

## Jacobs Engine Brake Model 465A

### For the **CUMMINS ISX12 Engine**

As new engine platforms are developed, Jacobs Engineers provide innovative braking solutions. When Cummins looked to leverage the ISX12 engine into both a diesel and natural gas version, Jacobs met that challenge with a common brake design to fit both. The model 465A Engine Brake is low profile and light weight, but packs all the high retarding performance you expect from Jacobs.

#### FEATURES

- Jacobs trademark Jake Brake®
- Matches Engine base standard warranty
- Three stage engine brake operation, low/med/high
- Certified and approved by the engine manufacturer
- Fully integrated with engine electronic controls
- Integrated with vehicle ABS for greater driver control
- Factory installed
- Quieter performing brake
- Corrosion Protection to withstand condensation in natural gas applications

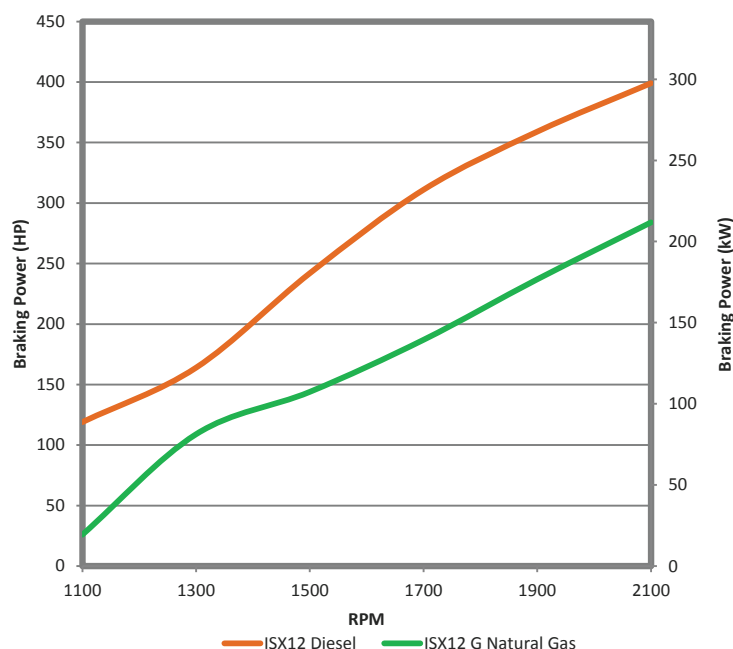


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### Performance Information

RPM	HP	KW	Torque (ft-lbs)
<b>ISX12 G Natural Gas</b>			
1100	26	19	124
1300	109	81	440
1500	144	107	504
1700	187	139	578
1900	237	177	655
2100	284	212	710
<b>ISX12 Diesel</b>			
1100	119	89	568
1300	164	122	663
1500	242	180	847
1700	311	232	961
1900	359	268	992
2100	399	298	998

### Performance



### Technical Specifications

Height	3.0"	77 mm
Length	15.6"	397 mm
Width	5.9"	150 mm

Kit Added Weight	16.8 lbs.	7.6 kg.
Housings Per Engine	2	
Lash Setting	0.134"	3.4 mm

### Serviceable Part Numbers

	Diesel & Natural Gas 465A
Type II Solenoid	3686406
Front Housing	4330249
Rear Housing	4330250
Crosshead	2883286
Aftermarket Base Kit	4309432
Tune-Up Kit	4376508

### Engine Brake Warranty

Will match the basic warranty mutually agreed by Jacobs and the engine manufacturer up to the maximum of 2 years or 250,000 miles (400,000 km), whichever comes first.

*ALL claims for warranty are submitted through Cummins and will be subject to the limitations of the agreement.*