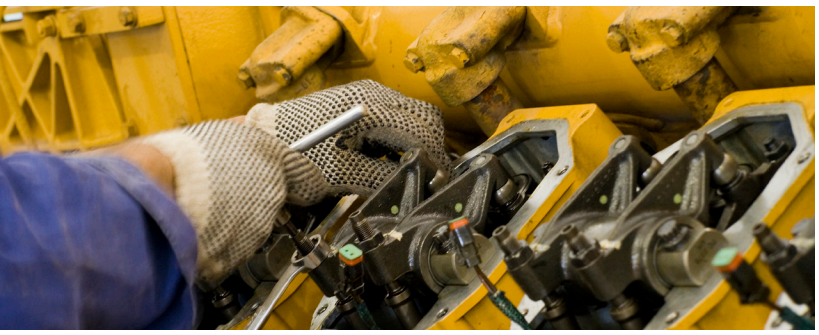
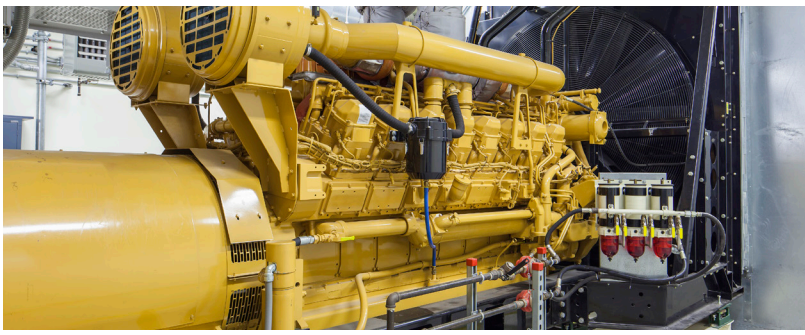
Ingersoll Rand







PNEUMATIC BARRING MOTORS

B006 and T480 Series

SAFELY SERVICE YOUR ENGINE BY GIVING ONE TECHNICIAN COMPLETE CONTROL

SAFETY FIRST: Puts your maintenance technician in total control of motor movement

EFFICIENCY: One technician can perform complete maintenance service

FLEXIBILITY: Varying pendant lengths to customize to your engine workspace

PRECISION: Reversible air motor and varying air flow pendant allows for precise control of engine movement

DURABILITY: Proven Ingersoll Rand design delivers maximum durability and dependability







Ingersoll Rand®'s barring motors give you the ability to turn a 2-person job into a safer, one-person job. Service work on diesel and gas engines is easier and safer with Ingersoll Rand B006 and T480 Series pneumatic barring motors.

These highly reliable, precisely controlled motors enable you to turn engines, even those that have been in service for many years. Our barring motors will turn your engine over slowly and stop them securely for greater peace of mind and productivity.

These barring motors are lightweight and portable, which means you can move them from engine to engine, or mount them permanently. Since they are powered by compressed air, these motors are well suited for field applications, hazardous environments, and are perfect solutions for all service applications.

- **Timing Adjustments**
- **Valve Adjustments**
- **Coupling Adjustments**
- **Routine and Unscheduled Maintenance**

FEATURES **AND BENEFITS**

B006

- 90 psig air operation produces more than 150 ft-lb of torque
- For diesel engines with displacements up to 100 liters and gas engines up to 200 liters

T480

- For diesel engines with displacements up to 500 liters and gas engines up to 1000 liters
- 90 psig air operation produces more than 300 ft-lb of torque
- Integral disc brake is always engaged when motor is not in operatio to ensure safer, easier engine adjustments

B006



T480



B006 SERIES

Model	Flange	Weight lb	Weight kg	Max Pressure (motor inlet) psi	Max Pressure (motor inlet) bar	Torque (breakaway) ft-lb	Torque (breakaway) Nm	Speed at Max Power rpm	Description
B006PVR374-01**	01	19	9	90	6	152	207	23	Barring motor only
B006PVR374-03**	03	19	9	90	6	152	207	23	Barring motor only
B006PVR374-01-**P	01	25	11	90	6	152	207	23	Barring motor with pendant control
B006PVR374-03-** P	03	25	11	90	6	152	207	23	Barring motor with pendant control

**Pinion configurations: 15, 29, 31, 77, 79, 85, 94, 893, 895, 942. Additional flange and pinion configurations available upon request

T480 SERIES

Includes integral brake

Model	Flange	Weight lb	Weight kg	Max Pressure (motor inlet) psi	Max Pressure (motor inlet) bar	Torque (breakaway) ft-lb	Torque (breakaway) Nm	Speed at Max Power rpm	Description
T480PVRP-03**	03	58	26	90	6	322	438	65	Barring motor only
T480PVRP-03-**P	03	69	31	90	6	322	438	65	Barring motor with pendant control

**Pinion configurations: 25, 29, 31, 83, 85, 87, 94, 893, 895, 942. Additional flange and pinion configurations available upon request

ACCESSORIES

Model	Description
PB006-15K	B006 pendant control & 2 hoses (15'/4.6m each)
PB006-30K	B006 pendant control & 2 hoses (30'/9m each)
43551-2	Muffler for B006
PT480-15K	T480 pendant control & 3 hoses (15'/4.6m each)
PT480-30K	T480 pendant control & 3 hoses (30'/9m each)

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Learn more at www.ingersollrand.com

Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.

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