



High torque low inertia

The Eaton Airflex® Pneumatic Disc Clutch provides a durable, troublefree design to maximize uptime at a fraction of the cost of competitive disc clutches.



With decades of experience and success in power transmission, Eaton Airflex has introduced its latest addition to its robust portfolio of industrial clutches and brakes.

With quick delivery times, the PDC is the perfect aftermarket solution to get back up and running, while extending the life of the clutch with lower friction wear and reduced heat generation.

The PDC utilizes a simple air-tube design to provide consistent pressure during actuation, with smooth engagement and disengagement, low inertia, easy maintenance and high torque capabilities.

Application

- Drawworks
- Offshore deck equipment
- Marine drives/dredging
- Pipe-laying vessel
- Processing & aggregates
- Recycling/shredding
- Logging equipment

Features

- Low inertia friction disc assembly
- Low friction wear
- Reduced heat generation
- Backed by Eaton's 2 year warranty

Size	Torque lb-in (Nm) at 100 psi (6.9 bar)	Max RPM	Overall width inch (mm)	Outside diameter inch (mm)	Weight lbs (kg)
118PDC	65,000 (7,345)	1750	5.62 (143)	22 (559)	287 (130)
218PDC	130,000 (14,689)	1750	7.16 (182)	22 (559)	395 (179)
318PDC	195,000 (22,034)	1750	8.70 (221)	22 (559)	481 (218)
124PDC	138,000 (15,593)	1350	6.62 (168)	28 (711)	578 (262)
224PDC	276,000 (31,186)	1350	8.55 (217)	28 (711)	770 (349)
324PDC	414,000 (46,780)	1350	10.46 (265)	28 (711)	930 (422)
327PDC	476,000 (53,785)	1200	10.72 (272)	31 (787)	1195 (542)
230PDC	562,000 (63,503)	1100	10.19 (259)	34 (864)	1364 (618)
330PDC	843,000 (95,254)	1100	12.77 (324)	34 (864)	1725 (782)

1. Clutch assembly only; does not include driving ring. Driving ring shall be ordered separately
 2. Dynamic torque shown. Static torque approximately 15% greater
 3. Maximum allowable air tube pressure is 115 psi (7.9 bar)



Powering Business Worldwide