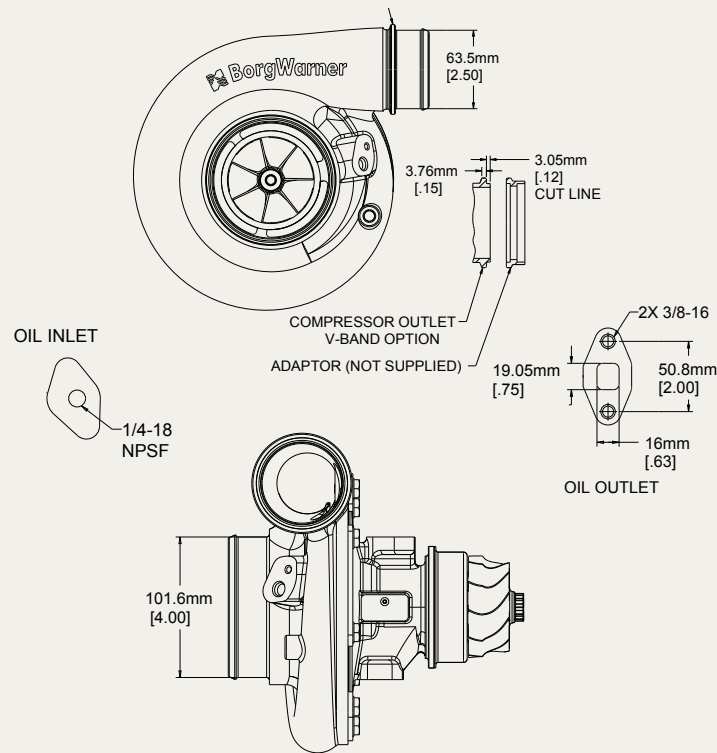


# S300SX-R

## 400-1100 HP Super-Core



### SUPER-CORE FRAME DIMENSIONS



See page 55 for speed sensor details

Super-Core 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)	Service Kit (360° thrust bearing)
13807105053	3.46	88.00	2.68	68.00	3.14	79.76	2.89	73.37	13007110005
13767105020	3.46	88.00	2.68	68.00	3.00	76.20	2.66	67.56	13007110005
13767105022	3.31	84.00	2.52	64.00	3.00	76.20	2.66	67.56	13007110005

## FEATURES

- Low rotor inertia (quicker spooling)
- 360 degree thrust bearing
- Integrated speed sensor port
- Forged milled compressor wheel
- Flexible compressor cover outlet options
- Pre-machined boost port
- Optimized compressor stage aerodynamics



Not included with turbo assemblies: Speed sensor, Turbine outlet V-Band, Drain port fitting

### TURBINE HOUSING

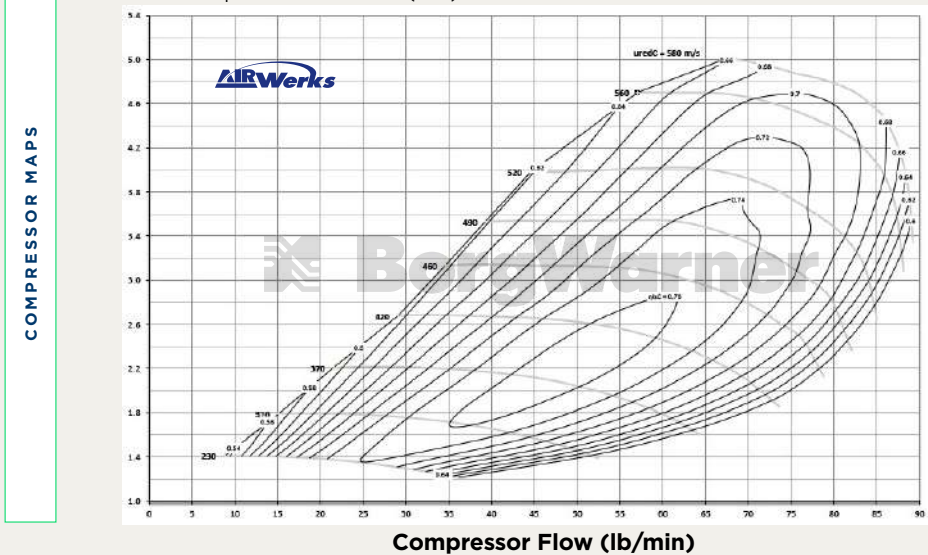
Part #	A/R	Inlet Configuration	Notes
177211	0.88	Volute, Open Flow	80mm Turbine Wheel
177208	0.91	Volute, Twin Flow	
179905	1.00	Volute, Twin Flow	
177210	0.88	Volute, Open Flow	T4 Inlet
177207	0.91	Volute, Twin Flow	
177209	1.00	Volute, Twin Flow	
177209	1.00	Volute, Twin Flow	

### S300SX-R 400 - 950 HP

Part #: 13767105022

Comp. Wheel Inducer Dia. (mm) 64.00

Comp. Wheel Outer Dia. (mm) 84.00



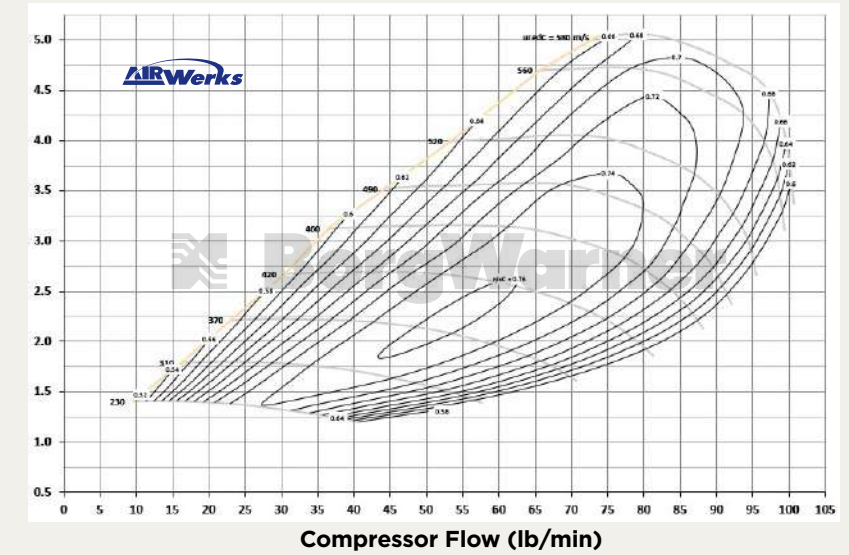
COMPRESSOR MAPS

### S300SX-R 500 - 1100 HP

Part #: 13767105020, 13807105053

Comp. Wheel Inducer Dia. (mm) 68.00

Comp. Wheel Outer Dia. (mm) 88.00



Pressure Ratio

