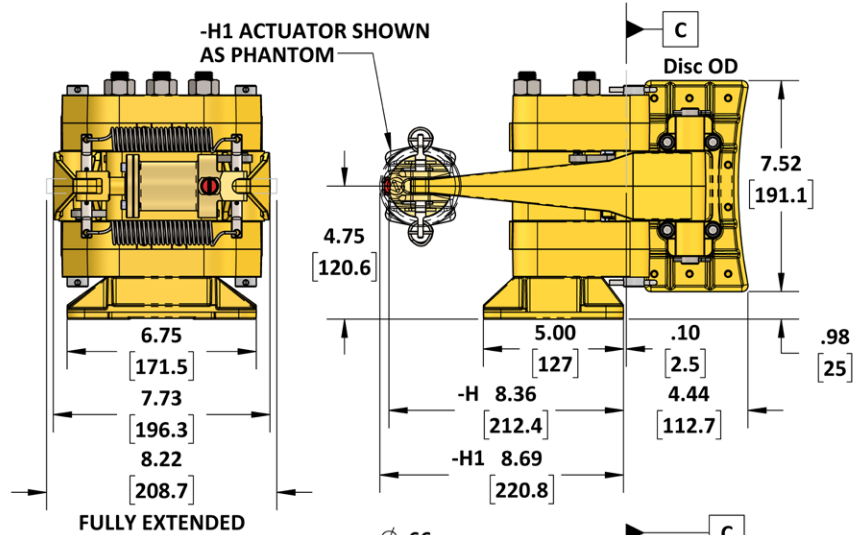
PART NO.	MAXIMUM PRESSURE	PORT SIZE	ACTUATOR VOLUME
5021-H	1000 psi [69.0 bar]	-4 ORB	0.6 in ³ [10 cc]
5021-H1	300 psi [21.7 bar]	1/4 NPT	1.8 in ³ [29 cc]



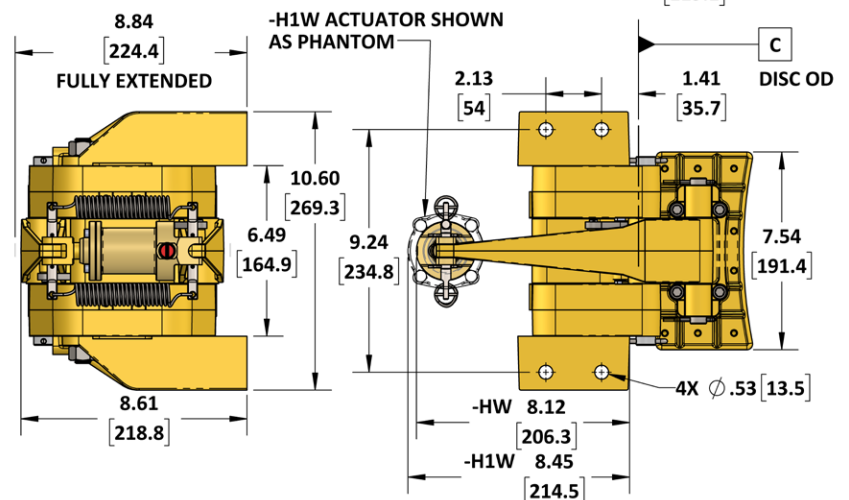
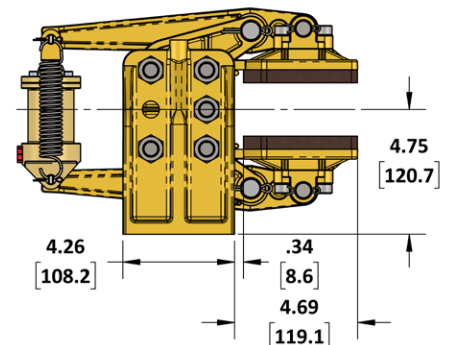
- Values in this chart are theoretical and for reference only. They are based on properly bedded and burnished linings acting on a rotor at 20°C and manufactured to required specifications.
- Requires a minimum 4.34 in [110 mm] wide face.

SPECIFICATIONS

FOOT MOUNTED VERSION



SIDE MOUNTED VERSION



5021-H

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

Actuator code

(blank) = High pressure actuator(Standard)
1 = Low pressure actuator