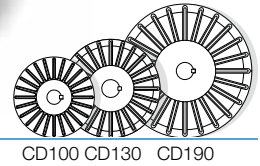


# CD-Series

Compact Dual Disc Brakes



## Montalvo CD-Series Compact Dual Disc Brakes

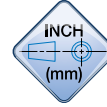
Ultra-light to medium duty tension brakes, with a modular design and interchangeable parts, that are economical and easy to install and maintain.

### Features

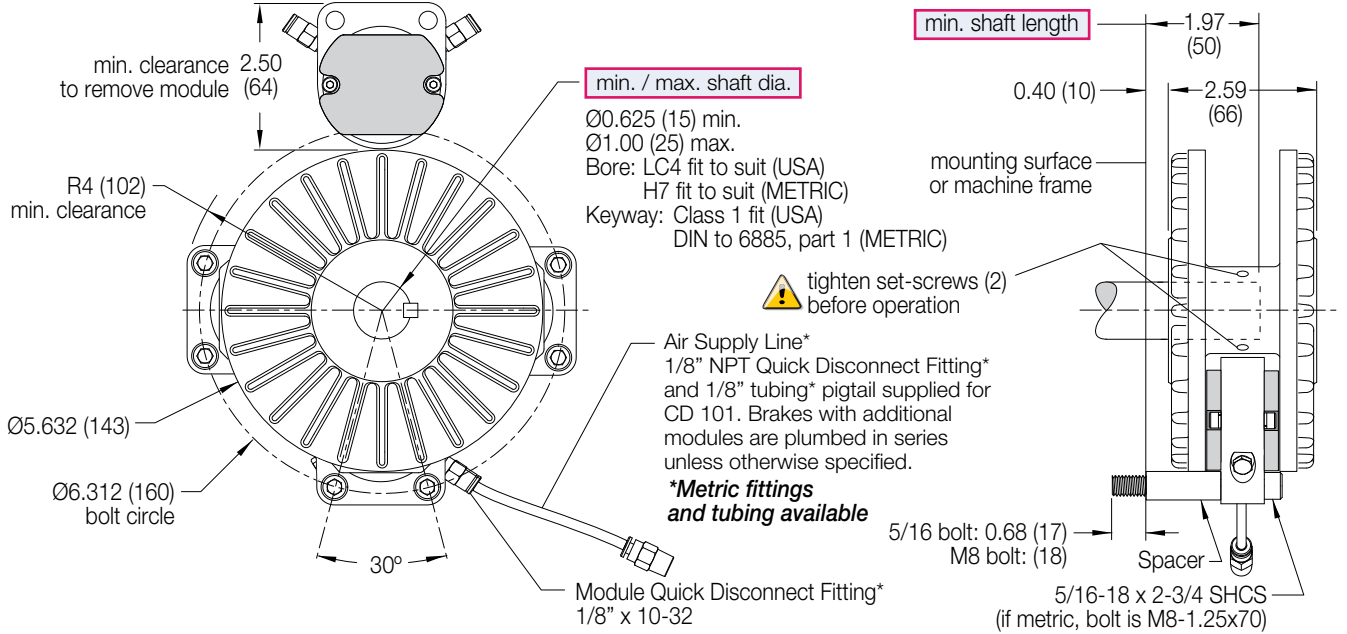
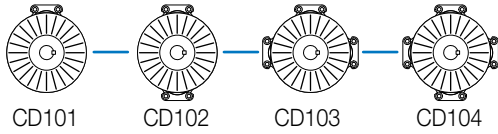
- ▶ **Ideal for web presses and narrow webs**
  - Flexopresses
  - Slitters / Rewinders
  - Label Presses
- ▶ **High capacity, low inertia**
  - Eliminate residual drag
  - Run wider variety of webs
- ▶ **Choose from 3 torque ranges**
  - CD100 to 600 in-lb
  - CD130 to 1200 in-lb
  - CD190 to 2600 in-lb
- ▶ **Versatile C Series Friction Module**
  - Can be configured for customer supplied dual disc, single disc, and caliper disc brakes

# CD-Series

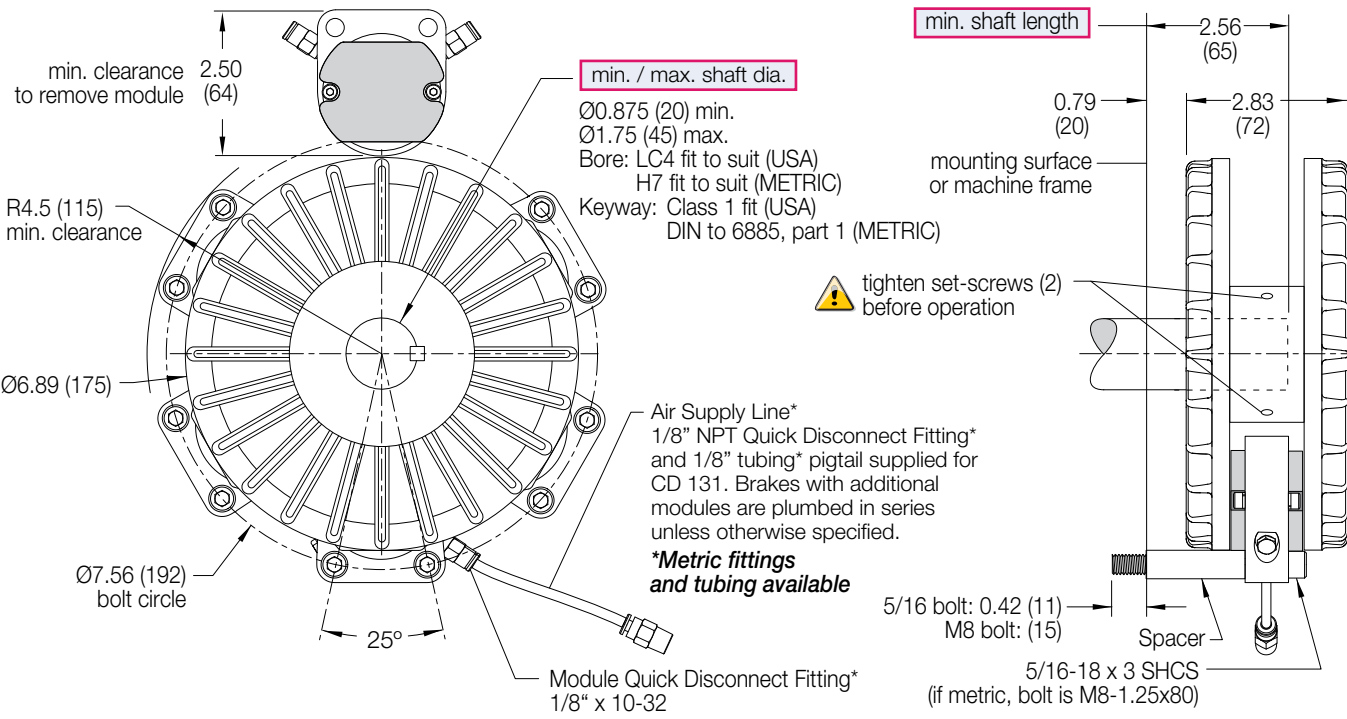
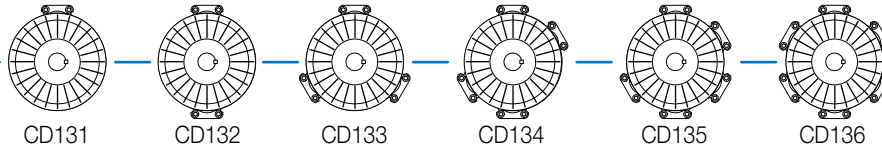
Compact Dual Disc Brakes

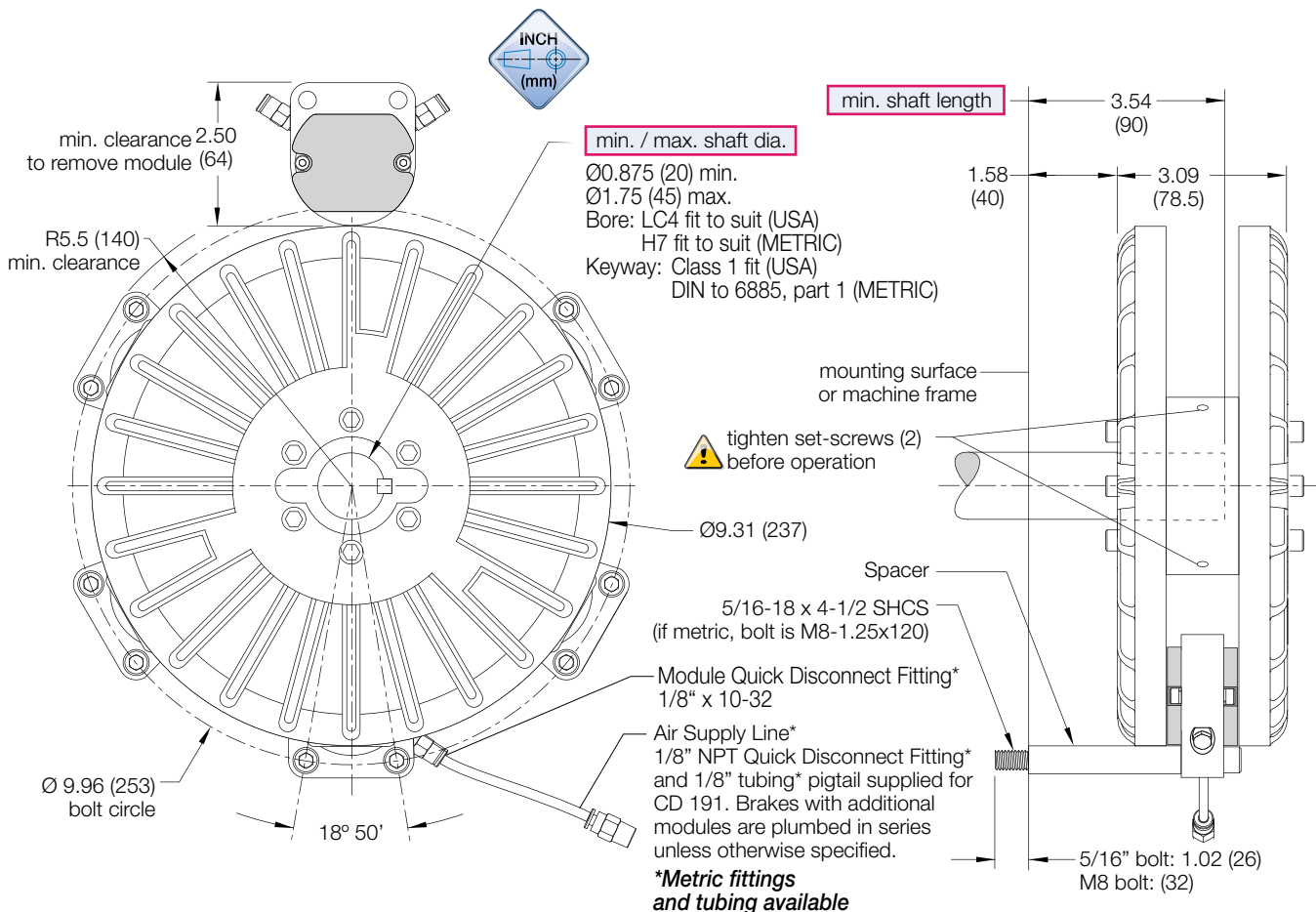
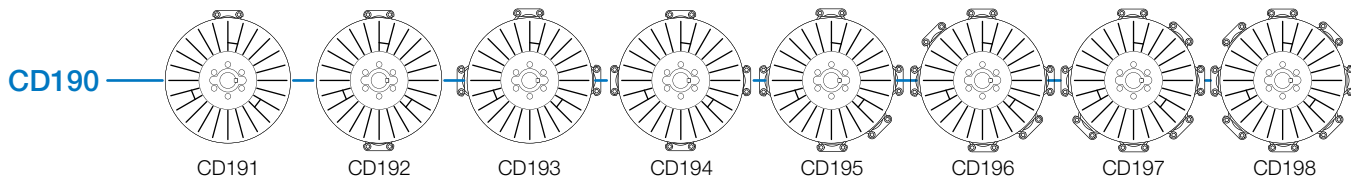


## CD100



## CD130



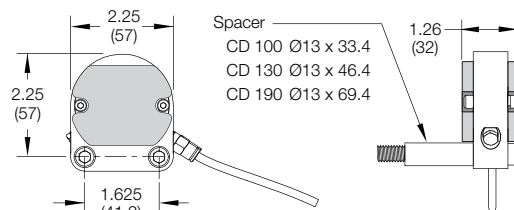
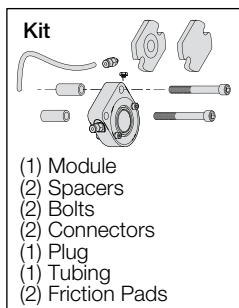


## CD Friction Module Options

Add or replace a module

<b>Friction module kit**</b> .....	Ordering Part #
With 5/16" bolts and 1/8" NPT air fittings	
CD 100 brake.....	10001848
CD 130 brake.....	10001850
CD 190 brake.....	10001862
With M8 bolts and 4mm air fittings (metric)	
CD 100 brake.....	10002058
CD 130 brake.....	10002077
CD 190 brake.....	10002255

\*\*Kit includes two standard 4512 pads (many other types available - call or visit website for more details).



# CD-Series

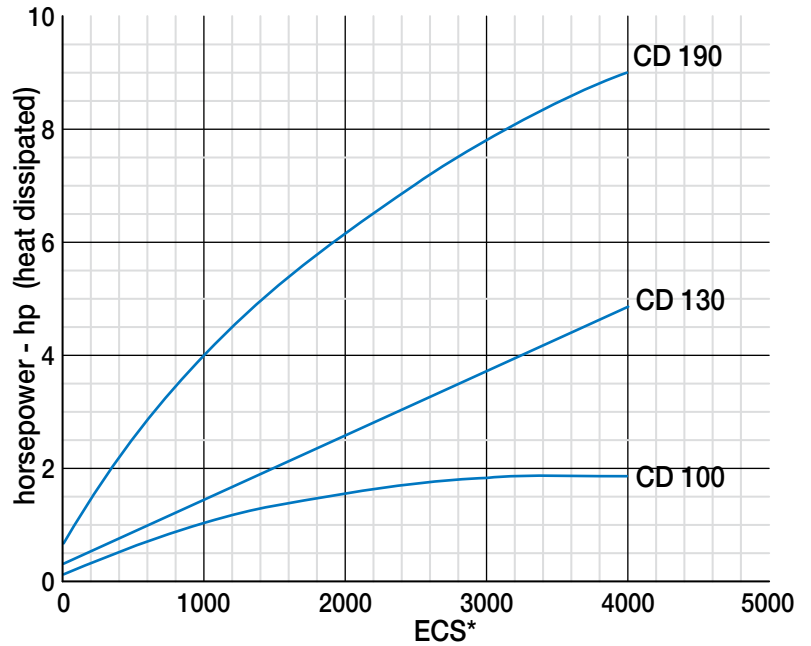
Compact Dual Disc Brakes

## Torque†

	Max. - Min. (in-lb)			
	LOW Friction	MEDIUM Friction	HIGH Friction	
<b>CD100</b>				
CD101	33	100	150	2.00
CD102	66	200	300	
CD103	100	300	450	
CD104	132	400	600	
<b>CD130</b>				
CD131	44	133	200	2.60
CD132	88	266	400	
CD133	132	400	600	
CD134	176	533	800	
CD135	220	666	1000	
CD136	264	798	1200	
<b>CD190</b>				
CD191	72	216	326	4.40
CD192	144	432	648	
CD193	216	648	978	
CD194	288	864	1296	
CD195	360	1080	1630	
CD196	432	1296	1956	
CD197	504	1512	2282	
CD198	576	1728	2608	

† Friction values are nominal. Rated torque may vary depending on operating temperature.

## Effective Cooling Speed\*



\*Effective Cooling Speed (ECS)  
The speed at which a brake will dissipate a given heat horsepower.

$$ECS = \frac{2 (rpm \text{ min.}) + rpm \text{ max.}}{3}$$

### Testing

The brakes were mounted as recommended in the Brakes Installation Instruction Manual. No guard or cover was used. Addition of machine guarding, fan or blower cooling, differences in ambient conditions, location, mounting method, etc. will affect heat (hp) dissipation capacity of any air cooled brake. Careful consideration should be given to all conditions surrounding installation. Please consult The Montalvo Corporation for help in application sizing.

### Temperature

Ambient 55 - 60°F  
Cast Iron Bulk 350°F  
(humidity) 65 - 70%

### Note

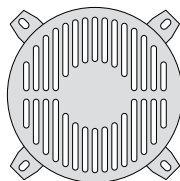
Montalvo Brakes are called upon to operate within a wide speed range when used in converting applications. They do not carry "nominal" ratings.

Size	Max. Speed* (rpm)	Inertia W <sup>2</sup> of discs-hub (lb-ft <sup>2</sup> )	Weight discs-hub (lb)
CD100	7000	0.14	5.9
CD130	5500	0.30	9.3
CD190	4285	1.45	23

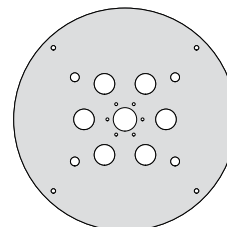
\* Do not use to calculate horsepower.

## Related Montalvo Products

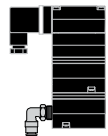
Safety Covers







Mounting Plates



I/P Converters



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1-800-226-8710 / info@montalvo.com / www.montalvo.com

Technical details subject to change without notice. CD-US-12 © Montalvo