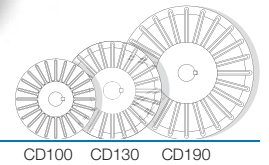
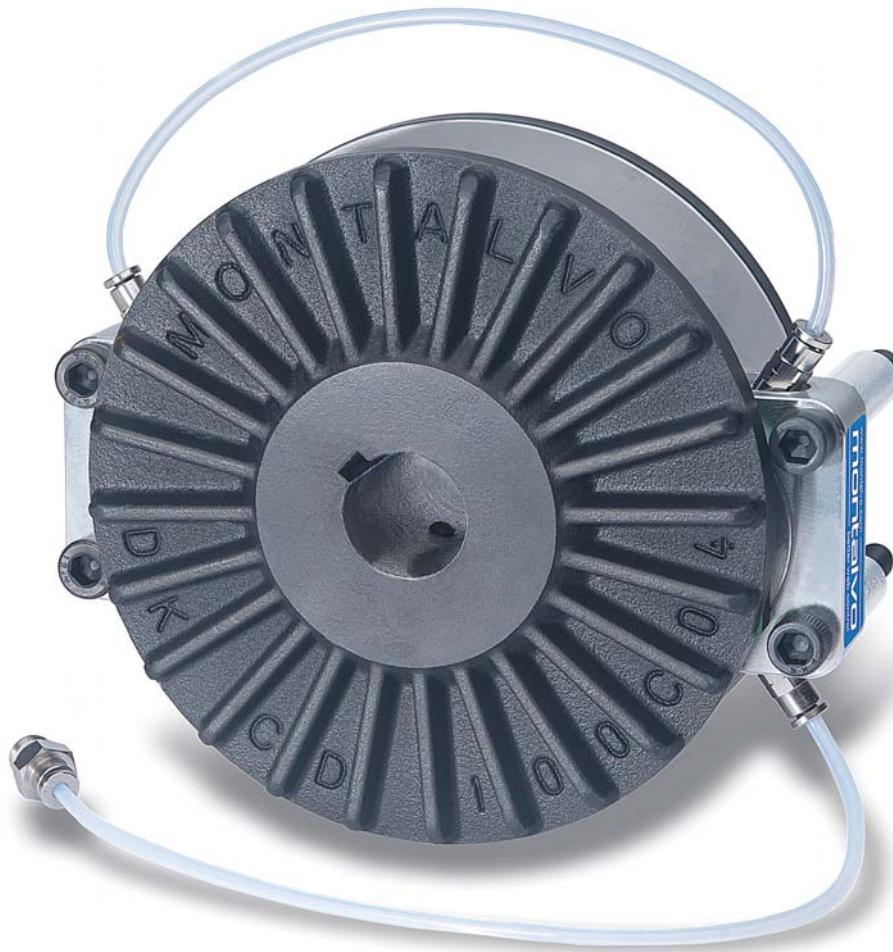


CD-Series

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.

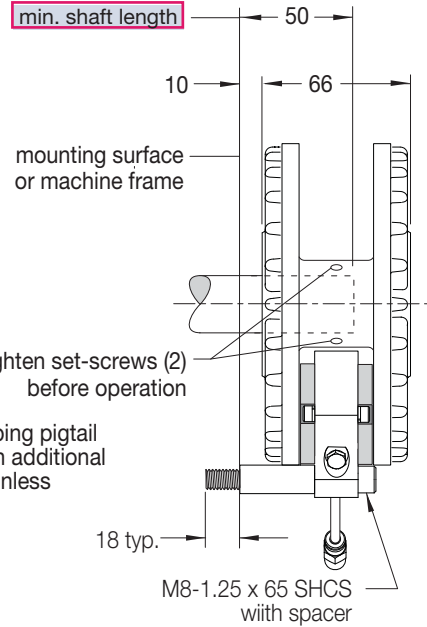
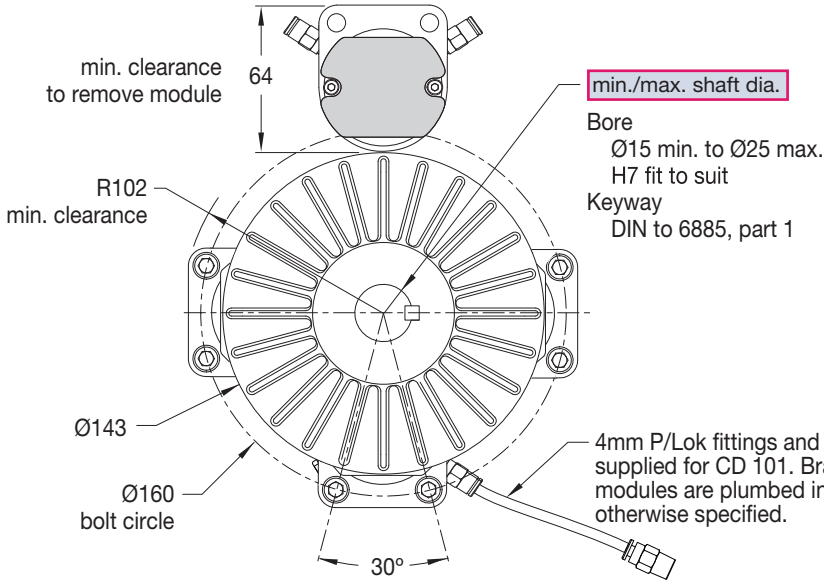
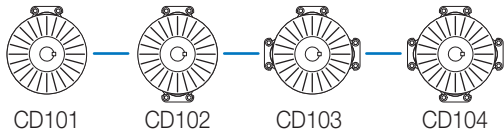
Features

- ▶ **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 68 Nm
 - CD130 to 138 Nm
 - CD190 to 295 Nm
- ▶ **Versatile C Series Friction Module**
 - Can be configured for customer supplied dual disc, single disc, and caliper disc brakes

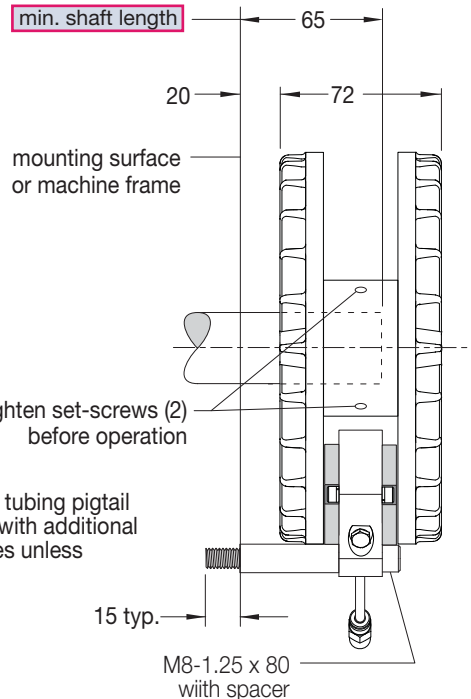
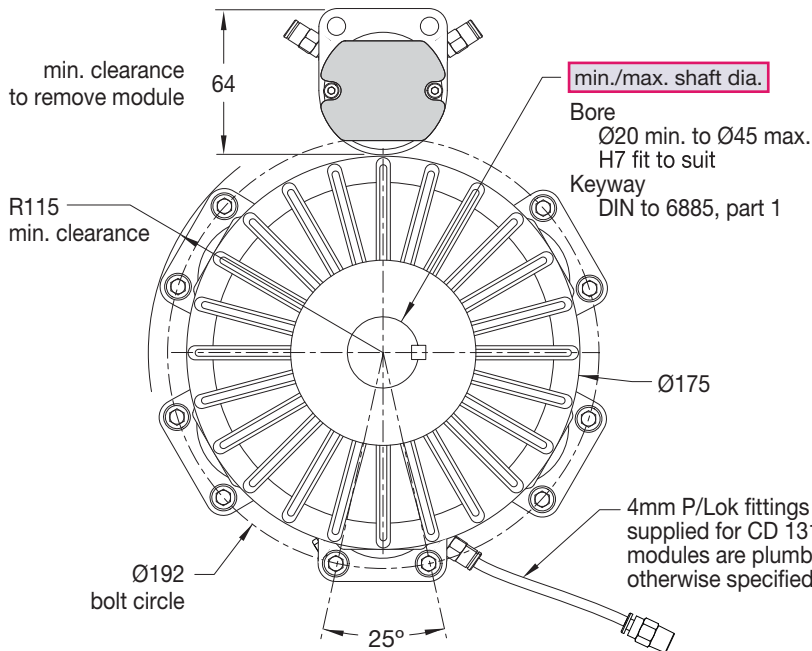
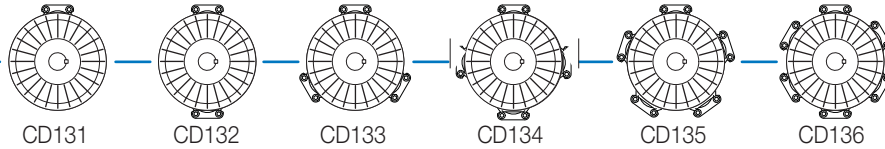
CD-Series

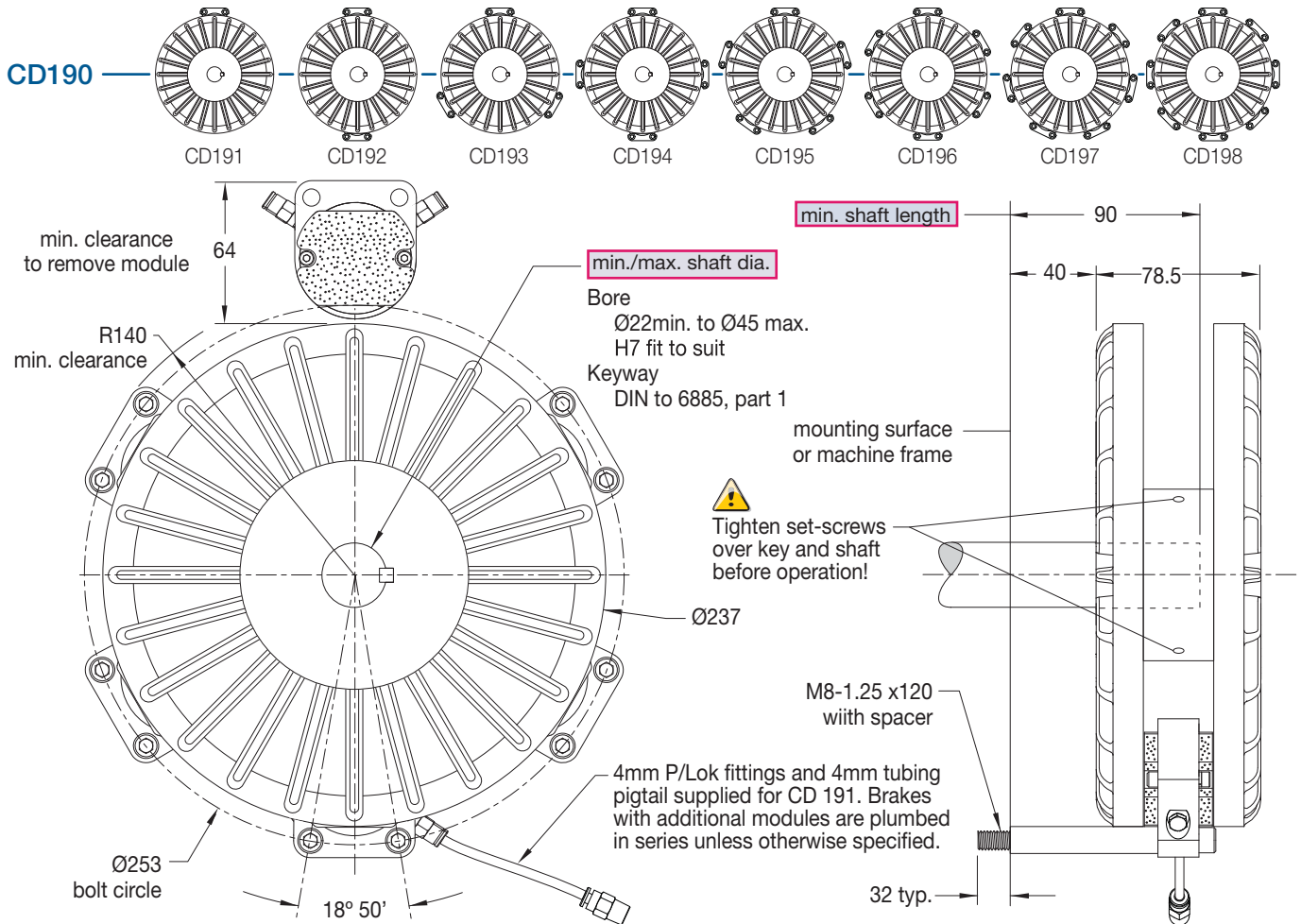
Compact Dual Disc Brakes

CD100



CD130



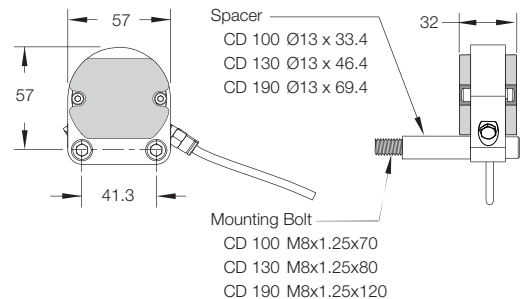
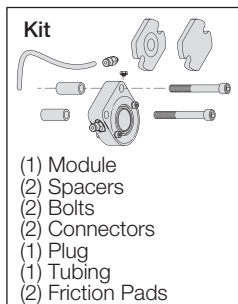


CD Friction Module Options

Add or replace a module

Friction module kit*	Ordering Part #
CD 100 brake.....	10002058
CD 130 brake.....	10002077
CD 190 brake.....	10002068

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

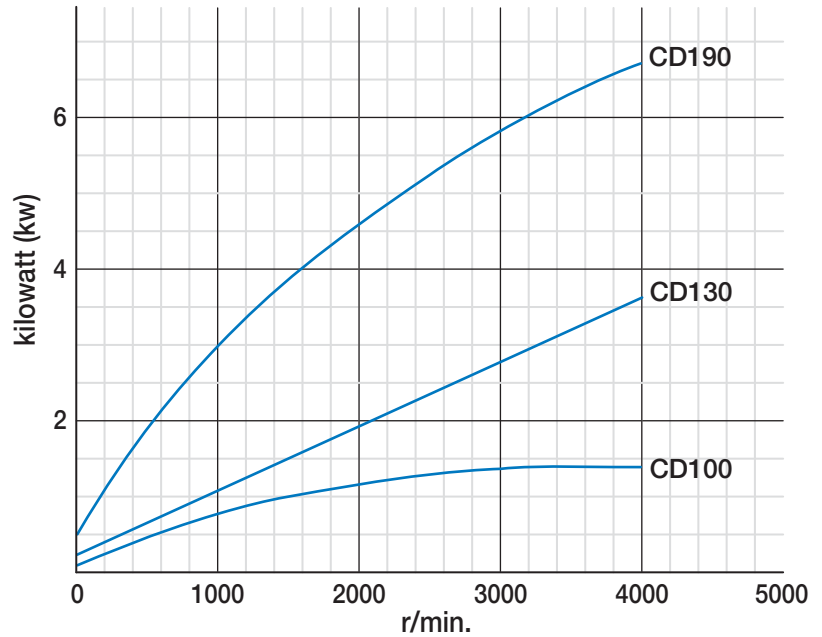


Torque†

	Max. - Min. (Nm)					
	(Max. @ 5.2 bar) - (Min. @ 0.07 bar x1 cylinder)					
	LOW Friction		MEDIUM Friction		HIGH Friction	
CD100						
CD101	3.7		11		17	
CD102	7.4	0.05	22	0.2	34	0.2
CD103	11.1		33		51	
CD104	14.8		44		68	
CD130						
CD131	5		15		23	
CD132	10		30		46	
CD133	15	0.07	45	0.2	69	0.3
CD134	20		60		92	
CD135	25		75		115	
CD136	30		90		138	
CD190						
CD191	8		24		37	
CD192	16		48		74	
CD193	24	0.1	72	0.3	111	0.5
CD194	32		96		148	
CD195	40		120		185	
CD196	48		144		222	

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

Effective Cooling Speed*



*Effective Cooling Speed (nECS)
The speed at which a brake will dissipate given kilowatts.

$$nECS = \frac{2 \times n \text{ min.} + n \text{ max.}}{3}$$

Testing

Brakes were mounted as recommended in *Installation Instructions*. 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 dissipation capacity of any air cooled brake. Careful consideration should be given to all conditions surrounding installation. Consult Montalvo for help in application sizing.

Conditions: Ambient temp. 13 -16°C
Cast Iron Bulk 177°C
Humidity 65 - 70%

Size	Max. r/min* (min ⁻¹)	Moment of Inertia (kgm ²)	Total Weight (kg)
CD100	7000	0.013	2.9
CD130	5500	0.024	4.5
CD190	4285	0.061	10.5

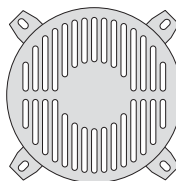
Do not use to calculate kilowatt.

Note:

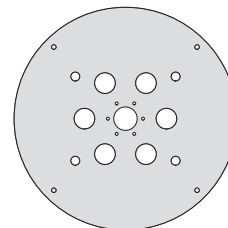
Montalvo Brakes are called upon to operate within a wide speed range when used in converting applications They do not carry "nominal" ratings.

Related Montalvo Products

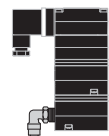
Safety Covers



Mounting Plates



I/P Converters



	207-856-2501 / 800-226-8710
	+86-21-52188010
	+45 75 57 27 11
	+49 (0)511 760 691 41

The Montalvo Corporation

EST. 1947

montalvo

Better Web Control®

Tel: EU +45 75 57 27 11 / USA +1 207-856-2501

Fax: USA +1 207-856-2509

info.eu@montalvo.com www.montalvo.com

Technical details subject to change without notice. CD-GB-06 © Montalvo