

# Aftermarket Marketing Bulletin

BORGWARNER



Bulletin Number: M-07-23

Date: 11/9/2023

## BorgWarner Performance – New Product Release



### S400SX-E

BorgWarner ETTS Aftermarket North America is pleased to announce the release of the AirWerks® S400SX-E turbocharger for performance applications! The “E” series denotes product enhancements which include a Forged Milled Compressor Wheel (FMW), 360 degree thrust bearing system, substantial compressor flow increase and four points of compressor efficiency over the SX version (171702). The compressor is a 10-blade, high-flow, FMW which offers increased tensile strength which improves resistance to failure when compared to billet and cast compressor wheels.

The 14969880029 comes from the factory paired with a 1.32 A/R divided turbine inlet which has a 5.75 marmon connection. See chart below for supported turbine housing options.

Turbo Part #	Comp. Wheel O.D. (in)	Comp. Wheel O.D. (mm)	Comp. Wheel Inducer Dia. (in)	Comp. Wheel Inducer Dia. (mm)	Turbine Wheel O.D. (in)	Turbine Wheel O.D. (mm)	Turbine Wheel Exducer (in)	Turbine Wheel Exducer (mm)
14969880029	3.94	100	2.99	76	3.77	95.70	3.47	88.05

Optional turbine housings shown below.

Part #	A/R	Inlet Configuration	Notes
14961019007	1.15	Twin Flow Volute – T6 Inlet	96mm Turbine Wheel
14961016101	1.45	Twin Flow Volute – T6 Inlet	96mm Turbine Wheel
14961016100	1.58	Twin Flow Volute – T6 Inlet	96mm Turbine Wheel



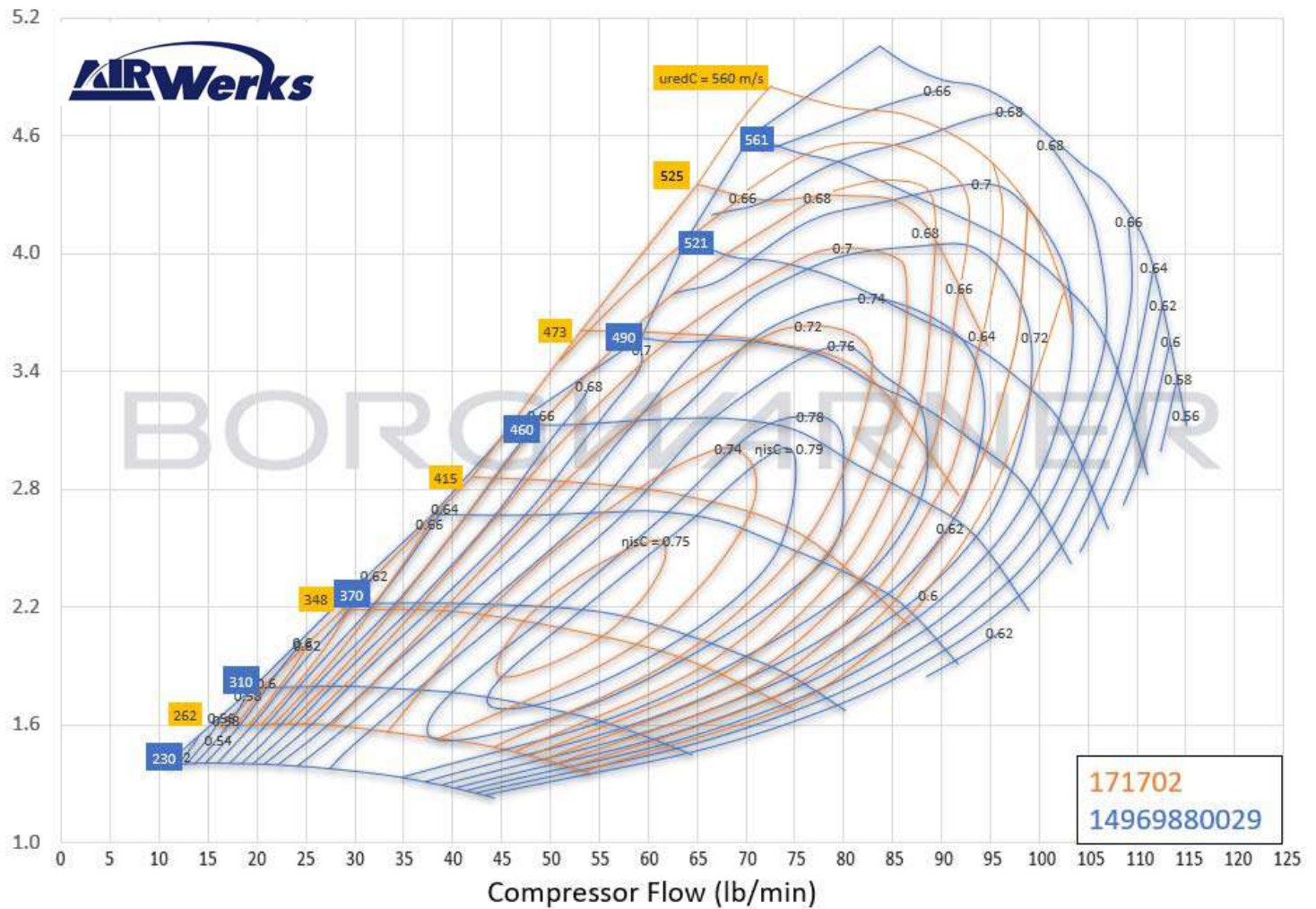
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Comparison map shown below



Please visit <https://www.borgwarner.com/aftermarket/boosting-technologies/performance-turbochargers/downloads> to download the latest BorgWarner Performance Turbo Catalog.

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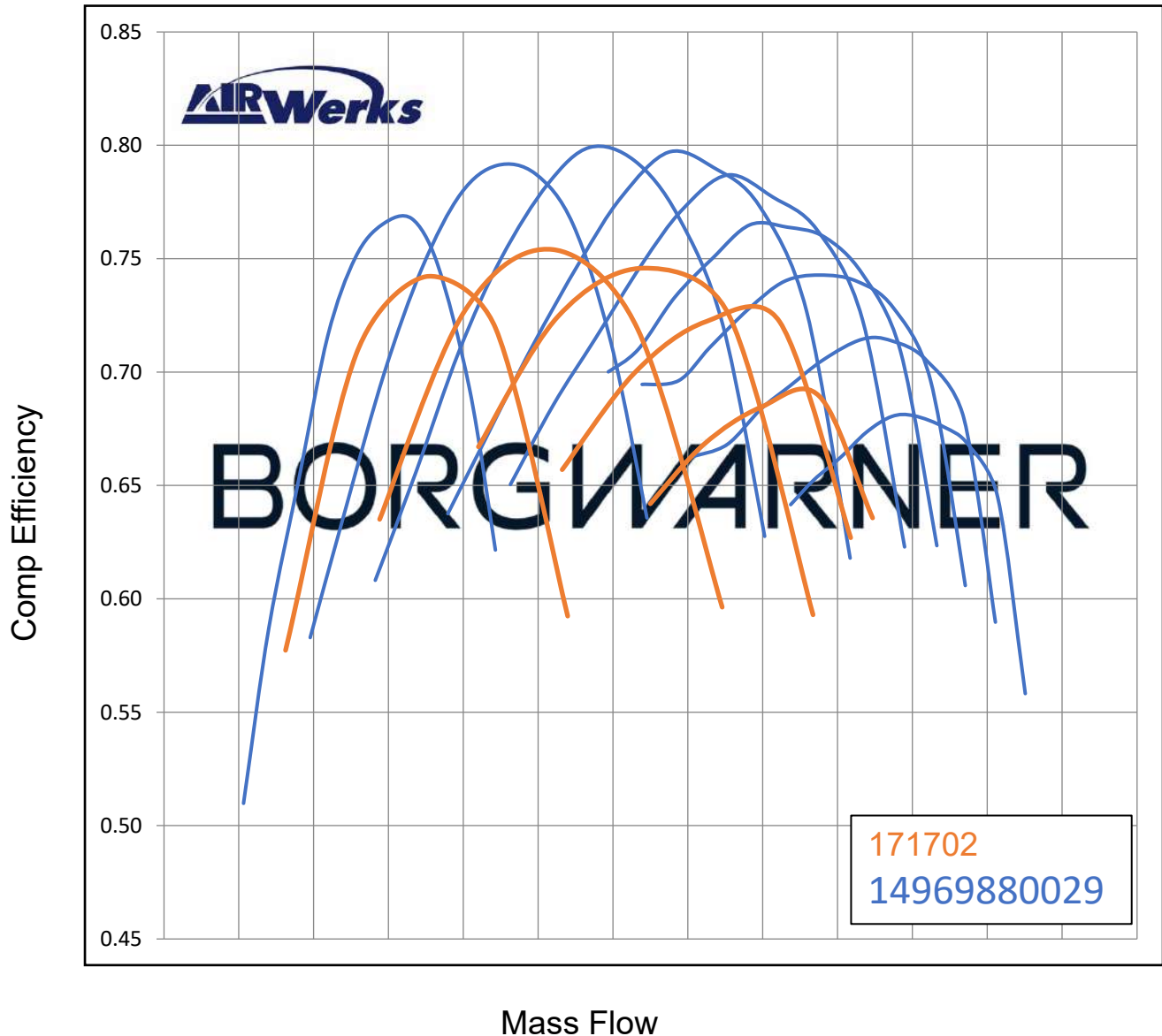
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Comparison map shown below

Comp Efficiency vs. Mass Flow



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